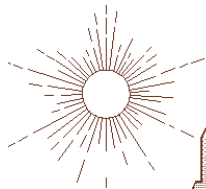


**ADAW**

4529 W. Park Place  
Glendale, AZ 85306-1512



**ADAW**

**Arizona Desert Aire Waves**

**Vol 45, No 10**

**October 2020**

**CLUB MEETING SCHEDULE**

**SARC**

Oct 7th - 7:00 PM  
On Line

**AARC**

Oct 8th - 7:00 PM  
Red Cross Bldg & Echolink

**YARC**

Oct 5th - 7:00 PM  
Via Zoom

**TBARC**

Oct 15th - 6:30 PM  
Via Zoom - See Website

**CADXA**

Oct 1st - 7:00 PM  
via ZOOM

**ARA**

Oct 22nd - 7:30 PM  
Electronically

**MARCA**

Oct 20th - 6:30 PM  
TBD Check Web Site

**MARA**

Oct 3th - 9:00 AM  
On-Line

**ARCCC**

Oct 13th - 9:00 AM  
Via Microsoft Teams

**SuperstitionARC**

Oct 20th - 7:00 PM  
Via Zoom-Repeater-Echolink

**ANSR**

Oct 15th - 7:30 PM  
via GoToMeeting

**OVARC**

Oct 16th - 7:00 PM  
Via Zoom

**ATN (VOAR)**

Oct 18th - 6:30 PM  
Dennys or On-line

**SunLifeARC**

Every Monday - 10:00 AM  
Via Zoom

**MMRG**

TBD  
See Web Site

**WVARC**

Oct 5th - 7:00 PM  
Via Zoom

**CHRC**

Oct 8th - 9:00 AM  
On-Line

**KARC**

Oct 8th - 7:00 PM  
New Hope Christian Fellowship

**AMO**

Oct 8th - 7:00 PM  
Charles K Luster Bldg

**QCWA-AZ Chapter**

TBD  
Phoenix/Prescott/Tucson

**CARL**

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

# 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	K7JIT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Bob Hodges	K7JIT	602.375.9982

AARC c/o Bob Hodges, K7JIT, 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 THURSDAY** 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/amateurstvnetwork](http://whereby.com/amateurstvnetwork). 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/amateurstvnetwork](http://whereby.com/amateurstvnetwork), W7ATN-Arizona and W7ATN-Mesa. Check in on [whereby.com/amateurstvnetwork](http://whereby.com/amateurstvnetwork), 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
	Joe Fitzgerald	KV2H
	David "Cee" Putman,	W7DCP
	Tom Smith	WA0OFO
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 10:00 a.m. at the Greenfield Village RV Resort located at 99 South Quinn Circle in Mesa. Meetings are held in a gated community. 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. Check in using Echolink Node W7ASL-L. Nick, AA7QK provides this service and will assist you.  
 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)  
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 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**

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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

The year is winding down and the holidays are nearly upon us. 2020 has certainly been a year for the record books - but not in a good way.

A global pandemic has wreaked havoc with the health and welfare of the inhabitants of our world. Record numbers of people have lost their jobs or been furloughed. Businesses have suffered and some have closed permanently. An extraordinary number of lives have been taken by a virus that is yet to be understood. The wearing of masks has fueled heated arguments and, at times, violence even though it has been proven to help reduce the spread. And the end is nowhere in sight. A vaccine, feverishly being worked on, most likely will not be available until sometime next year.

Wildfires are ravaging the west coast of our country causing widespread destruction, decimating entire towns, and taking lives. Smoke from the fires blankets the area turning day into an eerie orange cast night while high winds cause power companies to shut off the power for fear of sparking new fires from downed power lines. All this and record high temperatures for the region.

Closer to home - Arizonans have now survived the hottest summer on record with the most 115+ and 110+ days ever - and the most days our lows never dropped below 90! Monsoon 2020 has proven to be one of our driest with only an inch of rain being recorded at Sky Harbor Airport. Our own wildfires have challenged firefighters and left charred landscape behind also.

The Gulf and Atlantic coasts are having their own trials. A record number of hurricanes/tropical storms have formed causing the National Hurricane Center to run out of names! They have begun using the Greek alphabet with Alpha making landfall in Portugal and Spain, and Beta (as of this writing) swirling stationary off the coast of Texas. That has only happened once before, in 2005, when 28 named tropical storms took the NHC all the way thru Zeta.

Events throughout the country have been canceled due to the threat of COVID-19. Hamfests here in Arizona and elsewhere have been postponed and canceled also. We had two events before the pandemic rage across our state and two are holding on to the promise of a hamfest before the year ends - the Tonto Amateur Radio Association Swapmeet on October 3<sup>rd</sup> in Payson and HARKfest on November 7<sup>th</sup> in Congress. If you are feeling like you are able, try to visit one or both of these events. It will help the sponsoring club.

Have a wonderful October. Stay Safe and Stay Healthy. And as they say - don't forget, Wash Your Hands!

73,  
Chris, N7PVL

**ADAW**

## For Sale / Wanted



**LOOK!  
Great Deals!**

## For Sale

**Stacked 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).

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## *CARL Continued from Previous Column*

Anyone who has been following this Newsletter should be aware of the C.A.R.L. Net held twice weekly on the 440.375 South Mountain repeater starting at 0900 Wednesdays and Saturdays. This net gives the W7ASC volunteers a sense of community that is no longer available at ASC. There are other nets in almost every location throughout the USA that will also serve a similar purpose. Hams need not feel isolated! Also a further curative, studies suggest that the regular use of Morse code might even delay the onset of dementia.

Thus, Ham radio meets the definition of prophylactic. We are not, however, suggesting that any Ham take the purchase of Ham gear as a medical deduction. Unless, of course, that Ham has a prescription for SDR (as an example) from an MD.

This is a good point at which to remind all readers that everyone has a recruiting responsibility. There is no secret group who does that. As time passes, ham radio volunteers of all types move along and must be replaced. Even Hams get older! They move away, become disabled, and even join the ranks of the SK. No matter the method of contact, when you are talking to other Hams, be aware that some are retired or have spare time.

Volunteering at the ASC, once W7ASC reopens, is really a fun experience. You are really doing others a favor by introducing them to our hobby. For details on how to sign up, put a prospect in touch with almost any volunteer. A great place to start is at [W7ASC.org](http://W7ASC.org). If every volunteer recruited only one new volunteer per month, the station would never run out of volunteers.

Remind yourself that you might actually be improving the health of anyone who is being guided to become a licensed Ham radio operator. A true Good Deed on your part! Become an active Elmer and take credit for saving a life!!

Let us hope that this topic will no longer need to be addressed by the time that we draft the next W7ASC Newsletter.

Your comments, criticisms or contributions to this Newsletter will always be welcome by your faithful scribe [W4CIH480-664-7353\\_jeanjol@hotmail.com](mailto:W4CIH480-664-7353_jeanjol@hotmail.com).

73s until November!

**ADAW**



*Do Something Nice  
Day  
October 5th*

### **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 normally. 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 (currently unmanned due to ASC closure).

WEB SITE: [w7asc.org](http://w7asc.org)

### **Ham Radio as a Prophylactic**

We will get back to that topic just a bit further down the log. As this Newsletter is being drafted, we seem to have an actual current news update! ASC has announced that they will be reopening, though on a limited basis. Open exhibits will be limited to those that do not draw large groups or that involves close personal contact.

Since one of the main activities at W7ASC is when visitors are invited to try Morse code under the close guidance of a CARL volunteer, this hardly fits within current guidelines. Our normal operations required that the Volunteer and the visitor sit face to face with less than six feet of distance between them. So, the Ham Shack is not one of the exhibits that will be active during these first early reopening days. Everyone who has experienced or observed that process will understand the reason for this determination. Let us hope that such a limitation will soon be unnecessary.

This is not a Medical Newsletter! But even in layperson’s terms, a prophylactic is a medication or procedure intended to prevent disease. COVID-19 has caused a rise in mental illness. An increased number of people suffer from depression. The rate of suicides has risen. These reports are in the public domain. The cause is reported to be the isolation required by defense against the virus. “Stay at Home” orders with bars, restaurants, gyms and water parks closing, leave many people with little social contact. We are told that parties & social gatherings are dangerous. Movies are closed. For some people, this is intolerable. But Hams need not experience such isolation, even if they do not have direct physical face-to-face meetings.

*Continued Next Column*





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



This will be the first year that the Amateur Radio Council of Arizona has sponsored the Arizona QSO Party. Bill Clark, K6WSC, is the QSO Party Chairman. A flyer included with this newsletter explaining the various entry categories and other details. There's also a website at [azqsoparty.org](http://azqsoparty.org) with rules and even more details.

For those who do not have their Worked All States award yet, this is a great way to get one. Other states will be hunting for Arizona. You'll be able to work CW, Phone, or Digital in this contest. If you're not a contester, this is a great way to get your feet wet and try it out. It's a friendly competition with no pressure. You don't have to own a contest super-station to win one of several plaques either.

And, if you care to travel to one of our most sparsely populated counties, you can be sure of stacking up a pileup. Those would be Greenlee county with a population of just over 9,400 people and LaPaz County which has 22,000 people.

Saturday, October 10 is the big day, starting at 1500 UTC and running until 0500 on Sunday, October 11.

This has been a remarkably successful event for years now, and we hope with ARCA sponsorship, it will get even better.

It's been a very busy summer for those of us in the Arizona Red Cross Communications Club. The hoped-for monsoon season has not brought much in the way of rain to our area and wildfires continue to threaten some communities. Most recently, Red Cross disaster responders were offering shelter and support to families in Gila County. We have also deployed volunteers to assist in Texas and Louisiana due to Hurricane Laura. Over 90 volunteers from Arizona and New Mexico are working in one capacity or another. One of our amateur radio operators who was deployed to Louisiana even before Laura made landfall has since been redirected to Houston to help with recovery efforts there.

As this is written, there are 45 active Disaster Relief Operations nationwide. One of our hams is heading to Sacramento to assist with the Red Cross response to wildfires in Northern California as a communications supervisor. Another may be tapped to head to Oregon as nearly 500,000 of that state's residents are forced to evacuate ahead of raging fires.

We continue to engage locally and work with our members to ensure that they have the skills necessary to assist at home in Arizona. Several participate in regular testing using HF and digital modes to communicate around the state.

At our August online meeting, Steve Lewis, AB7PA introduced AREDN mesh networking and how it can be used in Emergency Communications. Several of our members expressed an interest in exploring AREDN more fully and possibly setting up a node at the Red Cross chapter in Phoenix.

We are happy to report that several current Red Cross volunteers and employees are enrolled in an online technician prep class being conducted by the Red Cross chapter in Los Angeles. There are students from Yuma, Tucson, and the Phoenix area enrolled and looking forward to earning their technician privileges.

Coincidentally, we now have a newly accredited team of Volunteer Examiners through the Laurel Amateur Radio Club (LARC) and will be able to offer free VE sessions to our Red Cross colleagues when they are ready to take the plunge.

We will have an opportunity to put those new hams to work as we gear up for another nationwide Winlink exercise



**National Bosses Day  
October 16th**

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***ARCCC Continued from Previous Column***

scheduled for November 14th. More information about this exercise will be posted to our website as it is made available, including opportunities to train and learn how to use Winlink.

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.

As we look to cooler weather, we should all consider that COVID-19 coupled with the annual flu season may present some additional concerns, especially for at-risk populations. We hope you all continue to be mindful of the guidelines around wearing masks, social distancing and hand-washing to minimize the spread of both viruses. Together, we can all make a difference

and do our part to keep our communities healthy!

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***Continued Next Column***



Due to the ongoing situation with COVID-19, the October meeting will be held virtually using Zoom. Meeting invitations will be sent to members via 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, October 1st, 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 October program will be "Most Wanted DX Entities" by Bernie McClenny, W3UR. Bernie is an Honorary member of CADXA. He was first licensed as WB3JRU in September 1977 and quickly became interested in working DX. In 1991 he changed his callsign to WR3E and became a member of the ARRL DXCC Honor Roll at the age of 27. On November 4, 1996, WR3E was exchanged under the Vanity Call program for W3UR. In March 1997 Bernie started the first daily e-mail DX Bulletin called The Daily DX. In the summer of the following year he was asked and accepted to be the editor of QST's "How's DX?" column. In March 2001 he purchased The 599 DX Report and renamed it The Weekly DX. He has operated from two all-time new DXCC counters - E44DX in Gaza, Palestine and 4W/W3UR in Baucau, East Timor. Other DXpeditions include A61AJ, AH3D, OH0/W3UR, VU4AN, YU8/OH2R (Kosovo), 8P9UR, J77A and most recently V47UR. He has also been a guest op multiple times at 4U1UN.

When not writing or on DXpeditions, Bernie can often be found on the air chasing new ones in the DXCC Challenge, hunting IOTA, chasing grid squares on 6 meters and guest operating in contests next-door at W3LPL.

At the September meeting, Alan, K0AV, presented "The Joy of Being a Double-Multiplier: Operating the CQWW CW Contest from Ascension Island - ZD8." Alan told us about his incredible trip to Ascension Island in 2016 where he operated with W6NV in the CQWW CW Contest. Alan's program included details about the history of the island and many photos of the various radio installations at this unique location in the middle of the Atlantic Ocean between Africa and South America controlled by Great Britain. You can see the video of Alan's program on YouTube at <https://youtu.be/vVK3JJ4rnvU>.

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

*Continued Next Column*



The Arizona Amateur Radio Club may have had its September test session at the American Red Cross Building on September 26 by the time you are reading this. Test sessions have been busy ones lately. At the last one, on August 29, twenty attendees were there for testing. Amateur radio is alive and active!

The AARC has its weekly net each Thursday evening at 7:00 PM except on the second Thursday of the month when we have our monthly club meeting. The meeting is generally at the American Red Cross Building, 4747 N. 22d Street in Phoenix, but we have recently had a virtual meeting on line. We thank Lee Walters, W7UXZ, for allowing us to use his repeater for our weekly club net on 147.060 MHz. Usually no PL tone is required. We also have an Echolink connection for the net. If you prefer to check in or listen via Echolink, connect to W7IO-R or K7GH.

73,  
Lori, WA7EDI

**ADAW**

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*CADXA Continued from Previous Column*

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 [cadxainfo@gmail.com](mailto:cadxainfo@gmail.com) for details. See you on Zoom for the October meeting.

73,  
Larry Loen, WO7R  
CADXA President

**ADAW**



## Hamfest Calendar

3 October 2020 - **TARA Swapfest** - hosted by the Tonto Amateur Radio Association will be held at Rumsey Park in Ramada #5, 400 McLane Road in Payson. Hours are 9:00 AM until 12:00 Noon. Free Admission - Tailgate \$5.00 - Vendor Tables \$5.00 each. VE Session - 7:00 to 9:00 AM - \$15.00 fee. A potluck/BBQ will follow the Swapfest until 5:00 PM. Bring your own meat and something to share. Contact Hal Key, KG5LVG at 480.225.5987 or email: [hkey073@gmail.com](mailto:hkey073@gmail.com) for details.

10 October 2020 - **ATN Surprise Hamfest** - hosted by the Amateur Television Network will be held at 1283 W Grand Avenue in Surprise. Hours are 7:30 AM until 12:00 Noon. General Admission: \$1 per person Tailgates, Vendors & Club Booths are \$10 per space with set up beginning at 6:30 AM. Early Arrival and Camping May Be Available. Contact Bob Minnick, W8ARZ at [bwrtflatz@yahoo.com](mailto:bwrtflatz@yahoo.com) for space and booth reservations. Talk-In on 448.400 MHz FM PL 100.0. Direct questions to Rod Fritz, WB9KMO at [wb9kmo@gmail.com](mailto:wb9kmo@gmail.com).

24 October 2020 - **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).

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 11:00 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 Sites (Pre-Registration is Required. Email: [bridges.slt@gmail.com](mailto:bridges.slt@gmail.com)) Overnight Camping (Full Hook-Up or Dry) is Available (Pre-Registration is required for camping [northranch@escapees.com](mailto:northranch@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 12 with a paid adult and students with any Arizona school ID are free. Sellers spaces are \$10.00 per space and includes seller's admission. Indoor VE Session with pre registration preferred, but not required. Send an email to pre-register (email [licensing@tucsonhamradio.org](mailto:licensing@tucsonhamradio.org)). Interesting Seminars - ARRL Card Checking and LOTW Assistance at ARRL Booth - Food Truck for Breakfast and Lunch. Contact [hamfest@tucsonhamradio.org](mailto:hamfest@tucsonhamradio.org) for more information. Visit the website at [www.tucsonhamradio.org](http://www.tucsonhamradio.org).

5 December 2020 - **Superstition Superfest** - hosted by the Supersition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Ave in Mesa. Hours are 8:00 AM - 4:00 PM. Admission is \$5.00/person (includes 1 door prize ticket) and children 12 and under free. Tailgate is \$10.00 for 2 spaces which includes 2 paid admissions tickets. VE Testing will be available. Registration is from 8:00 to 9:00 AM with testing beginning at 9:00 AM. ARRL Card Checking, Special Event Station, GOTA Station, Fox Hunt, Prizes, Live Music, and Food Vendor will be available. Contact the Hamfest Chairman at [chairman@superstitionsuperfest.org](mailto:chairman@superstitionsuperfest.org) for more information.

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

19-20 February 2021 - **Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization. Watch for details.

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.

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*TBARC Continued from Previous Column*

### **Elections are coming up!**

The club bylaws make no provision for COVID-19, and we hold elections in the fall. Nominations are due by the October meeting, and voting will happen (we're not exactly sure how yet) at the November meeting.

Think about how you can give back to the club. Perhaps this is the year you will run for an office? In order to represent the membership, the board needs members of all skill levels and abilities - from brand new hams to those who've been in the hobby for 50 years. We also want people who represent different parts of the hobby. Are you a contester? VHF repeater user? Morse code lover? Electronic kit builder? Tell us how the club can help you share your passion with other people.

Do you see something about the club that needs to change? We need your voice. Run for an office and bring your great ideas to the club!

### **When will we see you in person?**

It's looking more and more like 2021 will be when we'll be back to in-person meetings. Everyone's eagerly hoping for a vaccine, which may be a game-changer both for TBARC and for society in general. In the meantime, we'll keep you updated about where the club will be meeting, and how those meetings will happen. As always, keep your eye on the website, [w7tbc.org](http://w7tbc.org), to stay informed about the latest!

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

**ADAW**



**National Black Cat Day  
October 22nd**

**National Cat Day  
October 29th**



### **General meetings - still Zoomin' along**

Our August general meeting was again on Zoom. Scotty Cowling WA2DFI presented the progress that the Tangerine SDR group has been making. I saw more than one member thinking about getting more involved in SDR, and the Tangerine hardware looked mouth-wateringly good. (Orange you glad you attended?) The September meeting will probably be done when you read this, but the October meeting will also be on Zoom. Drop in and learn more about ham radio! Bring your friends (at appropriate distances)! Things start happening at 6:30 pm with general socializing, then the business meeting around 7:00 pm, 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!

### **Could you be the next Membership Coordinator?**

Clair Wyant KG7MAJ has been taking care of the membership coordinator role for at least the past four years. Now the time has come to pass that on to someone new. Clair will be there to help transition things, If you're interested in the future of the club and want to start learning more about how things run, 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 have a home!**

The VE group has been going like gangbusters. Because we're one of the few groups that are holding ham radio license exams in the Phoenix metro area, our sessions fill up quickly - and most people are passing. This is thanks to the Northwest Christian School, who have been willing to let us use their rooms - with appropriate distancing and sanitary procedures. 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.

If you are a Volunteer Examiner, or have an interest in becoming one - now's the time. We've discovered that it takes about nine VEs to manage the number of people we have space for. If you have a General license or higher, and have some time to share on the third Wednesday of each month, you're eligible - talk to the VE group at [ve@w7tbc.org](mailto:ve@w7tbc.org) to start helping new hams.

*Continued Next Column*

# License Testing Information

When you are ready to take an exam for an Amateur Radio license, there are Volunteer Examiners available to assist you. Each Applicant will need to bring a picture ID (some test sessions require two forms of identification). If you are upgrading your class of license, be sure to bring the original (and a copy) of your license and/or Certificate of Successful Completion of Examination (C.S.C.E.). There may be a fee required.

**PLEASE NOTE:** Dates, times, locations, fees may change. Arrive promptly at time listed. Fees may vary and exact change or check is required at most sessions. Call test session contact to confirm information. Walk-ins are permitted unless otherwise specified.

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

## October Test Sessions

**Oct 3rd** - 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

**Oct 3rd** - Tonto ARA -- 7:00 AM  
Rumsey Park, Ramada 5, 400 N McLane Rd, Payson  
Contact Darde De Roulhac 928.468.1487

**Oct 10th** - 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

**Oct 12th** - 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

**Oct 12th** - Radio Society of Tucson -- 7:00 PM  
Biscuits Country Cafe, 7026 E Broadway Blvd, Tucson  
Contact - Diane Zimmerman 520.664.5070

**Oct 13th** - WARC -- 7:30 PM  
Senior Circle Bldg, 2728 Silver Creek Rd, Bullhead City  
Contact - Carolyn Krick 928.897.7439

**Oct 17th** - Coconino ARC -- 9:00 AM  
North Country Healthcare, 2920 N 4th St, Ste A1, Flagstaff  
Contact - Roderick Martin

**Oct 17th** - Hualapai ARC -- 10:00 AM  
Fire District Station 31, 2485 E Northern Ave, Kingman  
Contact - Alyce Ingle 425.231.9123

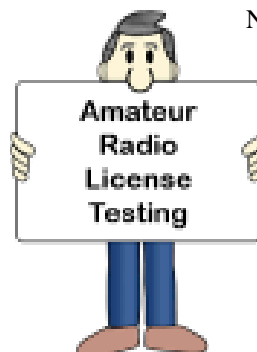
**Oct 20th** - Hassayampa AR Klub -- 2:00 PM  
Home, 30645 S Wandering Way, Escapees North Ranch, Congress  
Contact - Charles Carter 316.651.7710  
No Walk-Ins / Call Ahead

**Oct 21st** - Thunderbird ARC -- 6:00 PM  
<https://www.w7bc.org/ham-radio-license-ve-exams/>  
See Website for Location  
Contact - Walter Reinert 602.668.7804  
No Walk-Ins / Call Ahead

**Oct 31st** - 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

**Oct 31st** - 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)

**Oct 31st** - 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





*KARC Continued from Previous Column*



Blackberries  
in the Red Stage

Grapes

Dark Red  
Kidney Beans

*Photos by Tara Haws KI7KLJ*

Hi All! So long to September and Hello October from the Kachina Amateur Radio Club!

We made it to Ollie-Ollie-in-Come-Free October! It's time to come in from the Summer activities and on to the necessary Autumn fun and work. There are many Ham Radio Operators up here that have been working on their antennas, whether it's their old ones needing repair or the thrill of getting a new one set up. All are striving for better reach and reception. Greg Carbonneau N7MGX, recently found a problem with his antenna connection at the back of his radio. He was checking his gear out and found part of the coax that came through the connector into the back of his radio had become broken, so it made for an intermittent signal, and when he removed it to inspect it, that broken piece was left inside the radio. He got that cleaned up and out and had a fresh start at a sound connection and many commented on how it's about the best they've ever heard him! He wouldn't have known unless he took the time to check out even the most obvious and basic of connections. Good to know it was an easy enough fix to get him up and running again with great sound! It's nice to have your home Radio Rig in good working order but, for busy minds the search for new ideas on portables is an ongoing quest.

As we wound our way into and through September, a killing frost usually appears within the first two, three weeks for us up here, to set the tone for the crisp, cool feel in the air that many look forward to as the season begins to change. That frost will put a big dent on the hard-worked garden and reveal the large, deep orange globes of pumpkins that lends to the thoughts of the Autumn Harvest celebrations that range from asking for candy, to campouts, to hayrides, to bright moonlit nights, to dancing by a fire while the younger ones toast some marshmallows either to perfection or to the point of a flaming comet, to gracing a table with pumpkin or apple pies, surrounded by many thankful hearts and hands. The daytime temperatures can still leave you sweating, while you work to bring in the harvest and process it. Hot days and cool nights are what this time of year is about for us up here on the mountain. That, and planning on just the right spot for taking those family and friends photos amongst the aspen trees whose leaves are making the change from varying shades of green to their peak of yellow gold and then on to brown as the forest, like the bears, winds down and settles in for a good winter's nap.

Meanwhile, some people have made it up to Page, AZ looking to find a "fish boil" along the surface of the water in hopes of finding an apparent "honey hole" to gather in as much of those deep down, pole bending, hard-fighting, anchovy bait-eating Stripers, and add to the filling of their freezers for the winter. Surf and Turf makes for some fine dining, the best kind, through the winter months. For the person whose well-developed palate likes the freshest fish catch available, isn't it just grand that you can be, and are, your own Fish Monger! Planning out where Repeaters are for Radio Contacts along the way, and you come upon the Navajo Mountain Repeater and test it out to see if you can hit it from where you are and maybe making a new friend or two on the Airwaves while you are there adds to the whole experience. The taste and fun of going on that fishing trip is remembered well, as you savor each bite of those steak-sized Striper fillets and recount the highlights of the trip!

The picturesque beauty of those canyon walls near Page, Az., move a person, to appreciate its beauty once more, (even though they have been fishing all day for three days straight), and remark to the person closest to them, in almost effortless thinking, "Aren't those rocks and formations pretty?" and then a long pause as their eyes take in an overview of it all, even though they have been looking at them the whole day through from dawn to dusk, and then they give a peaceful, thoughtful nod in agreement. We do enjoy the different rocks, caverns, upheavals, or tall canyon walls that our State has to offer and showcase. Might as well, there's plenty of them. We've all seen a nice rock on the ground at one time or another that catches our eye!

It's also wood cutting season up here, looking for something to keep the cabin warm this winter. It's another chance to get on the Radio to see if you still have reception up in the mountains where you are going for wood. It's a great time to

check if your radio is working fine and your antenna is taking care of the task at hand for getting out and receiving. It's also when a young family loads up the whole outfit of little ones of all ages, packs food and water for lunch, and gloves and boots if you haven't outgrown them, and having the hopes that the saw and pickup will make it for another season of wood gathering. They work hard to get a load of wood on limited days off of work and school, not to mention soccer games or gymnastics schedules. The children learn the art of stacking well, working hard with the family and appreciate the food and water provided when it's lunch time. They've got something invested for this winter to benefit the whole family by doing their part for helping to keep the home hearth warm against the cold outside, for when they come in from the snowman and snow angels they just built, and pop some popcorn and warm, chocolatey cocoa with maybe a marshmallow or two.

Enjoying the fresh air, the songs of the birds, chattering of squirrels, and seeing the different wildflowers that are putting on a great show of themselves all dressed up in their best petals to present their finest selves to the deep, blue, majestic sky makes the children's eyes sparkle as they notice everything out there and take delight in being there in the fresh air and sunlight, going here and there while they await the time of getting to work. The brownish hues of the bark and the green of the pine needles on the trees you see as you look from the base of a large stature Ponderosa Pine and your eye follows it up to see it touch the white, drifting, puffball of a cloud in that big, blue sea of a sky. Appreciation for this world becomes apparent. Some parents are on the phone with their grown children, who live in a warmer part of the State, and the conversation will eventually roll around to asking, "When are you coming up so we can get some wood?", or hauling some for others who may need it but can't go and get it. It is a lot of hard work, but when you make it a family and friends outing, many chainsaws make quick work of heavy loads.

We sure get a lot of warmth out of that wood that gets hauled in early Autumn. How many ways are there to get the most warmth out of each log that is burned, you ask? Well let's take a look at the whole process. You get warm when you de-limb the main log, when it's cut into rounds from the main log, when you carry it to the pickup and load it and stack it into the pickup, when you unload it and stack it at home, when you bust up the rounds into smaller pieces, when you load it in the wheelbarrow, when you fill up the wood rack, when you cover the rack to keep it dry, when you get an armload to bring in the cabin, when you chop up or pick up kindling for starting the fire, and finally, you get warm from a blazing, crackling fire on a very, very cold and snowy, blustery day and then stock the wood stove for the night fire. It's then you can sit back in your easy chair and fire up the HF Rig and channel surf for some

good conversations across the Frequencies, hoping the antenna line doesn't snap off or become disconnected, and you have to bundle up to go outside and fix it. It sure does perk a person up and bring in some sunshine when you get to talk to others when the winter days seem just a bit too long, and daylight doesn't seem to linger as long as it did in the long days of summer.



*Tara Haws KI7KLJ* *Tara Haws KI7KLJ*

Marc Haws KI7KLLK, right, Nick Anderson making the chips fly!  
Jalan Haws KI7KLL making the chips fly!



*Tara Haws KI7KLJ*

Our version of Lincoln logs, learning how to build up the logs one course at a time!

Up here, for Navajo and Apache Counties, was County Fair time. All other events were cancelled due to the current health restrictions however, the 4-H and F.F.A. Junior Livestock Shows were held. These youth have been working all year long with their animals. Not a whole lot of socializing going on here to worry about Social Distancing, just a one on one with their animal in the corral and usually with a parent or 4-H Leader at times. The issues of the day didn't affect them much, they still had to go out and feed and water and work with their animal. With all this down time, waiting for decisions about schooling

too, it would have been a great time for youth and adults alike to study for their Ham Radio License Test instead of being Third Party Traffic! You can do it!



4-H is a family effort with help from little Sister!

*Photo by Rebelle Anderson*

Speaking of a can-do attitude, Dennis Wilkes W7DRW, in true-to-form Ham Radio style, is always looking to expand his Amateur Radio circle, and he happened upon, and tuned in to, the 2020 World Wide Digi DX Contest. He only spent a few hours in the Contest, garnering 59 QSO's, mostly just to get familiar with it for more serious participation next year. You can learn all about it on their website at <https://ww-digi.com>. There's always something to find on the Frequencies that can fit your style of Mode you choose to operate in.

The Kachina Club Family Picnic and September Meeting. It was held on Saturday, September 12, 2020 at Randy W7RJB and Renee KI7JEU Beecroft's "The Hangout." They are so good to offer their place for any Club Meetings or Events! We really appreciate their generosity and hospitality. The weather was so favorable, and many new faces were put with the On-Air voices and old friends were in abundance as well. The food of pulled pork sandwiches was great and watermelon is always a happy and welcoming addition, in taste and color, with any outdoor dining experience. Watermelon just speaks of outdoor summertime fun! KB3DFW Dennis Clark's deviled eggs were made quick work of, and I hear tell that there was some amazing banana bread that hit the spot too!

A Fox Hunt was held, a fun part of the day. There was a prize for finding the "Fox" transmitter that Randy had hidden. Bryce KJ7PNJ and Owen KJ7PNI were the ones who found it and they won an Offset Attenuator Kit. In preparation for the Fox nt, these boys built some antennas. They must have built them right. I'd say they were very successful! The smiles on their faces say it all. Congratulations to you both!

Doug Troxel NQ5G, will be holding Technician study classes to prepare individuals for the Testing Session on October 3rd. The dates of the classes are September 26th Saturday - 27<sup>th</sup>

*Continued Next Column*



Bryce KJ7PNJ built his Tape Measure Yagi and Owen KJ7PNI built his Moxon antenna



Owen KJ7PNI and Bryce KJ7PNJ won the Fox Hunt prize, an Offset Attenuator Kit!

Sunday (No charge for Classes). They will be held at the Taylor Fire Department - 411 Papermill Road in Taylor. The hours are as follows: September 26th - 8:00 a.m. - Noon, September 27th - Noon - 4:00 p.m. Thank you Doug for your time! On Saturday, October 3rd, an Amateur Radio Licensing V.E. Test Session will be held by the White Mountain V. E. Team held at the Taylor Fire Station in Taylor, Az. Thank you Taylor Fire Department for making your facility available for the purpose of this license testing. Volunteers helping other future Volunteers for the good of the Community! If you have any questions about Testing up here, you can contact the W.M.V.E.T. at [vetesting@cablone.net](mailto:vetesting@cablone.net)

We are excited to announce that we have found a new location to hold our Kachina Club meetings in person! Thank you, Barbara Bell - W6WKP in making these arrangements! Our next meeting will be held on October 8th, at the New Hope Christian Fellowship, 989 Cheney Ranch Loop (US 260 & Cheney Ranch), Show Low, at 6:30 p.m.

Are you in the area? We'd love to have you join in with us on the Green's Peak Repeater Net. It's held each evening at 18:30 hours on 145.310 MHz. PL -110.9.

Enjoy this Autumn, wherever you are and whatever you are doing, it's been a very busy time for us up here. Keep Bending the Airwaves!

Take Care and Be Well,  
Tara KI7KLJ

*Continued on Page 17*



# The Kachina Club Family Picnic



The Hangout



Donna Myer, Alea & Bill KJ7GYH Turley, Leona Dixon, Jack Falkinbury



Leona & LeDair Dixon KF7UBT, Dennis Clark KB3DFW, Donna Myer, Holly Williams K7HSW, Roger KJ7IGQ & Mary Brown, Mary Kartchner KE7CBV, Bobbye KA7MIZ & Dennis WA7ZZT Mills



Alea & Bill KJ7GYH Turley, Leona & LeDair KF7UBT Dixon, Donna Myer, Jack Falkinbury, Mary Kartchner KE7CBV, Roger KJ7IGQ & Mary Brown, Kevin Thomas



LeDair Dixon KF7UBT, Bryce Rhoton KJ7PNJ, Phil Caster W6NJO, Kevin Thomas, Owen KJ7PNI & Blaine KI7WFF Rhoton



Mary & Roger KJ7IGQ Brown, Mary Kartchner KE7CBV, Bobbye KA7MIZ & Dennis WA7ZZT Mills, Kevin Thomas, Phil Caster W6NJO, Bryce Rhoton KJ7PNJ



Jim AF7JW & Jeanet Ard, Tom Myer KE7UZY, Anthony Romyak KJ7PMV, Nikola Miucin N2FU

*Photos by Randy Beecroft W7RJB*



## SuperFest Canceled - Grand Prize Drawing Still on for Saturday, December 5, 2020

A Message from the President of the Superstition Amateur Radio Club, Inc.

The Superstition ARC regrettably announces the cancellation of the 2020 Superfest. Arizona's governor extended the moratorium on special event permits for events with more than 50 people. This action from the governor's office was the death knell for any possibility of a hamfest by anyone in Arizona this year.

In lieu of a hamfest, Organ Stop Pizza located at the corner of Stapley & Southern in Mesa has offered to host a pizza and organ music party for us in their restaurant on Saturday, Dec. 5th from 11:00 a.m. to 2:00 p.m. The cost will be \$8.75 (Cash only) per person for all you can eat pizza and pipe organ entertainment. The Superstition ARC will be hanging out in the parking lot and selling grand prize raffle tickets starting at 08:00 that morning. If you were planning on attending the Superfest and are feeling bummed now that it is canceled, you are welcome to come to socialize in the parking lot, eat pizza, and listen to the "Mighty Wurlitzer" play some of your favorite movie themes, as we wait in anticipation for our raffle ticket to be drawn for the grand prize. NOTE: Face masks will be required per City of Mesa ordinance for everyone attending this event.

Hope to see you there! - Andy KD4ABB

Andy Keels, KD4ABB

President

Superstition Amateur Radio Club

O: 480-361-7084

M: 480-622-4000

president@superstitionarc.org

SEE OUR NEW FLYER THIS ISSUE

### Grand Prize Drawing Details

Your presence is Not Required to win the Grand Prize drawing. Grand Prize Tickets are available 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 Off Air Until Summer Heat Subsides

The Cooling system at the Stone Castle failed, and to save the equipment from damage, this repeater was turned off until the temperature falls below 100 degrees. The Mesa area recorded over 45 consecutive days of 110 or more, for a new record. The cooling system needs to be replaced.

The Repeater is now operational at a temporary location and may be back in the Stone Castle when this ADAW comes out.

### October Club Meeting Tuesday, Oct. 20 at 7:00 P.M.

Larry, AB7C will be our Guest Speaker over Zoom.

Due to COVID-19 restrictions, club meetings are held on Zoom, an online videoconferencing site, and on the 147.120 MHz, and if available, 449.600 MHz repeater system, together with EchoLink. Zoom audio will be carried over the repeater.

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 for Superstition ARC's part of this ADAW.

Continued Next Column

Continued on Page 17



HELLO ALL,

It is with great sadness that I have to make note of Walt Schuknecht N7IZM passed away September 14 of cancer. Walt has been very active in the club activities, board member and officer for many years since the 1980's. He will be really missed. When more information is available, it will be put into the club BLAST. If you are not receiving the BLAST, you need to be a member of SARC to get it.

Last month I mentioned all the talks at the QSO Today Expo. I now have in hand all the talks. According to the BOD meeting they will be put in the Web page and linked to another location so that it will be available to all.


The weekly net is having more participation including members and visitors. The net is at 7:00 PM every Tuesday on the club repeaters 147.18 +PL162.2, 440.00 + PL 100.0.

Our Club breakfast is postponed until the mask requirements are lifted

73's,  
Paul, W7EFQ

**ADAW**

**SARC CONSTANTS:**  
**SARC is a 501 (c)(3) club. That means all donations are fully tax deductible. Contact Paul Finell W7EFQ at 602.741.6563 for information on estate donations and equipment pick-up.**  
**For membership information, call Ed Nickerson, WU7S at 480.949.5162. Please send address change requests to Judy no later than the 7th of the month in which you would like the change to occur.**





October 12th

## Public Service Calendar

### Maricopa County Emergency Communications Group Events

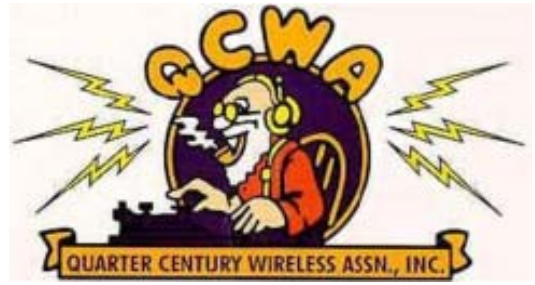
EVENT	LOCATION	DATE
Arizona Emergency Net - Maricopa Picnic		05/15/2021
Payson, Houston Mesa Campground, Fox 2 Group Site		
ADA Bike Rides	North Phoenix	10/23/2021
Auxcomm Interest	TBD	12/31/2021

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.

**ADAW**

#### 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.



**CHAPTER 16  
BARRY M. GOLDWATER ARIZONA CHAPTER**

The Yavapai Amateur Radio Club, like many others, continues to operate with Covid-19 restrictions in place. Our regular monthly club meetings have been conducted via Zoom with as many as 40+ members on line. Smaller functions have been conducted live, such as our monthly fox hunts and license testing. We have held a couple of workshops via the Zoom platform as well. We are looking forward to the chance to gather together for live meetings again.

While mentioning license testing, we have now conducted three test sessions using a staggered time and social distance arrangement. Doing this, we can accommodate 18 candidates. Our last session had 13 applicants show up and 12 went home with new or upgraded licenses. Our next session will be on October 31, 2020. Pre-registration is required at [www.w7yrc.org/arrl-vec/](http://www.w7yrc.org/arrl-vec/)

Probably our biggest disappointment this year is the cancellation of so many public service events due to the Covid situation. The club has chosen to not participate in any that had not been cancelled, but it appears that decision was not necessary as just about all events have been cancelled or postponed to next year. Let's all hope things improve.

Sunday, October 4th will be our next fox hunt. If you would like to ride along, check the home page on our website [www.w7yrc.org](http://www.w7yrc.org)

November 17 marks the National Rifle Assn.'s 149th birthday and YARC will operate a special event station in commemoration. Station operation will be from Gunsite Academy in Paulden. For more information, check our website.

YARC is one of the largest and most active amateur radio clubs in the southwest. Our home is in beautiful Prescott, Arizona, at an elevation of 5400 ft. We are an ARRL Special Service club. The designation reflects our commitment to public and community service. When things return to normal, why not join us for one of our regular club meetings. All the info will be on our website, [www.w7yrc.org](http://www.w7yrc.org).

While we can't do everything we normally do, we can BE RADIO ACTIVE!

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)

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

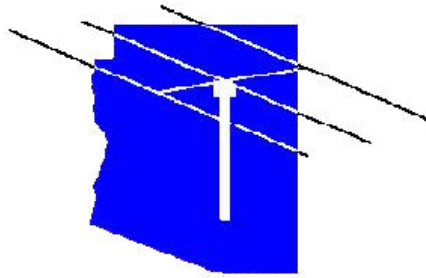
DUES: \$7.00/year and current national QCWA membership.

**ADAW**



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No Reports Received



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# 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/QRPP • Bluetooth® and Wireless LAN Built-in



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

• Compact, Detachable Controller for Flexible Installation • DWTM 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), NEXDM, 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 (various bands only) • 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 PHX. Stop by our website for the latest and greatest deals from your local Ham Radio Outlet. Please call our store (602.242.3515) to make sure of the latest status on our ability to fulfill all your Ham Radio needs.*

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