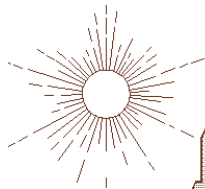


**ADAW**

4529 W. Park Place  
Glendale, AZ 85306-1512



**ADAW**

**Arizona Desert Aire Waves**

**Vol 45, No 11      November 2020**

**CLUB MEETING SCHEDULE**

**SARC**

Nov 4th - 7:00 PM  
On Line

**AARC**

Nov 12th - 7:00 PM  
Red Cross Bldg & Echolink

**YARC**

Nov 5th - 7:00 PM  
Via Zoom

**TBARC**

Nov 19th - 6:30 PM  
Via Zoom - See Website

**CADXA**

Nov 5th - 7:00 PM  
via ZOOM

**ARA**

Nov 23rd - 7:30 PM  
Electronically

**MARCA**

Nov 17th - 6:30 PM  
TBD Check Web Site

**MARA**

Nov 7th - 9:00 AM  
On-Line

**ARCCC**

Nov 10th - 9:00 AM  
Via Microsoft Teams

**WVARC**

Nov 2nd - 7:00 PM  
Via Zoom

**SuperstitionARC**

Nov 17th - 7:00 PM  
Via Zoom-Repeater-Echolink

**CHRC**

Nov 14th - 9:00 AM  
On-Line

**ANSR**

Nov 19th - 7:30 PM  
via GoToMeeting

**KARC**

Nov 10th - 6:30 PM  
New Hope Christian Fellowship

**OVARC**

Nov 20th - 7:00 PM  
Via Zoom

**AMO**

Nov 12th - 7:00 PM  
Charles K Luster Bldg

**ATN (VOAR)**

Nov 15th - 6:30 PM  
Dennys or On-line

**QCWA-AZ Chapter**

TBD  
Phoenix/Prescott/Tucson

**SunLifeARC**

Every Monday - 10:00 AM  
Via Zoom

**CARL**

Jan 16th, 2021 - 12:00 PM  
Arizona Science Center

**MMRG**

TBD  
See Web Site

# ADAW Member Clubs

## ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:00 p.m. at the American Red Cross Building at 4747 N 22nd St. in Phoenix. Visit web site at [www.W7IO.org](http://www.W7IO.org) for map. Visitors are welcome.

President	Gary Hamman	K7GH	602.996.8148
Vice President	Steve Tolnai	W7WSV	480.390.4446
Secretary	Open		
Treasurer	Bob Hodges	K7JJT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Bob Hodges	K7JJT	602.375.9982

AARC c/o Bob Hodges, K7JJT, 15214 N 7th Place, Phoenix, AZ 85022. DUES: \$15.00/YR, Prorated (\$18.00 Family, \$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

## SCOTTSDALE AMATEUR RADIO CLUB, INC.

The Scottsdale Amateur Radio Club meets the **FIRST WEDNESDAY** of each month at 7:00 p.m. in Room 8 at the new Scottsdale Senior Center located at 1700 N Granite Reef Road (west side of Granite Reef Rd., 50 yards north of McDowell Rd. Parking on site) in Scottsdale. The club also holds a net every Tuesday night at 7:00 p.m. on the 147.78/.18 repeater.

President	James Wasson	N7ELL	480.456.1154
Vice President	Ray Vasquez	K4RMV	
Secretary	Mike Childers	K7URK	
Treasurer	Douglas Mitchell	W7ADD	
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Irv Hembuck	K0OTZ	
At-Large	David Yee	N7AJR	
	Bill Kouchis	N9EIV	
	Jim Dye	AG7AU	
	Paul Finell	W7EFQ	
	Chris Schweiger	NE7EE	
	Bruce Harmsen	KA9EYX	

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	bmclean1@gmail.com

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 North Phoenix Campus of Northern Arizona University located at 15451 N. 28th Avenue (near I-17 and West Greenway Road). The meeting is held in room 147. See the website (<http://w7tbc.org>) for a map and more details.

President	Charles Loftus	KG7KRN	president@w7tbc.org
Vice President	Mike Baker	K7DD	vicepresident@w7tbc.org
Secretary	Andrew Cornwall	KF7CCC	secretary@w7tbc.org
Treasurer	Walt Reinert	NJ8G	treasurer@w7tbc.org
Directors	Clair Wyant	KG7MAJ	kg7maj@w7tbc.org
	Rick Tejera	K7TEJ	k7tej@w7tbc.org
	Kenneth Charleton	K4FZH	k4fzh@w7tbc.org
	Nic Holladay	K7CLI	k7cli@w7tbc.org
Past President	Brian McCarthy	AK7F	ak7f@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.

## 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	KD7QIW

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

## MARICOPA AMATEUR RADIO ASSOCIATION

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

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

The Maricopa Amateur Radio Association is a 501(c)(3) non-profit organization. DUES: \$25.00/year individual, \$30.00/year family. Apply on-line at [www.copahams.org](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. Monthly meetings are held in various parts of Arizona. The schedule is as follows:

**Phoenix - Third Wednesday** of each month. Contact John Marshall at wa7bsr@gmail.com

**Prescott - Second Tuesday** of each month at 10:30 a.m. at Golden Corral, 1901 EAZ-69 in Prescott. 982.776.1664. Contact Don Broadston.

**Tucson** - Seeking volunteer to set up monthly meetings in Tucson.

The AZ Chapter meets on the air every Sunday morning at 0700 MST (0730 during December and January) on 3890 +/- QRM. During December and January, the net time is moved to 0730 MST.

President	John Marshall	WA7BSR	623.334.2583
Vice President			
Secretary			
Treasurer	Dave Hanson	W7BJw7bj@outlook.com	
Webmaster	John Marshall	WA7BSR	623.334.2583

Web Site: <http://azqcwa.org> Email: [azqcwa@gmail.com](mailto:azqcwa@gmail.com).

DUES: \$7.00/year and current national QCWA membership.

## MINGUS MOUNTAIN REPEATER GROUP

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

President	Bob Sitterley	K7POF	928.636.2146
Vice President	Ray Tyrrell	N6MY n6my73@gmail.com	
Treasurer	Bob Sitterley	K7POF	928.636.2146
Secretary	Lori Cripps	WA7EDI	602.955.7517
Board Members:	Gary Hamman	K7GH	
	Butch Merrill	K7JOG	
	Jerry Roberts	KB7CN	
	Ken Rasback	KK7KEN	
	Tom Raczykowski	N7MMC	

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	Randy Beecroft	W7RJB	
Vice President	Jim Mortensen	W7AZY	
Secretary	Marie Mortensen	N7SKS	
Treasurer	Dennis Wilkes	W7DRW	928.739.4700

Mailing Address: Kachina Amateur Radio Club, P O Box 2996, Show Low, AZ 85902. Email: [kachinainfo@drwilx.com](mailto:kachinainfo@drwilx.com) Testing Info: White Mountain V.E. Team: [VETesting@cablone.net](mailto:VETesting@cablone.net). Dues are \$15/yr for individual; \$25/yr for family. Membership is January 1 - December 31. Website: [www.kachinaarc.org](http://www.kachinaarc.org)

## ARIZONA REPEATER ASSOCIATION, INC

The Arizona Repeater Association general meeting is held the **FOURTH THURSDAY** of each month at 7:30 p.m. There are no meetings in July and December. The November meeting is held the Monday before Thanksgiving. Meetings are held at Denny's Restaurant, 825 S 48th Street in Tempe, near SR143 and University Drive. Visitors are welcome. Come early for food and social time before the meeting starts. For further information about the ARA, including repeaters, site status, and the tech/board meeting, please visit our web site at [www.w7ara.org](http://www.w7ara.org).

President	Brian McCarthy, AK7F	ak7f@w7ara.net
Vice-President	Erv Heimbeck, K0OTZ	k0otz@w7ara.net
Treasurer	Cole Cunningham, AA7RD	aa7rd@w7ara.net
Secretary	Jim Hoff, N7XXX	n7xxx@w7ara.net

### Board Members:

Lance Halle, KW7LH	kw7lh@w7ara.net
Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
Doug Pelley, WB7TUJ	wb7tuj@w7ara.net
Joe Godfrey, AE7JG	ae7jg@w7ara.net
Dennis Campbell, AE7WU	ae7wu@w7ara.net
Mike Montalvo, KF7MBK	kf7mbk@w7ara.net
Marty Dusenberry, KE7DGP	ke7dgp@w7ara.net
James Wasson, N7ELL	n7ell@w7ara.net

For Membership Information, contact (Joe Godfrey, AE7JG membership@w7ara.net) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit <http://w7ara.org/mbr/Membership.aspx>. DUES: \$18.00/yr. (Jan. 1 through Dec. 31) with a one-time initiation fee of \$10.00. Life and family memberships are available.

## SUPERSTITION AMATEUR RADIO CLUB

The Superstition Amateur Radio Club meets the **THIRD TUESDAY** of every month (except December) at 7:00 p.m. at the Charles K Luster Building, 640 N. Mesa Drive (near N. Mesa Drive & E University Dr.) in central Mesa. Visitors are Encouraged. The Officers and Board of Directors meet the second Tuesday of every month (except December) at 6:30 p.m. at Black Bear Diner, 1809 E. Baseline Road (near Gilbert Rd & E. Baseline Rd.) in Gilbert.

President	Andy Keels	KD4ABB	480.622.4000
Vice President	Ed Taggard	K7EDT	480.813.7440
Secretary	Brent Butler	W7FK	480.332.1141
Treasurer	Bryan Hubbard	KF7DPC	480.205.8122
Board Members:	Jeff Harris	K2DFE	602.617.6930
	Jeff Heinze	N7CCW	480.720.7908
	Bob Thomas	N8ANV	239.253.8279
	Larry Fort	AB7C	480.861.7066
	Don Rollock	W2EUL	w2eul@yahoo.com
	Fred Atkinson	WB4AEJ	602.464.4406
	Steve Estes	KB7KWK	480.251.0551

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





# ADAW Member Clubs

## MARCA, Inc. / W7MOT

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

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

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

## CENTRAL ARIZONA DX ASSOCIATION

The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. (except for January Awards Banquet) at the Granite Reef Senior Center, 1700 N Granite Reef Road in Scottsdale. The May meeting is a BBQ dinner starting at 6:00 p.m., paid reservations required. Visitors always welcome. See [www.cadxa.org/meetings.html](http://www.cadxa.org/meetings.html) for a map.

President	Larry Loen	WO7R	lwloen@gmail.com
Vice President	Mike Fulcher	KC7V	kc7vmike@q.com
Secretary	Bob Davies	K7BHM	k7bhm@cox.net
Treasurer	Mike Wright	N7MW	n7mw@aol.com
Past President	Lee Finkel	KY7M	ars.ky7m@gmail.com
Board Members	Fred Hoffert, III	NA2U	cwman1@aol.com
At-Large	John Jolly	N7NWL	wa7nw1@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.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	Bill Noe	WG7W	president@w7yrc.org
Vice-President	John Snedden	KT7P	vice_president@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Board Members	Kathy Laing	KJ6KMK	kj6kmk.yarc@gmail.com
	Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com
	Dave Erlach	W7VXS	rocketdog@dslextre.com
	Mike Reid	N7IEP	mdr126@gmail.com
	John Laing	K7PRS	

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

## ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Ascension Lutheran Church located at 1220 W Magee Road in Tucson. (December is annual Christmas Party). Visitors are **VERY** welcome. Board Meetings are held at 9:00 a.m. at the Ascension Lutheran Church located at 1220 W Magee Road in Tucson. Check the web site at [www.tucsonhamradio.org](http://www.tucsonhamradio.org) for dates.

President	Steve Wood, W1SR	W1SR@arrl.net
Vice-President	Mike Peterson K7VTT	azmacguru@gmail.com
Secretary	Logan Zintsmaster KZ6O	kz6o@arrl.net
Treasurer	Hanna Eckert, KG7TPD	haneck@aol.com
Board Members	Fred Bresani W2HZ	
	Hal Long N7BAZ	
	Gary Pierce AE7GP	
	Marnee Dearman KG7SIO	
	Tom Ambler W7TRA	

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

## CHANDLER HAM RADIO CLUB

The Chandler HAM Radio Club (call sign N7CHN) meets the **SECONDSATURDAY** of each month at 9:00 AM at Tri-City Baptist Church, 2211 W Germann Road, Room #180 in Chandler (very back of parking lot). 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	Gary Laatsch	KI7PBR	pres@chandlerhams.org
Vice President	Norm Fasoletos	K7NWF	vp@chandlerhams.org
Secretary	Mary Stephen	AE6Q	sec@chandlerhams.org
Treasurer	Byon Garrabrant	N6BG	treas@chandlerhams.org

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

# ADAW Member Clubs

## CENTER FOR AMATEUR RADIO LEARNING

The Center for Amateur Radio Learning is a hands-on amateur radio station, W7ASC, located within the Arizona Science Center at 600 E. Washington, Phoenix. Hours of operation are the same as the Arizona Science Center (subject to availability of volunteers.) The station is located on the third floor of the Science Center, in the "My Digital World" gallery. Board meetings are held the last month of each quarter at the AZ Science Center. An annual meeting for all volunteers is held the **THIRD SATURDAY** of January. Watch ADAW for details.

President	Jack Landon	KD7ROB	480.759.5195
Vice President	Jim Felkey	N7BBS	480.966.7084
Sec./Scheduling	Sam Marshall	N7INV	602.291.0992
Treasurer	Karen McConaghy	NO7D	602.799.7338
Station Engineer	Ron Taylor	WA7GIL	602.390.5335
Webmaster	Allyson Lee	KI7LGD	w7asc.webmaster@gmail.com

### Board Members:

Jean Jolkovski W4CIH	ADAW, Publicity
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) is a group of radio amateurs that promotes video operation on linked repeaters and mesh networks. Our business meetings are in January and July. Monthly social meetings are the **THIRD SUNDAY** of each month at 6:30 PM at Denny's in Tempe or [whereby.com/amateurtvnetwork](http://whereby.com/amateurtvnetwork). Watch our nets on Wednesday and Sunday at 7:00 PM AZ time and Tuesday at 7:30 PM CA time. Video streams are on [www.youtube.com/amateurtelevisionnetwork](http://www.youtube.com/amateurtelevisionnetwork), search for W6ATN Live or W7ATN-Mesa Live. Send your live video to [whereby.com/amateurtvnetwork](http://whereby.com/amateurtvnetwork), W7ATN-Arizona and W7ATN-Mesa. Check in on [whereby.com/amateurtvnetwork](http://whereby.com/amateurtvnetwork), 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: 940 "ATV Talk" and 31024 "ATN"

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. Membership dues are \$75 annually. Affiliates are 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	Fred Peters	K7WFP
Secretary	April Kramer	KI7GFJ
Treasurer	Doug Totel	K9RZ
Board Member:	Gary Franklin	K8BKB
	David "Cee" Putman	W7DCP
	Krissy Larson	KI7GJJ
Past President	Pat Regan	KD7TFD
Committees:		
Membership	Krissy Larson	KI7GJJ
Technical Advisory	Frosty Oden	NQ1S
Equip. Donations & Sales		
	Ken Jenkins	WB6MMV
	or Jim Seay	WB7RBN

WVARC, P O Box 1573, Sun City, AZ 85372-1573. DUES: \$15.00/YR for family residing at the same address. MEMBERSHIP YEAR - January - December. Web Site: <http://westvalleyarc.com>. Email: [suncitywvarc@gmail.com](mailto:suncitywvarc@gmail.com)

## SUNLIFE AMATEUR RADIO CLUB

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

### Nets:

20 Meter Net: Monday, Wednesday, & Friday, 14329 Mhz SSB 12:30 p.m./11:30 a.m. during daylight savings time.  
 10 Meter Net: Tuesday & Thursday, 28.329 Mhz, SSB. 7:00 p.m./8:00 a.m. during daylight savings time.  
 Venture Out: 2 Meter Net: Monday, Wednesday, & Friday, 1:00 p.m., 146.58 MHz FM simplex, 12:30 p.m.

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

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



## ADAW Member Clubs

### AMO - ARIZONA MESH ORGANIZATION

The Arizona Mesh Organization (AMO), a newly formed 501(c)(3) amateur radio club, meets the **SECOND THURSDAY** of each month at the Charles K Luster building, 640 N Mesa Drive in Mesa. The organization's goals are to support ARDEN MESH networks throughout the state of Arizona, explore new technologies, support emergency and public service communications, and (of course) to have fun along the way. AMO's purpose is to promote the education of what amateur radio mesh is, to support and exchange information with mesh users throughout the state, and to further the technology of mesh radio itself. Weekly AMO radio nets are held from 7:00 to 9:00 PM on the 1st, 3rd, and 4th Thursday evenings of the month on the Superstition ARC linked repeaters - 147.120 and 449.600 and the KB7KWK-L Echolink node. Visit the web site at <https://arizonamesh.org> for more information on the AMO Club and up-to-date news.

President: Steve Estes, KB7KWK [president@arizonamesh.org](mailto:president@arizonamesh.org)  
 Vice-President Gary Hinton, AC7R [vicepresident@arizonamesh.org](mailto:vicepresident@arizonamesh.org)  
 Treasurer: Scott Gillins, W2KP [treasurer@arizonamesh.org](mailto:treasurer@arizonamesh.org)  
 Secretary: Michael Bailey, KI7LXY [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)  
 Paul Lowe, N7NLY [n7nly@arizonamesh.org](mailto:n7nly@arizonamesh.org)  
 Robert Fridell, N3BZ [n3bz@arizonamesh.org](mailto:n3bz@arizonamesh.org)  
 Rodney Fritz, WB9KMO [wb9kmo@arizonamesh.org](mailto:wb9kmo@arizonamesh.org)

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. Web Site <https://arizonamesh.org>

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



**ADAW**

## 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>ARAEDITOR</b>		
T D Kennard	N7ISR	<a href="mailto:n7isr@w7ara.net">n7isr@w7ara.net</a>
<b>ARCCEDITOR</b>		
Charlie Zurenko	N2TFS	<a href="mailto:chazur@icloud.com">chazur@icloud.com</a>
<b>ATNEEDITOR</b>		
Ed Olague	K5OLA	602.885.7725
<b>CADXAEDITOR</b>		
Lee Finkel	KY7M	<a href="mailto:ars.ky7m@gmail.com">ars.ky7m@gmail.com</a>
<b>CARLEEDITOR</b>		
Jean Jolkovski	W4CIH	480.664.7353
<b>CHRCEDITOR</b>		
Gary Laatsch	KI7PBR	<a href="mailto:ki7pbr@cox.net">ki7pbr@cox.net</a>
<b>KARCEEDITOR</b>		
Tara Haws	KI7KLJ	<a href="mailto:kachinaarc@gmail.com">kachinaarc@gmail.com</a>
<b>MARAEDITOR</b>		
Curt Steger	NA7CS	<a href="mailto:csteger515@gmail.com">csteger515@gmail.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>		
John Marshall	WA7BSR	623.334.2583
<b>SARCEEDITOR</b>		
Paul Finell	W7EFQ	602.741.6563
<b>SunlifeEDITOR</b>		
Bill Farina	KE0WPF	608.301.5544
<b>SuperstitionARCEEDITOR</b>		
Larry Kuck	WB7C	<a href="mailto:Ellsworth@us60.us">Ellsworth@us60.us</a>
<b>TBARCEEDITOR</b>		
Andrew Cornwall	KF7CCC	<a href="mailto:kf7ccc@arrl.net">kf7ccc@arrl.net</a>
<b>WVARCEEDITOR</b>		
David Putman	W7DCP	253.307.0544
<b>YARCEEDITOR</b>		
Don Bauer	WB7TPH	<a href="mailto:dbauer2250@aol.com">dbauer2250@aol.com</a>
<b>ADAWEMAIL</b>	<a href="mailto:adawaz@arca-az.org">adawaz@arca-az.org</a> or <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



### CHAPTER 16 BARRY M. GOLDWATER ARIZONA CHAPTER

It's that time of the year again - Holidays! This year will be very different from years' past though. With the number of COVID-19 cases on the rise again, the experts are warning against large holiday gatherings. They caution that these types of gatherings are prime targets for virus spread. And while you may long to spend the holidays with family and friends and share the joy of the season, it's better to be safe than sorry.

We celebrate Thanksgiving at the end of the month so it's time to reflect on everything we are thankful for.

It's been a tough year for all of us. Our lives have been turned upside down and inside out. Nearly all of our hamfests and social events have been canceled. We have endured being required to stay in our homes unless we absolutely had to go out. We have had to search for scarce supplies. Who would have thought that finding toilet paper would be a cause for celebration! All the struggles of this year have shown how resilient and resourceful we can be when we put our minds to it. However, there are still things to be thankful for.

We can be thankful that the sun still rises and we're able to see it - or feel it on our skin. We can be thankful for our friends and family, even though we've had to come up with some resourceful ways to stay in touch. We can be thankful for the first responders, the front-line workers, the essential workers, and all those who put their own lives at risk and worked tirelessly to keep us safe and healthy. We can be thankful that we've made it this far and look for a better year to come.

Thank you to the club editors who have diligently provided news of their clubs for the pages of ADAW. Thank you to our advertisers whose support is so essential. Thank you to you, our readers. Without all of you, there would be no need for ADAW to be published.

Have a wonderful Thanksgiving. Please stay safe and stay healthy.

Until next month,  
Chris, N7PVL

Amateurs in Arizona with twenty five years of experience are invited to join the QCWA. There are monthly meetings in various parts of Arizona

### Phoenix, AZ

Third Wednesday of each month at 9:30 AM  
Contact: John L Marshall  
[WA7BSR@gmail.com](mailto:WA7BSR@gmail.com)

### Prescott, AZ

Second Tuesday of the month at 10.30 AM  
Golden Corral  
1901 E AZ-69  
Prescott, AZ 86302  
928-776-1664  
Contact: Don Broadston

### Tucson, AZ

We need a volunteer to set up monthly meetings in Tucson.

Officers are:

(All officer positions are open for volunteers.)

President: John Marshall WA7BSR 623-334-2583

Vice President: Open

Secretary: Open

Treasurer: Dave Hanson [W7BJw7bj@outlook.com](mailto:W7BJw7bj@outlook.com)

Webmaster: John Marshall WA7BSR [WA7BSR@gmail.com](mailto:WA7BSR@gmail.com)

Web Site: <http://azqcwa.org> Email: [azqcwa@gmail.com](mailto:azqcwa@gmail.com).

DUES: \$7.00/year and current national QCWA membership.

## ADAW



**Don't Forget to Vote  
November 3rd**



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

W7ASC is a Demonstration Station for the Amateur Radio (public) Service. The Volunteers who operate the station are members of the Center for Amateur Radio Learning (C.A.R.L.), a 501(c)(3) corporation. W7ASC is open to all who visit to the Arizona Science Center (ASC) during those hours when the 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.

### **W7ASC STILL OFF AIR**

As of early October 2020, our club station had not reopened. W7ASC is physically located within the Arizona Science Center, (ASC) and is subject to rules that apply there. As of early October, when this Newsletter is being drafted, ASC was open only to limited numbers of members and then only in small groups that had to be guided through the see-only exhibits. W7ASC is primarily an interactive station, so it does not fit in the see-only category. So it remains closed, probably until the virus is generally under control.

What happens to the corps of station volunteers, members of the Center for Amateur Radio Learning (C.A.R.L.) who have kept the station operating for over 20 years? The Club officers decided that it is important to maintain the members’ sense of community, so they started and have maintained a Net on a local UHF repeater (a normal Ham radio response).

The net meets Wednesdays and Saturdays at 0900 MST, on the 440.375MHz repeater located on South Mountain (owned and maintained by Ron AJ7T - thanks!). This repeater covers a large area of Phoenix and supports both analog and digital formats.

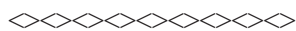
Our CARL net usually has two segments. The first is a roll call. That is followed by a discussion period, with the major topic usually suggested by the Net Control, a position that is rotated through the group of volunteers. On Saturdays, the CARL net is usually followed by a ZOOM net, hosted by Jim N7BBS. Our UHF CARL net is totally open. Visitors are always welcome!

Some day, we hope, ASC will reopen and W7ASC will return to the air and visitors will once again be introduced to Morse code and Ham radio. When that takes place, the CARL net, having served its original intended function, will probably close. We all hope that takes place in the near future, and this

*Continued Next Column*

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

Newsletter will again be able to report actual W7ASC station activities!



### **Book Report:**

#### **WHAT? A book review in a Ham newsletter!**

A book that should fascinate Hams is “Jackdaw” by Ken Follett. You might find it in the public library, as this scribe “read” a copy that was provided by the Phoenix Talking Book service as provided by the library.

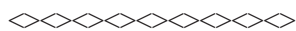
The author, Follett, a Welshman who now lives in London, has written many well-read spy stories. This book tells a fictional tale during WW II that takes place at the time of the invasion of the continent when the Allies started to retake France from Hitler.

The Jackdaw story, while fiction, is based on actual events. Though the character names are fictional, there were real people engaged in the actions as described in his book. The Allies sent teams of spies based in England to work with the French Resistance behind the German lines. The spies were organized into teams with each given a name. This book is about a team of women and their team name was Jackdaw.

Each team included a radio operator. They carried a simple QRP radio, CW only. Transmitter and receiver were housed in a briefcase. Every team included a radio operator. The German Gestapo made serious effort to eliminate these infiltrating teams equipped to do serious damage behind German lines. Team Jackdaw was tasked to damage telephone communication that would be used to coordinate the German response to the D-day invasion.

This book details in gripping detail the interaction between the team and the members of the French Resistance. Radio communication between the team and their managers back in England is a key thread in a story where much of the key suspense involves the radio operator, Morse code, Gestapo listeners and the radio operators back in England.

Follett has written many great spy stories, but this one should really appeal to Hams. Those who are veterans of WW II will have a hard time putting this book down.



### **Coming Attractions**

In a coming ADAW CARL newsletter, there will be a point in time when the very concept of Ham radio was threatened to be eliminated. Clearly, that never happened, but it came close. Tune in to future ADAW newsletters in order to read this fascinating true recitation.

Until next month,  
73 from your faithful scribe,  
W4CIH Jean.



Communicate via email at [joljean@yahoo.com](mailto:joljean@yahoo.com) (new address!!). And do not forget the Three C’s. Comment, Criticize and Contribute.





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

It looks as if the triple-digit days of summer are behind us at long last. We set a new record for the number of days the temperature hit 100 or more in Phoenix this year. By this time, we are usually out socializing with other hams at one of the many hamfests around the state. Not so much this year. Let's all continue to do our part to reduce the spread of COVID-19 so that we can look forward to resuming some of the activities we have all very much missed this year. Follow the advice of experts, stay vigilant, mask up and be mindful of social distancing in your daily routine.

As this is being written, yet another wildfire has caused Arizonans to evacuate their homes. The Horse fire is threatening Crown King and residents have had been told to head for safety. The Red Cross opened an evacuation center in Mayer for those displaced by the fire. We hope their evacuation will be a short one and that they will be able to return to their homes in short order.

Earlier in the week, the Arizona Red Cross Communications Club participated in the Great Shake Out, an annual earthquake preparedness event. Ironically, the Shake Out took place two days after Flagstaff felt the effects of a magnitude 3.3 temblor. We should always be prepared when disaster strikes. Most of us are well aware of the potential for wildfires or flooding across our state but we don't typically think of an earthquake when we consider disasters that affect Arizona.

The Red Cross urges all Americans to be prepared for disasters, natural or man-made. You should develop a plan for you and your family. Should you ever need to evacuate, each family member knows what they need to do to stay safe. As you develop your plan, you should also build a kit. Your disaster supplies kit is an important part of any disaster strategy and should be tailored to your family's needs. You can find out more about how to assemble a disaster supplies kit by visiting the American Red Cross website.

In November, Red Cross and ARES operators across the country will take part in a WinLink exercise that will test our ability to send email messages over the radio. This important skill enables amateur radio operators to fill the void when internet and phone service is disrupted. A recent incident near Heber caused the loss of all phone and internet service, including service to the 9-1-1 dispatch center. Local hams from Forest Lakes and Heber all the way to Flagstaff stepped up to

*Continued Next Column*

## For Sale / Wanted



**LOOK!  
Great Deals!**

## For Sale

**70CM Yagi** - 70 CM Yagi, KLM model 440-16X. Gain 14.0 dBd, Broadbanded 420-450 MHz. Boom length - 10 ft, 3 in. \$70 including manual.

Contact Erik Basilier K7TV at [ebasilier@cox.net](mailto:ebasilier@cox.net)

**Steppir 3-Element Antenna** with optional 40M - 30M Dipole (Trombone) Kit. Also with 6M passive element, SDA 100 with D25 splice, and plug in connector junction box (pipe-bomb upgrade). Excellent Condition - \$2,000.00

Contact Bob Drake AF7EL at 623.385.6531 or email [af7el@yahoo.com](mailto:af7el@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.

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

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).

**ADAW**

---

---

### **ARCC Continued from Previous Column**

ensure that essential communication links were maintained for the duration of the outage. If you have an interest in Emergency Communications and would like to know more about our club, we invite you to visit our website at [www.k7arc.org](http://www.k7arc.org) and see what we have to offer.

## Hamfest Calendar

7 November 2020 - **Cochise Hamfest and 7th Region Communications Exercise** - hosted by the Cochise Amateur Radio Association will be held at the club site, 2756 South Moson Road in Sierra Vista. Gates open at 7:00 AM. Free Admission and Parking. Tailgating - \$5. Inside Table - \$10. VE Testing from 9:00 until 11:30 AM. Coffee, Pastry, and Drinks Available. Hourly Prizes with Main Prize drawing at 12:00 Noon. Talk-In on 146.76(-) Pl 162.2 Hz.

7 November 2020 - **HARKfest** - hosted by the Hassayampa Amateur Radio Klub will be held at North Ranch Escapees RV Park, 30625 S Hwy 89 in Congress. ARRL Card Checking, Free Admission, Free Tailgate Site (Pre-Registration is Required. Email: [bridges.slt@amfrc.org](mailto:bridges.slt@amfrc.org)) Overnight Camping (Full Hook-Up or Dry) is available (Pre-Registration is required for camping at [northernranch@escapees.com](mailto:northernranch@escapees.com)) Tailgating permitted at campsite. Free VE Testing via LARC VE testing - Must Pre-register via email to [cecarter39@yahoo.com](mailto:cecarter39@yahoo.com) - Prizes - Arts & Crafts Show at the Activity Center 9:00 AM - 2:00 PM. Lunch will be served at the Activity Center. Talk-In 146.620 (pl 162.2) or 146.580 (simplex) Visit the web site at [harkaz.org](http://harkaz.org) for up-to-date information. Questions? Email Duane Grooms, KD0KYK at [djgrooms@yahoo.com](mailto:djgrooms@yahoo.com)

14 November 2020 - **Oro Valley Hamfest** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11285 West Grier Rd in Marana. Gates open at 7:00 AM, closes at 1:00 PM. Admission is \$5.00 which includes a bottle of water. Children under 13 with a paid adult and students with any Arizona school ID are free. Sellers spaces are \$10.00 per space and includes seller's admission. Indoor VE Session with pre-registration preferred, but not required. Send an email to pre-register (email [licensing@tucsonhamradio.org](mailto:licensing@tucsonhamradio.org)). Interesting Seminars - ARRL Card Checking and LOTW Assistance at ARRL Booth - Food Truck for Breakfast and Lunch. Contact [hamfest@tucsonhamradio.org](mailto:hamfest@tucsonhamradio.org) for more information. Visit the website at [www.tucsonhamradio.org](http://www.tucsonhamradio.org).

5 December 2020 - **Superstition Superfest Prize Drawing & Pizza Party** - hosted by the Supersition Amateur Radio Club will be held at Organ Stop Pizza, 1149 E Southern Avenue in Mesa. Hours are 8:00 AM - 2:00 PM. Parking lot opens at 8:00 AM. 30 Free Tailgate Space Available by Reservation ONLY - No Tables Allowed. Go to <https://signup.zone/ei3yH25PRvmNsvmt8> to reserve space. Admission is Free. Organ Stop Pizza doors open at 10:45 AM. All You Can Eat Pizza Buffet - \$8.75/person - Cash Only - Drinks Extra. Organ Concert 11:00 AM - 1:00 PM. Grand Prize Drawing at 1:30 PM.

9 January 2021 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club. **POSTPONED** Watch for details

19-20 February 2021 - **Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization. Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Visit [www.yumahamfest.org](http://www.yumahamfest.org) for information. Watch for more details. **CANCELED**

27 March 2021 - **RST Tucson Spring Hamfest** - hosted by the Radio Society of Tucson will be held at the Target Store, 9615 E Old Spanish Trail in Tucson. Hours - 7:00 AM - 11:00 AM. Set up begins at 6:00 AM. Free Admission and Buyer Parking. Tailgate Spaces \$10 per Parking Space. Free VE Testing at 9:00 AM to 11:00 AM - GOTA Station - QSL Card Checking - Prizes. Morning Snacks Available for Purchase. No Alcohol, Drugs, or Firearms. Talk-In Frequency 146.800 FM Tone 156.7. For Information & Map, visit <http://www.k7rst.org>

1 May 2021 - **Cochise Hamfest and 7th Region Communications Exercise** - hosted by the Cochise Amateur Radio Association will be held at the club site, 2756 South Moson Road in Sierra Vista. Gates open at 7:00 AM. Free Admission and Parking. Tailgating - \$5. Inside Table - \$10. VE Testing from 9:00 until 11:30 AM. Coffee, Pastry, and Drinks Available. Hourly Prizes with Main Prize drawing at 12:00 Noon. Talk-In on 146.76(-) Pl 162.2 Hz.

25 September 2021 - **RST Tucson Fall Hamfest** - hosted by the Radio Society of Tucson will be held at the Target Store, 9615 E Old Spanish Trail in Tucson. Hours - 7:00 AM - 11:00 AM. Set up begins at 6:00 AM. Free Admission and Buyer Parking. Tailgate Spaces \$10 per Parking Space. Free VE Testing at 9:00 AM to 11:00 AM - GOTA Station - QSL Card Checking - Prizes. Morning Snacks Available for Purchase. No Alcohol, Drugs, or Firearms. Talk-In Frequency 146.800 FM Tone 156.7. For Information & Map, visit <http://www.k7rst.org>

30 October 2021 - **Copafest** - hosted by the Maricopa Amateur Radio Club will be held at The Ultrastar at Ak-Chin Circle, 16000 N Maricopa Rd in Maricopa. Hours are 7:00 AM until 1:00 PM. Admission Donation is \$5.00 per person. Spaces are \$10.00 for two parking spaces. Setup begins at 5:00 AM. Balloon Launch, VE Testing, Card Checking, Vendor Exhibits, Seminars, Prizes and more. Many activities available in the Multitainment Center including laser tag, bowling, movies, games, dining and more. Dining and Hotel also available. For information, email [fest@copafest.org](mailto:fest@copafest.org) or visit the website at [www.copafest.org](http://www.copafest.org).

18-19 February 2022 - **Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Visit the web site at [www.yumahamfest.org](http://www.yumahamfest.org) for up to date information.



Our virtual reality . . .

Our September general meeting once again happened on a bunch of monitors, rather than in person. This time, Virgil Silhanek K7VZ (who's the Public Information Coordinator for the ARRL) showed us what the ARRL has been doing, and how we can work together to further ham radio in Arizona. One thing of interest he mentioned was the ARRL Learning Network - worth looking into if you're interested in finding out more.

As of press time, topics were still in the air - we're all dealing with a little more uncertainty, and that gets magnified. But we know for sure that you'll have a good time at the meeting! Things start happening at 6:30 p.m. with general socializing, then the business meeting around 7:00 p.m., and then the main presentation. The URL is on the website - [w7tbc.org](http://w7tbc.org) - on the front page. Hop on even if you aren't a member — we welcome guests as well! See you there!

Elections happen in November!

By the time you read this, the October meeting is likely to be in the books, but November is coming fast! We'll have a pretty good idea of who's running at the October general meeting, but the real action happens in November. That's when you decide who's on the board for next year. We'll be picking two directors, a secretary, a treasurer, a vice president, and a president. Make your opinion known! We promise your vote will be counted!

And your vote won't just change the executive: this year, we'll be voting to change the way the executive is elected as well. Instead of voting for individual officeholders, we have a suggestion to change to a parliamentary model where you elect directors, and they choose the executive from among them. Good idea? Something you're against? Come to the November Zoom meeting and let us know!

No buffet this December - let's meet on air instead!

We keep having to adapt our institutions, and our Christmas/Holiday dinner is another victim of 2020. Not gone forever, but gone for 2020. Golden Corral's parent company has entered Chapter 11 bankruptcy, and the whole idea of buffet dinner seems to be evolving. So instead, let's get together on Tuesday, December 8 on the TBARC weekly net to enjoy our evening.

### *TBARC Continued from Previous Column*

It's ham radio, so there won't be any club business - but we'll have the opportunity for great conversation and enjoyable company! See you there at 7:30 p.m. local time on 147.040 (+600 kHz, 162.2 Hz tone), or 446.150 (-5 MHz, 100 Hz tone).

Hamfest on hiatus

Another victim of our current reality is the TBARC hamfest. The board agreed that we aren't going to be able to hold it in January. We're looking at dates later in the year - perhaps when the crowd will be, well, a crowd, rather than fifteen people. This is not a cancellation, but definitely a deferral. Right now we're aiming to have the hamfest some time in the second quarter of 2021.

Can you count to 170?

Despite the pandemic, our membership rolls have been growing. Thanks to everyone who has joined! We're within striking distance of the magic 170 - astonishing in a year like this! Clair Wyant KG7MAJ, our membership coordinator, has been keeping track. These days he'd like to pass that role to someone new - that could be you! If you're interested in how the club is run and want to bring your ideas, get in touch with Clair ([membership@w7tbc.org](mailto:membership@w7tbc.org)) or Charlie ([president@w7tbc.org](mailto:president@w7tbc.org)) for more details.

VE sessions are go!

Last month we had around 15 attendees at the VE session, split between two rooms: one for technicians only, and another for everyone else. That lets our general-class VEs give the technician tests, while our extra-class VEs manage the rest. The Northwest Christian School has provided the two rooms. Bring your mask - and your pencil! Visit the club website, [w7tbc.org](http://w7tbc.org) to register for a spot or to learn more about it.

Arizona QSO Party

The Arizona QSO party happened in October - and TBARC members worked as individuals, rather than as a club, although there was a Zoom conference to join if you wanted to. One good thing about having to stay by your shack: there are a lot of operators doing likewise! I hope you got a record score!

What happened to the physical world?

We're still eagerly awaiting the time when we can all get together - perhaps even shake hands! Until then, we'll stay in the world of video cameras and headset microphones. We won't be doing that forever, though - stay in touch with your TBARC friends! The latest news will, of course, be posted on the website, [w7tbc.org](http://w7tbc.org)!

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

*Continued Next Column*

**ADAW**



## 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.**

### November Test Sessions

**Nov 3rd** - PV Ham Study Group -- 6:00 PM

Trinity Lutheran Church, 3950 N Valorie Dr, Prescott Valley  
Contact - J M Scherfling 928.632.2050  
No Walk-Ins - Call Ahead

**Nov 17th** - Hassayampa AR Klub -- 2:00 PM

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

**Nov 7th** - CHRC Laurel VE Team -- 10:00 AM

Tri-City Baptist Church, 2211 W Germann Rd, Chandler  
Contact - Norman Fasoletos 602.319.4834  
Appointment Only / No Walk-Ins / Call Ahead

**Nov 18th** - Thunderbird ARC -- 6:00 PM

<https://www.w7tbc.org/ham-radio-license-ve-exams/>  
See Website for Location  
Contact - Walter Reinert 602.668.7804  
No Walk-Ins / Call Ahead

**Nov 7th, 14th, 21st, 28th** - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa  
Call or Email Team to Schedule a Test/On Demand Testing  
Contact - Robert Bingham 480.404.1408  
No Walk-Ins / Call Ahead

**Nov 21st** - Hualapai ARC -- 10:00 AM

Fire District Station 31, 2485 E Northern Ave, Kingman  
Contact - Alyce Ingle 425.231.9123

**Nov 7th** - K7ARC VE Team -- 9:00 AM

American Red Cross, 4747 N 22nd St, Phoenix  
Contact - Brandi Bridges 530.541.0760  
No Walk-Ins / Call Ahead

**Nov 21st** - 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 / Call Ahead / Limited Seating

**Nov 9th** - East Valley VE Team -- 6:00 PM

640 N Mesa Dr, By the Flag Pole, Mesa  
Contact - Fred Bollinger 480.242.8606  
No Walk-Ins / Call Ahead

**Nov 28th** - Arizona ARC -- 10:00 AM

American Red Cross, 4747 N 22nd St, Phoenix  
Contact - Gary Hamman 602.996.8148  
Masks Required / No Walk-Ins  
Pre-Register Required by Thursday, 9/24

**Nov 9th** - Radio Society of Tucson -- 7:00 PM

Biscuits Country Cafe, 7026 E Broadway Blvd, Tucson  
Contact - Diane Zimmerman 520.664.5070

**Nov 28th** - Yavapai ARC -- 9:00 AM

The Church of Jesus Christ of the Latter Day Saints,  
7073 Pronghorn Ranch Pkwy, Prescott Valley  
Contact - Donald Bauer 928.775.4690  
Pre-Register online: [www.w7yrc.org](http://www.w7yrc.org)

**Nov 10th** - WARC -- 7:30 PM

Senior Circle Bldg, 2728 Silver Creek Rd, Bullhead City  
Contact - Carolyn Krick 928.897.7439

**Nov 14th** - Yuma ARC -- 9:00 AM

Yuma County Sheriff's Office, 141 S 3rd Ave, Yuma  
Contact - John Ham 970.927.3273  
No Walk-Ins / Call Ahead





At the October 8 on-the-air AARC club meeting, I asked, “Do you know who the president of the ARRL is? Or for that matter, did you know that the ARRL has a president?” The president of the ARRL is Rick Roderick, K5UR, and a look at the ARRL letter of February 13, 2020 states that at the January 17-18 meeting in Windsor, Connecticut, the ARRL Board of Directors re-elected ARRL President Rick Roderick, K5UR, to a two-year term.



Rick lives north of Little Rock, Arkansas on a 50-acre hilltop QTH. He’s been a ham for 52 years and is a Life Member of the ARRL.

Rick has held numerous ARRL volunteer positions continuously for all of those 52 years. He has been on the ARRL Board of Directors for 29 years and currently serves as

President. He has served on all standing committees of the ARRL Board of Directors and served on numerous other committees and task forces of the Board over the years. He also served on the DX Advisory Committee and was chairman for many years. He was instrumental in the creation and implementation of Logbook of the World and the DXCC Challenge Award.

Rick has held numerous HF and VHF/UHF operating and achievement awards. Rick is an avid DXer with 371 countries worked, including 327 countries on 160 meters, 353 countries on 80 meters, 354 countries on 40 meters, some of the top standings in the world. He holds DXCC on 10 bands and is ranked 7th in the world on the DXCC Challenge Award. He holds more than 10 different Worked All Zones Awards, and was one of the first to achieve Worked All Zones on 160 meters. On VHF/UHF, he’s held many operating and achievement records, including the world distance record for QSO’s on 2 meters meteor scatter and 222 MHz tropo. He was one of the first to work all continental 48 states on 2 meters without the use of moon bounce, 47 states in one year. He is second in the world on 6 meters VUCC and first in the world on VUCC for 2 meters, 222 MHz, 432 MHz, and 1296 MHz for non-EME. He received the Fred Fish Memorial Award #3 for having worked all grid squares in the United States on 6 meters.

Rick graduated from the University of Arkansas with a B.S. degree in Mathematics, an M.S. degree in Operations

On October 23, Christine Kesauer, N7PVL, Charlie Zurenko, N2TFS, and I attended a videoconference with Congresswoman Debbie Lesko and a group of hams from the Phoenix west valley. It was hosted by Mark Heroux, N1MAE, who lives in Debbie’s district. The purpose of the call was to discuss her sponsorship of a bill that would declare April 18, 2021 to be National Amateur Radio Recognition Day. Debbie has expressed great respect for the Amateur Radio Service and shared that her husband is also a ham. We will keep you posted as this bill moves through the US Congress.

Because she is supportive of our cause, I sent her a message asking for her consideration of the upcoming FCC proposal to reinstate license fees. Hopefully, since the FCC says this is a congressional mandate, an inquiry from Congress may make a difference. You should also consider contacting your representative yourself to express opposition to this bill. Once a fee is initiated, it’s almost impossible to get it reversed.

Please share this information with your club members.

73,

Steve, W6SDM - Chairman  
Amateur Radio Council of Arizona




---

*AARC Continued from Previous Column*

Management, and a J.D. in law degree. After working 20 years in business, he entered private practice with an emphasis in labor and employment law, and is Managing Partner of a law firm with three locations in Arkansas. He and his wife, Holly, have two grown children. Holly is well known for her active part in representing Amateur Radio and the ARRL wherever they go.

He loves ham radio!

—Lori, WA7EDI

*Continued Next Column*





*KARC Continued from Previous Column*

Curtis Wall	KJ7MAQ - General
Owen Rhoton	KJ7PNI - General
Bryce Rhoton	KJ7PNJ - General
Blaine Rhoton	KI7WFH - Extra

Thanks to the Taylor Fire Station for providing the facilities and thanks to the Volunteers and the WMVE Team for putting on this Amateur Radio Licensing Test Session, it's appreciated!



Jim W7AZY and Marie N7SKS Mortensen spent an enjoyable day in Concho helping a new Technician, Sharilyn Dastas KJ7RGH, get on the Air! Jim put a Dual Band Antenna up about 20 feet.

Hello to you all from the Kachina Amateur Radio Club!

It's nice to be in November! Looking forward to this month and all it has to offer. Those of you in the warmer climate will be welcoming the cool-down, and for us it is the chill-down. October was a really busy time for us up here. Still, some work goes on in November, but not all at once. Some are continuing on, in winding down their gardening efforts and preparing cabin and farm alike, for the coming winter and the promise of the coming Springtime. The pumpkin patch/corn maze in Snowflake has delighted many. The Aspens are so vibrant and beautiful and the vining leaves are getting to that wonderful red leaf stage that paints a picture of what Autumn should look like as you see the leaves on a dirt road that Mother Nature has so artfully sprinkled about with the gentle Autumn winds. The sun shining bright during the day and the bright moonlit nights, the elk bugling and the leaves rustling and the cool crispness in the air is all a rush to the senses, especially after hearing so much turmoil and departure from the true line in the world today. In the evenings up here, the heavy meteorite traffic can be seen in the nighttime skies. This time of year, many meteorite showers show their brilliant display of seemingly firework-like tails streaking across the starlit sky. Do you still make a wish on a shooting star? Hitch your wagon to a star and follow it! It's invigorating!

It has been so good to hear so many of you on the air. Repeaters are being attended to, people adjusting their personal antennas, or in some cases getting a new antenna up for the first time, and learning more about their radios – new and old radios alike. Always working to get, and stay, on the Air.

Speaking of getting on the Air, we had a Ham Radio License Test Session up here on October 3rd. There were many smiles of happiness and relief, as individuals were congratulated on their Upgrades or New Ham Ticket! The Rhoton family sure is plowing through, with Dad Blaine, leading the way. Nine of you put in a lot of studying time to make your callsign shine! You have your official name in the world of Amateur Radio! Congratulations to all of you and welcome!

Here are the results:

Ted Smerekanich Sr.	KJ7RGG - Technician
Sharilyn Dastas	KJ7RGH - Technician
William Brittain	KJ7RGI - Technician
Nick Stankovic	KJ7RGJ - Technician
Audra Rhoton	KJ7RGK - Technician

Doug Troxel NQ5G, will again be holding a Technician Study Class to prepare individuals for a Testing Session. The dates of the classes are November 21st, Saturday 8-12 noon, 22nd, Sunday 12-4 p.m. (No charge for Classes). They will be held at the Taylor Fire Department, 411 Papermill Road in Taylor. Thanks for making these classes available! Thanks to the Taylor Fire Department, too!

\*Just as a reminder, beginning 1/1/2021, New Applicants for an Amateur Radio License must have an FRN (FCC Registration Number) BEFORE testing. After that date, the FCC will no longer accept the use of a new applicant's SSAN.

Meanwhile, the new Hams may be getting their feet wet with their first antennas, Dennis Mills WA7ZZT, has his way of getting ready for those cold days of winter and added to his range. He had some friends to help him put up a Three-Band Beam on his tower back in September. A tower grabber, with all of that signal seeking and receiving, it will make any day a fun snow day this winter! Involved were Dennis Mills WA7ZZT, Steve Herron AG7GD, Randy Beecroft W7RJB. Photo credits go to Steve Herron AG7GD and Dennis Mills WA7ZZT.

*Continued Next Column*

*Continued on Page 15*





Here is the antenna on the ground and Dennis Mills WA7ZZT.



W7RJB Randy guiding the antenna into place with WA7ZZT Dennis doing the heavy lifting on the ground and AG7GD Steve had the tag line guiding the antenna away from obstacles.



W7RJB Randy watching WA7ZZT Dennis, rotate the antenna system to be sure that all was OK. What a great sight! Oh, the places he'll go!



W7RJB Randy installing a way to pull up wire antennas from the ground.

On October 17th, the Amateur Radio Tailgate Swapmeet was held in Show Low from 8-12 noon, at the Masonic White River Lodge #62, 741 E. Whipple Street. Rick Gurk W8YBM was the main contact there. It was \$5 dollars to tailgate and free to walk-in. We'll bring a report on that, next month.

In October we held our monthly club meeting. It was time to make nominations for the upcoming years' new club officers. This month on the 10th, at our meeting, the club members will vote on those nominations and we'll have our Club Board ready to go when the new year comes! So much work goes into having a club, and it takes a lot of willing souls to make it all come together and function and prosper! Thanks to all those who make it work for us up here! A club can be like a Repeater, everyone uses it and enjoys it and may even take it for granted most of the time because it works so well, but when it goes down and doesn't function as it should, that's when people take notice. We hope you appreciate your local club and those worker bees that get the jobs done and count yourself in for helping out in any way that you can.

Also, at the meeting, the club voted on changing our monthly meeting day to the second Tuesday of each month. The time is 6:30 p.m. with doors opening at 6:00 p.m. New Hope Christian Fellowship Church, 989 Cheney Ranch Loop, Show Low. Again, we'd like to thank Pastor Tom Brown and the Church Board at the New Hope Christian Fellowship Church, for allowing the Kachina Club to hold our meetings at this church building. What a great community service they have been to us! Thank you, Barbara Bell W6WKP for your work and contact, too!

After the meeting was adjourned, a presentation on Attenuators was made by W7RJB Randy Beecroft. It included the following: 1. Purpose, 2. Passive Attenuator, 3. Active or Offset Attenuator, 4. Demonstration. Some good information comes from these presentations. People were happy to meet with each other face to face, old friends and the newest Hams, too! We've grown in numbers up here. Just goes to show that even through a shutdown, growth can still happen, and be even better than before! We will be looking forward to LeDair Dixon's KF7UBT presentation on "Go Kits," at our meeting on November 10th.

We hope you have a great November. Everyone, take care of yourselves and each other.

Take care all and be well.  
Tara KI7KLJ

ADAW





**Superstition PizzaFest Swap Meet  
Saturday, December 5, 2020**

The Superstition ARC will host a scaled-down amateur radio and computer swap meet in Mesa on Saturday, December 5, with SuperFest Grand Prize tickets and Door Prize tickets on sale ahead of the 1:30 PM drawings.

There is no admission charge for either attendees or vendors.

There will be a limit of 30 vendors. Vendors will be given one parking lot space and must sell from the trunk or the tailgate of the vehicle, no tables allowed. Amateur radio gear and computers, plus accessories, only please.

Vendors, you are urged to leave your parking space and adjacent spaces free of litter when you prepare to leave. Thank you!

Vendor spaces will be offered on a first-come, first-served basis. Go to <https://signup.zone/ei3yH25PRvmNsvmt8> to reserve your space. You can highlight the link address, copy, and then paste into your browser. This link will expire when there have been 30 spaces reserved.

Organ Stop Pizza, 1159 E Southern Avenue in Mesa, has offered its parking lot from 8:00 AM through about 11:30 AM for the swap meet. Face masks are required and an empty parking space will be set aside between each vendor for social-distancing. Please be sure to bump elbows in place of a handshake.

Organ Stop Pizza will open its doors at 10:45 AM for all-you-can-eat pizza, a salad and entertainment from the world's largest Wurlitzer organ of its kind, beginning about 11:00 AM, for an admission fee of \$8.75 (cash only). Drinks and dessert will cost extra. Face masks are required at all times in the restaurant except for when patrons are seated to eat. Alternate tables will be set as off-limits for social distancing.

At 1:30 PM, the club will hold the Organ Stop stage for the SuperFest Grand Prize drawing, winner's presence not required. The club will also draw winning door prize tickets. For the Door Prize drawing, winner must be present.

The PizzaFest will be over at 2:00 PM so employees can prepare to open to the general public later in the afternoon.

Grand Prize Tickets are available ahead of time at [www.superstitionsuperfest.org](http://www.superstitionsuperfest.org). Minimum purchase is only 5 tickets for \$10.00.

*Superstition Continued from Previous Column*



- First Prize: Yaesu FT-991A: All-Band Transceiver.
- Second Prize: Icom IC-7300 HF/50MHz Transceiver
- Third Prize: Yaesu FTM-300 DR C4FM Dual-Band Transceiver.

**449.600 On Air at reduced coverage from temporary location**

The Cooling system at the Stone Castle has been replaced. Now we just need a cool day to put it and the repeater back in the Stone Castle. The Repeater is now operational at a temporary location and may be back in the Stone Castle when this ADAW comes out.

**November Club Meeting Tuesday, November 17 at 7:00 PM**

This meeting is our Election of Officers for 2021. Due to COVID-19 restrictions, club meetings are held on Zoom, an online videoconferencing site and on the 147.120 / 449.600 MHz repeater system, together with EchoLink. Zoom audio will be carried over the repeaters. Members of the club will receive emailed instructions for joining the video conference on Zoom.

If you are not a member of the club and would like to visit the video conference, please email [President@superstitionarc.org](mailto:President@superstitionarc.org) with a request to attend the online meeting. Andy, KD4ABB will add you to the member emails with instructions when they go out. Visitors are welcome to attend as always.

Our 147.120/449.600 Repeater will carry the audio portion of our meeting. There will be an opportunity to check in on the repeater and add your name to the attendance.

**Club Publication Article Submission Deadlines:**

For this ADAW column, please submit by 3rd of this month for next month. Publishes 24th of this month.

For the Communicator, the club's member newsletter: 27th of this month. Publishes first week of next month.

73 – Larry Kuck, WB7C

*Continued Next Column*

*Continued on Page 17*



Due to the ongoing situation with COVID-19, the November meeting will be held virtually using ZOOM. Meeting invitations will be sent to members via [Groups.io](https://groups.io) and Slack a few days before the meeting. For anyone else who wants to attend, send an email to [cadxa@cox.net](mailto:cadxa@cox.net). The next meeting will be Thursday night, November 5th, starting at 7:00 p.m. You can begin checking in at 6:30 p.m. and visit informally with other club members on Zoom until the meeting starts. Please turn off your computer camera and microphone when the meeting starts.

The November program will be Top Band DXing from Central Asia by Nodir Tursun-Zade, EY8MM, the most active and best known ham in Tajikistan. He made his first QSO in 1979 at age 11 from club station UK8JBD. He held the call UJ8JMM since April 1984 and became EY8MM in 1994. As a DXer, Nodir has earned 5BWAZ, 10BDXCC, 5BWAS, and DXCC Honor Roll #1. An avid 160m operator, he has earned both WAZ and WAS and is the first station in Asia to reach the 300 level on Top Band. In 2009, Nodir received the YASME Excellence Award. He has participated in DXpeditions including YA5MM (1992), D44TT (2002-03), AP2ARS (2010), VP8ORK (2011), FT5ZM (2014), VP6R (2019). He has also participated as a Referee or Judge at the WRTC in 2006, 2010, 2014, and 2018.

The October program was "Most Wanted DX Entities" presented by Bernie McClenny, W3UR. As the Editor and Publisher of The Daily DX and The Weekly DX, as well as the editor of QST's "How's DX" column, Bernie has unique insights into the activation of rare DXCC entities. He went through his list of the "Top 25" most wanted entities based primarily on ClubLog statistics. Bernie clued us in on when some of these entities may be activated in the future as well as when they had their last activations by individuals or DXpedition teams. Not surprisingly, North Korea and Bouvet are at the top of the list. You can see the video of Bernie's program on YouTube at <https://www.youtube.com/watch?v=zCYFIFOsTUg>.

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

See you on Zoom for the November meeting.

73,  
Larry Loen, WO7R  
CADXA President



## Public Service Calendar

### Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Arizona Emergency Net - Maricopa Picnic	Payson, Houston Mesa Campground, Fox 2 Group Site	05/15/2021
ADA Bike Rides	North Phoenix	10/23/2021
Auxcomm Interest	TBD	12/31/2021

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.



#### Superstition Continued from Page 16

##### Superstition ARC Repeaters

- 147.120 MHz (+) 162.2 Hz - Linked to 449.600 (-)
- 449.600 MHz (-) 100.0 Hz - Linked to 147.120 (+)
- 448.275 MHz (-) 100.0 Hz - Fusion
- KB7KWK-L Echolink Node

##### Club Nets

- Morning Drive Time Net: Mon-Fri, 7:00-8:00 AM - Trivia
- City of Mesa CERT Team Monthly Net: First Tuesday of month, 7:00 PM
- Weekly 6 Meter Sideband Net: Wednesdays, 7:00 PM on 50.140 MHz, W7ASL-L EchoLink, and 145.575 FM Simplex
- Club Net: Wednesdays, 8:00 PM - Discussion, Elmer Q&A.
- Mesh Information Net: Thursdays, 7:00 PM - Net control Steve, KB7KWK
- 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.



# QUARTZFEST

QUARTZFEST is now “QUARTZ-PAUSE” 2021

YES, Quartzfest is now Quartz-PAUSE 2021, same B.M. place, same station, same excitement, January 17, Sunday, through January 23rd, Saturday, 2021.

“NOTHING WILL BE ORGANIZED” . . . just like the first four years of Quartzfest 25 years ago! WHO IS IN CHARGE???. . . NO ONE IS IN CHARGE!! We are all ON OUR OWN!!

Covid-19 precautions preclude our regular tent gatherings, tent registrations, packed seminars, and the like. Social physical distancing and masks will keep us on-point to avoid any virus during this pandemic.

Quartz-PAUSE will continue to be radio ACTIVE. Talk in on 146.550 simplex. Park ANYWHERE you want, and leave more room to spare. Announcements in the morning and evening on 146.550.

YES, the Main Fire Ring will be the focal point where there will be no close gatherings, per management . . . oh . . . there is NO management this year . . .

YES, Frank is thinking about planning a day of guided and narrated 4-wheel. No visitors in the caravan vehicles suggested, unless family.

YES, one day will be a yard sale, socially distanced, and handle inspections of gear with gloves. (Some ham gear, we do that anyway!)

Yes, Gary will have lots of ATV topics to see and hear in your own unit's cable ready TV.

Socially distanced HOOTENANNY . . . we got the whole desert, in our (sanitized) hands . . . Bring your gut-buckets and kazoos.

GOLD in thar hills, you say? Lots of room to separate and do some rock hounding . . . we got the whole mountains nearby . . . Have you been to Quartz Hill, about a half hour away?

The BIG WHITE TENTS are coming to town, the full week, so mask-up and explore the RV show with no time limit to get back to Mile 99.

GEMS AND MINERALS, just across the street in town - bring some home and tell your pals you “found” them in plain site at Quartzite, Arizona. Be sure and stop in at the formal store fronts that sell minerals - let's support Quartzite Arizona businesses.

GO CLIMB A HILL . . . A SUMMIT . . . for SOTA activity one day.

I am told there are areas against the distant mountains where you can set up a pistol range for working those “sites” safely. Masks AND ear protection advised. boom boom boom

A day of Geocaching in the nearby open areas? Bring your GPS gear and . . . a day of ATVing looking for Quartz boulders? Just don't be a claim jumper - most are sorta marked.

And Yes, we will put out some very old coins like last year, for metal detecting. And yes, we will have T hunting, too.

P T! FALL IN, SOLDIERS! Start the day with a track run/walk around the perimeter, and see all the antennas and solar.

PETS ALWAYS WELCOME, but keep them safe on a leash, and never EVER leave them outside on a line unattended - Coyotes, not a 4-paws best friend.

OK OK OK . . . you get the point - this will be a fun laid back weeker on the desert floor, RoadRunner BLM 14-day free stay location, just like before. BUT WE WON'T BE ORGANIZED ONE BIT!!!

And this year, no cramped gatherings in tents, no porta potties, no major PA systems for shoulder to shoulder seminars, but lots of free time to do whatever ideas you come up with. Dream them up, announce them on 146.550 MHz simplex, and keep your fans separated so we are safe around micro-boogies.

It will be up to YOU to stay safe, and offer a safe activity that even Doctor NOboogiesforme would say is reasonably safe!

Or, stay at home, go shopping in malls, see a movie in a theater, go to the packed grocery store . . . likely more boogies there then out in the open range with safety on EVERYONE'S mind.

Join us. Come early, and stay late! Or just take in a day or two. Or just stop by and wave hello and keep going . . . we are back to my beginning of Quartzfest on that second year of coming together - ZERO planned, and for a full week, we had plenty to do!

And now, here is more from Lyn and Kris . . . de wb6noa

Thanks Gondo . . . as you mentioned, the big white tent in town will be open during the week. From what I've read, they'll have “one way” aisles in the tent to help with social distancing. Also, the vendors across the street from the big tent will be open as well.

If you have plans for a day that can include others socially distanced, make sure you have your VHF rig tuned to 146.55 simplex at 8:00am every morning for our daily net. During that net you'll be able to let us know what you have planned for those who may want to join you.

If you want to set up a few Geocaches or set up hidden transmitters for a T-Hunt, or any other activity that would be of interest to others, that would be amazing.

That's all for now. Lyn and I are looking forward to seeing y'all in January. If you're a member of our Quartzfest Facebook group, make sure you go to our Quartzfest event page to let us know if your going to join us on the desert floor.

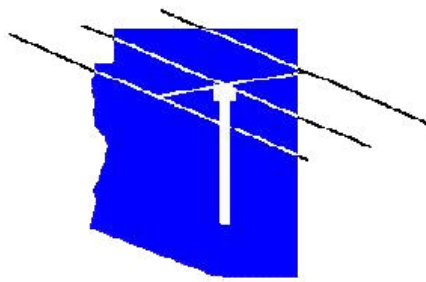
73, Kris KR1SS & Lyn KJ7DSE

The Quartzfest website will provide updated information as we work on some other issues. Go to [www.quartzfest.org](http://www.quartzfest.org) for more information.

No Reports Received



AMO Arizona Mesh Organization



MARCA INC.



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

**NOBODY BEATS AN HRO DEAL!**



**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-718 | HF Transceiver**

• 160-10M\*\* • 100W • 12V operation • Simple to use • CW Keyer Built-in • One touch band switching • Direct frequency input • VOX Built-in • Band stacking register • IF shift • 101 memories



**ID-5100A Deluxe**

*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



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

• 1.2MHz "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 QRP/GRPs • Bluetooth® and Wireless LAN Built-in



**ID-4100A | VHF/UHF Dual Band Digital Xcvr**

• Compact, Detachable Controller for Flexible Installation • DTM Near Repeater Search Function • Apps for iOS™ and Android™ devices • Wireless Operation with VS-3 & UT-137 Bluetooth® Headset & Module • MicroSD Card Slot



**IC-7700 | HF/50MHz Transceiver**

The Contester's Rig • HF • 6m operation • +40dBm ultra high intercept point • IF DSP, user defined filters • 250W output power full duty cycle • Digital voice recorder



**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 RIT/Y 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 8100—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 backlight LCD • Controller attachment to the main Unit



**IC-R30 | Digital/Analog Wideband Xcvr**

• 100 kHz to 3.3 GHz Super Wideband Coverage • P25 (Phase 1), NXDN™, dPMRTM, D-STAR Mode • 2.3" Large LCD Display & Intuitive User Interface • MicroSD Card Slot for Voice & Data Storage • USB Charging & PC Connection



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

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



**IC-2300H | VHF FM Transceiver**

• 65W RF Output Power • 4.5W Audio Output • MIL-STD 810 G Specifications • 207 alphanumeric Memory Channels • Built-in CTCSS/DTCS Encode/Decode • DMS



**IC-PW1 | HF/50 MHz Amplifier**

• Wide freq. coverage - 1 kW from 1.8 MHz to 50 MHz (varies by band) • Wide ALC adjustable range • Full duty cycle • Auto antenna tuner built-in • Auto AC input voltage selector is employed



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



*It's been a LONG HOT summer, but hang in there! It's almost over and cooler weather is on the way. This means it's time to get ready to start all those outdoor radio projects you put off all summer. Keep "Radio Active" from everyone here at HRO Phoenix. Stop by our website for the latest and greatest deals from your local Ham Radio Outlet. Please call our store (602.242.3515) for the latest details on us reopening our doors to our customers.*

*Now serving you at our Phoenix store: Manager Ron AJ7T, Steve W7QY, Mike K7DD, Jim K7EOG, Jim KE7EEU, Richard K1RAB, and Bob W8RH.*