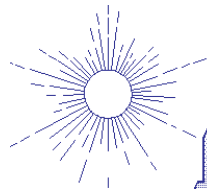


**ADAW**

4529 W. Park Place  
Glendale, AZ 85306-1512



**ADAW**

**Arizona Desert Aire Waves**

**Vol 45, No 5**

**May 2020**

**CLUB MEETING SCHEDULE**

**SARC**

Canceled  
Scottsdale Senior Center  
7:00 PM

**AARC**

May 14th  
?Red Cross Bldg. - Phx ?  
7:00 PM

**OPRC**

Jun 10th  
Big Heart Coffee - Tucson  
1:30PM

**TBARC**

May 21st  
Via Zoom - See Website  
7:00 PM

**CADXA**

May 7th  
via ZOOM  
7:00 PM

**ARA**

May 28th  
? Denny's Restaurant - Tempe ?  
7:30 PM

**ARCCC**

May 12  
Via Microsoft Teams  
Phoenix  
9:00 AM

**WVARC**

Meetings Suspended  
Shepherd of the Desert  
Lutheran Church  
7:00 PM

**SuperstitionARC**

May 19th  
? Charles K Luster Bldg ?  
7:00 PM

**YARC**

Meetings Canceled  
Prescott Rodeo Grounds  
7:00 PM

**MARCA**

May 19th  
TBD  
6:30 PM

**MARA**

May 2nd  
On Club Repeater  
9:00 AM

**ANSR**

May 21st  
via GoToMeeting  
7:30 PM

**KARC**

May 12th  
TBD  
6:30 PM

**OVARC**

May 15th  
TBD  
7:00 PM

**CHRC**

Meetings Suspended  
TBD  
9:00 AM

**ATN (VOAR)**

May 17th  
TBD  
6:00 PM

**QCWA-AZ Chapter**

TBD  
Phoenix/Prescott/Tucson  
9:30AM/10:30AM/TBA

# 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	David Yee	N7AJR	
Secretary			
Treasurer	Ed Nickerson	WU7S	480.949.5162
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Irv Hembeck	K00TZ	
At-Large	David Yee	N7AJR	
	Bill Kouchis	N9EIV	
	Ray Vasquez	K4RMV	(ARCA Rep)
	Bruce Harmsen	KA9EYX	
	Chris Tabor	K7TAB	

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	bmcleanl@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.

## OLD PUEBLO RADIO CLUB

The Old Pueblo Radio Club meets the **SECOND WEDNESDAY** of March, June, September and December at 1:30 p.m. at Big Heart Coffee, 4802 E 22nd Street in Tucson. Visitors are welcome.

President	Ron Kalish	N7SPW	520.207.3852
Vice President & Treasurer	George Devich	N9IUK	520.760.0125
Board of Directors:	Jim Ulmer	KC7THU	
	Lin Donnelly	KF7CNR	
WebMaster			

Mailing address: OPRC, P.O. Box 42601, Tucson, AZ 85733-2601. DUES: Individual - \$20.00/YR, Family - \$30.00/YR.

## AZ RED CROSS COMMUNICATIONS CLUB

The Arizona Red Cross Communications Club meets 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	Peter Petrotta	KD7OIW
Vice President	Charlie Zurenko	N2TFS
Secretary	Rob Rodriguez	KI7PDR
Treasurer	Mark Steele	KI7RB
Past President	Frank Engstrom	KB7IQ

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



# 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:	Phil Hazlett	WA7UID	
	Sonja Hazlett	WB7CWW	
	Peggy Williams	KD7AWU	
	Jerry Roberts	KB7CN	
	Gary Hamman	K7GH	
	Ken Rasback	KK7KEN	

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 p.m. at the Solterra at White Mountains, 5408 W White Mountain Blvd 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: [info@kachinaarc.org](mailto:info@kachinaarc.org) 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.cadx.org/meetings.html](http://www.cadx.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.cadx.org](http://www.cadx.org).



## YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at 7:00 PM 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	sandymead02@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/>.

## 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

## 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 promote video operation on linked repeaters and mesh networks. We hold business meetings in January and July and social meetings the **THIRD SUNDAY** of each month at 6:00 PM at Denny's Restaurant, 825 S 48th Street in Tempe. Watch our nets on Wednesday and Sunday at 7:00 PM Arizona time and Tuesday at 7:30 PM Pacific time. Our video streams are on [www.youtube.com](http://www.youtube.com), search for W6ATN Live or W7ATN-Mesa Live. Send your live video to [whereby.com/amateurtvnetwork](http://whereby.com/amateurtvnetwork) or on amateur radio ATV or FM.

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

ATV Repeater Outputs: Phoenix - 1253.25 and 5910 MHz, Mesa - 421.25 & 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

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. 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 Jerry Davis, K7AZJ at [k7azj@arrl.net](mailto:k7azj@arrl.net).

President	Jerry Davis	K7AZJ	k7azj@arrl.net
Vice President	Sue Rodgers	W7SKH	happyham7777@gmail.com
Secretary	Chuck Rodgers	W7CBR	rogers_charles@hotmail.com
Treasurer	Cliff Bean	AE7VZ	klyffone@gmail.com

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

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



## ADAW Member Clubs

### 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 [president@chandlerhams.org](mailto:president@chandlerhams.org)  
 Vice President Norm Fasoletos K7NWF [vicepresident@chandlerhams.org](mailto:vicepresident@chandlerhams.org)

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



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**

MAY IS  
**OLDER  
 AMERICANS  
 MONTH**



MAKE YOUR MARK: MAY 2020

## ADAW Staff

### PUBLISHER / MANAGING EDITOR

Christine Kesauer N7PVL 602.843.0960

**AARCEDITOR**  
 Lori Cripps WA7EDI 602.955.7517

**ANSREEDITOR**  
 Steve Miller W6SDM 602.290.1603

**ARAEDITOR**  
 T D Kennard N7ISR [n7isr@w7ara.net](mailto:n7isr@w7ara.net)

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

**ATNEEDITOR**  
 Ed Olague K5OLA 602.885.7725

**CADXAEDITOR**  
 Lee Finkel KY7M [ars.ky7m@gmail.com](mailto:ars.ky7m@gmail.com)

**CARLEEDITOR**  
 Jean Jolkovski W4CIH 480.664.7353

**CHRCEDITOR**  
 Gary Laatsch KI7PBR [ki7pbr@cox.net](mailto:ki7pbr@cox.net)

**KARCEEDITOR**  
 Lydiann McFadden [lydiann@gmail.com](mailto:lydiann@gmail.com)

**MARAEDITOR**  
 Curt Steger NA7CS [csteger515@gmail.com](mailto:csteger515@gmail.com)

**MARCAEDITOR**  
 Norm Johnson AA7OO 480.278.2886

**MMRGEDITOR**  
 Lori Cripps WA7EDI 602.955.7517

**OPRCEDITOR**  
 Ron Kalish N7SPW 520.207.3852

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

George Cooley NG7A [george@ng7a.com](mailto:george@ng7a.com)

**QCWAEDITOR**  
 John Marshall WA7BSR 623.334.2583

**SARCEEDITOR**  
 Paul Finell W7EFQ 602.741.6563

**SunlifeEDITOR**  
 Bill Farina KE0WPF 608.301.5544

**SuperstitionARCEEDITOR**  
 Larry Kuck WB7C [Ellsworth@us60.us](mailto:Ellsworth@us60.us)

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

**WVARCEEDITOR**  
 David Putman W7DCP 253.307.0544

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

**ADAWEMAIL** [adawaz@arca-az.org](mailto:adawaz@arca-az.org) or [adaw@adaw.org](mailto:adaw@adaw.org)  
**ADAWWEBSITE** [www.adaw.org](http://www.adaw.org)



**Cars by Kencars & Friends** **Ken Nichols**  
Auto Consultant  
25 Years Experience

Save Money & Time On Your Next Vehicle & Become My Friends!



Any Make or Model  
Easy No Hassel Pricing

602-935-6206  
[kencars@gmail.com](mailto:kencars@gmail.com)  
[www.kencars.com](http://www.kencars.com)  
 Amateur Radio WA7HXZ

Buying a car hasn't been this easy since your 1st one !!!  
**Remember ?**

## From The Editor's Desk

Hi Everyone. It's been a while since I've written a column so I'm a little "out of practice."

It has definitely been an eventful few months in the world, hasn't it? With things changing on nearly a daily to hourly basis, it's been a challenge to attempt to bring you the latest developments and news from the clubs. It has caused ADAW to be published later than usual the last couple of months.

COVID-19 has taken a heavy toll on our way of life and the health and welfare of the world's population. All of our activities, both ham related and personal, have been curtailed and our events and activities canceled. Stay at Home orders and social distancing have kept us mostly confined to our homes and yards, which has been especially difficult for Arizonans as it's one of the best times of the year for outside activities, hamfests, and other social gatherings.

This ugly, deadly "bug" has infected more than 3.3 million people and killed more than 235 thousand worldwide. The U.S. has reported more than 1.1 million confirmed cases and 65,000+ deaths. Arizona alone has nearly 8,000 confirmed cases and 330 deaths. COVID-19 has impacted all our lives in ways many of us have never before witnessed or experienced.

Our Stay at Home order in Arizona has been extended to May 15<sup>th</sup>, but it's not all bad. Retailers that weren't deemed as essential may begin opening May 4<sup>th</sup> provided they use means for product delivery that does not entail in-store sales. And in-store sales may resume on May 8<sup>th</sup> with social distancing in effect. On May 12<sup>th</sup>, you'll once again be able to dine in your favorite restaurant instead of ordering take-out or delivery. All this is part of a slow and gradual reopening designed to keep everyone safe and prevent a resurgence of COVID-19. It's not great, but we knew reopening would take time. As is said, "Better safe than sorry!"

So for the time being, we'll just have to contend ourselves with getting on the air to talk with each other. We can still see each other if we want. It'll just have to be from six feet away or via Zoom or one of the other video conferencing apps that are readily available. We can still shop online and they'll bring it right to our door. No having to find a parking place or wait in a checkout lane. Of course, there's still the toilet paper issue. Who would have thought toilet paper of all things would be scarce. Don't figure.

Only a few clubs have sent in news this month. Many of them have curtailed club activities so have nothing new to share with us. A few VE test sessions are still on the schedule

for May, but if you, or someone you know, plan to take an exam, be sure to call/email the session contact person to confirm that the session will take place.

The month of May is "Older Americans Month." Established in 1963 after a meeting between President John F. Kennedy and members of the National Council of Senior Citizens, the declaration was first entitled "Senior Citizens Month." It was designated to acknowledge the contribution of our past and present seniors to our country, especially those who defended it. Each President since Kennedy has issued the proclamation and asked that every community pay tribute to their seniors in some way. This year's theme is "Make Your Mark." Selection of this theme is intended to encourage and celebrate the countless contributions made by older Americans to our communities. So, let's salute our older citizens and help to keep them safe and healthy.

National Smile Month runs from the 18th of May until the 18th of June. It is the largest and longest-running campaign to promote good oral health. It highlights three key things you can do to be sure you have a healthy mouth. They are: brush your teeth every night before going to bed, reduce your consumption of sugary foods and drinks, and visit your dentist regularly.

Enjoy this month's issue of ADAW. Stay Safe - Stay Healthy - And Have a Great Day!

73,  
Chris, N7PVL

ADAW





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

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

As this newsletter is being drafted in early April, matters are far from normal. Since this newsletter is not intended to predict the future, we have no idea what we will be facing when this is actually published. Will COVAD-19 be history or will we be gone? All that we know is that our station, W7ASC, is temporarily (we hope) closed as the Arizona Science Center, where the station is located, has closed its doors. This is a prudent move, but it creates a sense of isolation.

Into the breach rides Ham Radio stepping into a new role. As a start, the volunteers of W7ASC, the organization known for years as C.A.R.L. (Center for Amateur Radio Learning), following the initiative of their president JACK KD7ROB, have convened a net using the repeater KG7SWK located on South Mountain which is owned and maintained by Ron AJ7T (used with his permission). That repeater, with an input of 440.375, reaches the majority of C.A.R.L. members around the valley, but any Ham is welcome to check in. As of this writing, the net meets at 0900 local time on Wednesday and Saturday mornings. This net is considered to be a “Wellness” net, checking on each member and staving off Cabin Fever, a.k.a. Stir Craziiness.

Humans do not do well in isolation, so Ham radio now has a role as medication against that condition. Use it! Since no one should be leaving their home except for some exercise or fresh air (of course maintaining proper isolation at all times), this is good time to get in some serious radio time. “CQ” may have fallen into disuse, but this would be a good time to brush it off and put it to use. Meet new people on-air! Get into that

*Continued Next Column*

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

DX for which you had no time for. Brush up on your CW skills. Study for an upgrade in your ticket?

There are people out there who have wanted to get a license, but they were too busy. Well . . . they now have time on their hands, for themselves or even for their kids who can be introduced to Ham radio. No one need leave the house to study. No need to go to a store to buy a manual. There are at least two sites for on-line study – ARRL or QRZ. If they need an Elmer, step right up! FaceTime or ZOOM allows you to Elmer remotely. And you will be amazed at how much you relearn when you are an Elmer. Let your club, or for that matter any Ham club, know that you are available as an Elmer. There has been a surge in requests for help as a result of the shelter-in-place advisory. Even if you do not have a request for help, take the time to retake the test on-line yourself or prepare for an upgrade. When you do take a refresher, you might be amazed at how much you have forgotten! You will come out of this a better Ham. If you wish your name and contact information to be published as a potential Elmer, then please send it here.

This scribe is available to help in any way possible. If all other resources fail, do not hesitate to send inquiries, about Ham radio this way. I am Jean W4CIH, and I can be reached at 480-664-5373

Stay well and we hope to hear you on-air. 73

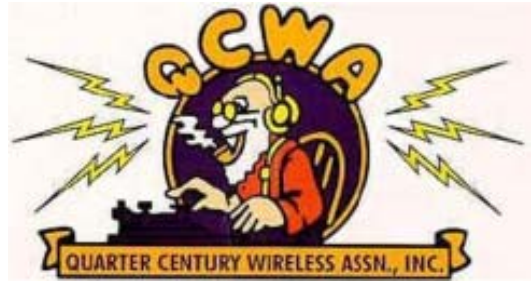


#### ***Real Estate***

*Are you or someone you know looking for a Ham Home?  
I can help you find a home with a tower or one where a  
tower can be added. Call or email me to get started.*

*Richard Haworth W7MDQ  
Coldwell Banker Residential Brokerage  
602-370-1450 Cell, [rahaworth@cox.net](mailto:rahaworth@cox.net)*





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

HELLO ALL,

With all the Pandemic issues, this has been a confusing and crazy month. All the clubs that I am a member of have cancelled their in-person meetings and reverted to on-line meetings. All HAMFESTS have been cancelled, and all external activities have also been cancelled. The same is true for SARC. With this, and the stay-at-home restrictions, I have observed lots more on-the-air activities, especially on the high frequencies. I am looking for other external activities for the clubs, maybe some on-the-air design projects combined with the internet. I would appreciate any suggestions forwarded to [w7efq@arrl.net](mailto:w7efq@arrl.net).

On a personal note, I have finally received all the back-ordered parts from HYGAIN. Because of the gigantic explosion of weeds, I have discovered a weed here that is new to our area and I have not had allergies like this in over 65 years. My eyes were even swollen closed with bags under the eyes as large as the end of my thumb. I am partially responsible for the problems. I attempted to use a weed-eater to eliminate them... I gave up and am going to spray them with Round Up. As soon as they die, back to the antenna.

73's,  
Paul W7EFQ

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.



**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.





## For Sale / Wanted



**LOOK!  
Great Deals!**

## For Sale

### **AMERITRON AMPLIFIER - AL80B**

1 KW. 120V. In pristine condition with very few hours. Purchased in Dayton, 2019. I prefer local pick up. \$1000 firm. (\$1100 if I ship it.) Email if interested - [ac7kn@arrl.net](mailto:ac7kn@arrl.net)

**Stacked 70CM KLM Yagis** - Two, 16-element stacked side-by-side for vertical polarization. Gain 14.0 dBd each, 17dBd for the stack. Broadbanded 420-450 MHz. I used it from ATV. Boom length 10 ft. 3in. \$160 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).

As I'm sitting at my computer, I see that it is telling me today is April 11. For several years that has been the date of the Arizona Amateur Radio Club's DeVry hamfest. This year, as we all know, there will be no DeVry hamfest. I'll miss selling you a doughnut or a cup of coffee. I'll miss seeing all of you on the 11th of April. As unfortunate as that may seem in this unusual year of 2020, this too is a one-time occurrence, and I would be surprised if we didn't have several opportunities to combine our interest in amateur radio with a friendly get-together at a swap meet.

Our March 29 AARC testing session found an astounding 21 candidates seeking new amateur radio licenses or upgrades. Could that indicate that amateur radio is NOT dying??

Let us congratulate Ned Stearns, AA7A, of Scottsdale, and welcome him as he again is our ARRL Southwestern Division Vice Director. I quote the article below:

---

"Ned Stearns, AA7A, Appointed as ARRL Southwestern Division Vice Director  
04/07/2020

ARRL President Rick Roderick, K5UR, has appointed Edward J. "Ned" Stearns, AA7A, of Scottsdale, Arizona, as ARRL Southwestern Division Vice Director, succeeding Mark Weiss, K6FG, who resigned.

This will mark the third time Stearns has held the post. He served as Southwestern Division Vice Director for 2005 – 2006 and again for 2017 – 2019.

A retired electrical engineer, Stearns has been licensed since 1963 and is active on all bands from 160 meters through 23 centimeters. His principal interests are DXing, contesting, VHF, moon bounce, antenna design, and home brewing."

---

A reminder: Join the AARC weekly net which meets each Thursday evening at 7:00 PM on 147.060 MHz except the second Thursday of the month when we have our monthly club meeting at the American Red Cross Building at 7:00 PM. In April, we changed our in-person meeting to on-the-air as a Thursday evening net. We may also need to do this for the May 14 meeting.

73,  
Lori, WA7EDI

**ADAW**

**ADAW**

## Hamfest Calendar

26 September 2020 - **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 - 6:00 AM - 11:00 AM. Free Admission and Buyer Parking. Tailgate Spaces \$10 per Parking Space. Free VE Testing at 9:00 AM - GOTA Station - QSL Card Checking - Prizes. Snacks & Beverages 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>

10 October 2020 - **ATN Surprise Hamfest** - hosted by the Amateur Television Network will be held at 12983 W Grand Avenue in Surprise. Hours are 7:30 AM until 12:00 Noon. General Admission: \$1 per person. Tailgaters, 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 [povertyflataz@yahoo.com](mailto:povertyflataz@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 11:30 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. Watch for more details.

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 Superstition 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.



ADAW



Even though the virus has us stuck inside, there's been plenty of activity at the Thunderbird Amateur Radio Club! The board's been hard at work, and we've even seen a few new members join! (Welcome to the new members! We look forward to meeting you when we can!) Here's everything we've been up to:

### Board Meeting by Zoom

We held our first board meeting using the Zoom app on Thursday, April 9. Believe it or not, there's actually even more to decide when the group's not meeting.

### April General Meeting

We decided to hold the April general meeting as a Zoom meeting. That allows us to talk about TBARC business, something we can't do over the repeaters.

### Next Gen Repeaters

The club has been discussing what to do next with our repeater system. We've had lots of great input from club members and we want to know: what do you think?

### Badges Badges Badges

Did you pay for a badge at some point in the past? If so, do you have it? If you answered "yes" and then "no," we probably have it.

### 2019 Audit

Part of the club's routine business requires a yearly audit to make sure nobody's cooking the books. To make sure we don't end up with directors in Tahiti, we need your help! If you have experience and interest in finances, or know someone who does - pass their name along. We want to make sure everything's above board!

### Website Domains Renewed

It's a mundane job, but we need to do it - we made sure every domain name that TBARC owns has been renewed. Whether it's [w7tbc.org](http://w7tbc.org) or [tbirdfest.org](http://tbirdfest.org), we've got them renewed until 2024. (Even better: they now all expire the same year!)

### Elmering Opportunities Available

Is there something that you don't know about that you'd like

*Continued Next Column*

## Public Service Calendar

### Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Mogollon Monster 100	Pine	09/12/20
Barnburner Mountain Bike Race	Kendrick Peak (NW of Flagstaff)	09/19/20
Auxcomm Interest	TBD	12/31/21

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.



*Memorial Day  
May 25, 2020*

### TBARC Continued from Previous Column

to know more about? How about something that you know a lot about that you'd like to share? That's what elmers are for! If you'd like to get in on this, let Rick [k7tej@w7tbc.org](mailto:k7tej@w7tbc.org) know - he'll connect you with someone who knows more (or less) than you do!

TBARC will hold a virtual (Zoom) meeting for the May meeting. Directions will be on the club website [w7tbc.org](http://w7tbc.org) once they have been finalized. Keep your eye on the website for details!

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

## 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 if test session will be held.**

### MayTest Sessions

**May 2nd** - Unsponsored -- 9:00 AM

DeVry University Library, 2149 W Dunlap Ave, Phoenix  
Contact - David Morrill 623.680.5011  
No Walk-Ins / Call Ahead

**May 12th** - WARC -- 7:30 PM

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

**May 4th** - West Valley ARC -- 6:00 PM

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

**May 16th** - Hualapai ARC -- 10:00 AM

Kingman Fire Station, 2600 Northern, Kingman  
Contact - Daniel Miller 928.897.3883

**May 5th** - 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

**May 19th** - 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 for Test and Location Info

**May 9th** - 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 / Appointment Only

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

Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix  
Contact - Brian McCarthy 623.486.0507

**May 11th** - East Valley VE Team -- 6:00 PM

City of Mesa Utilities, 640 N Mesa Dr, By Flag Pole, Mesa  
Contact - Fred Bolinger 480.242.8606

**May 31st** - Arizona ARC -- 7:00 PM

American Red Cross, 4747 N 22nd St, Phoenix  
Contact - Gary Hamman 602.996.8148  
No Walk-Ins - Pre-Register by Saturday Before

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

Hardesty Mid-Town Police Bldg, 1100 S Alvernon, Tucson  
Contact - Diane Zimmerman 520.664.5070





## **May Club Meeting Announcement Tuesday, May 19 at 7:00 PM**

Club meetings are normally held at Charles K Luster Building (address on page 3 in Member Clubs). President Andy Keels is being briefed regularly on Arizona's Coronavirus situation. Look for us on the linked repeaters of 147.12 and 449.60, as likely that will still be the case, but also keep an ear out for an in-person meeting announcement. Check the club website, [SuperstitionARC.org](http://SuperstitionARC.org). Visitors are welcome, as always.

In the event of a radio meeting: If you are awaiting your license, please tune in and listen on the frequencies posted. For licensees, to access the repeater, 147.120 has a + transmit offset and tone of 162.2 Hz. 449.600 has an offset and tone of 100.0 Hz.

## **Fusion Confusion Net 8:00 PM Monday and Friday**

I have added the Fusion Confusion net in the May Club information box which appears adjacent to this column, or toward the bottom of the page before or after this column. John, KD8PC runs Fusion Confusion in Yaesu's C4FM Fusion mode on the 448.275 and on Wires-X. Several Phoenix-area repeaters carry the net through Wires-X Room 28592.

No 100.0 Hz tone required on Fusion digital mode, but FM analog operators need the 100.0 access tone. Tone squelch of 100.0 Hz will keep digital noise from opening the FM receiver squelch.

Fusion operators should be in auto receive mode so that analog can be heard on 448.275 MHz except during Fusion nets.

## **2020 Superstition SuperFest Is Still Scheduled for Saturday, December 5th**

MCC Parking Lot, Mesa, AZ is still on at this time. Please check [SuperstitionSuperFest.org](http://SuperstitionSuperFest.org) for latest news.

## **Club Meeting of March 17 over the air!**

The in-person meeting was canceled because of COVID-19 concerns, but was held over the radio on the Superstition

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

ARC Repeaters of 147.12 and 449.60 Tuesday, March 17, at 7:00 PM. We had President Andy Keels, KD4ABB run the biggest net of his life with 59 checked-ins before he gaveled the meeting closed. We had one late check-in to make the total of 60! It took something like 20 or 25 minutes just to get through the check-in process making the meeting run late.

A panel of Elmers took questions for 15 minutes each after the business portion.

## **Many Club Gatherings and In-Person Meetings Canceled**

The club was invited to set up at the site of the canceled Falcon Field Open House, the idea being that we could set up and play radio there March 28. The club will reschedule this event.

## **Club Meeting of April 21, Presentation Rescheduled**

Guest Speaker Bob Heil is being rescheduled for later this summer, and Presentations suited to on-air are being planned for upcoming On-Air Meetings in the place of our meetings at Charles K. Luster Building in Mesa.

## **Club Picnic of April 25, a Saturday Canceled, To Be Rescheduled**

The picnic at Red Mountain Park, a Pot-Luck gathering was canceled and we will reschedule for later this fall.

## **Board and SuperFest Meetings**

Andy reports the Board is investigating alternatives for its meetings, with the Black Bear Diner being closed to in-house dining during the pandemic. Please stay in touch through [superstitionARC.org](http://superstitionARC.org).

SuperFest organizers have resorted to email in the place of committee meetings on General Meeting night at the Luster Building.

## **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.







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

The current Pandemic has significantly altered everyone's lifestyle. I know we have several people who perform critical services and were not able to stay at home. We are particularly thankful for our first responders and medical teams for risking exposure to serve our communities. Please thank each of them when you see them.

As a ham community, we did not need to activate. This is good news. Are you ready to be deployed? What do you have in your go bag? Would your go bag support you for 72 hours? You may want to test this sometime. Take just your go bags and go away for a weekend. You may find things you wish you had, or things which do not work. Great excuse to head to the mountains and practice social distancing.

If we had a situation, where would you monitor? If you regularly participate in the AENMAR net on MetroLink at 2100 on Monday's, you would know that the information and resource net would be on MetroLink. To learn more, join the team on your local MetroLink repeater at 2100 (9PM) every Monday for the topic of the week. What is MetroLink, you can view it on the ARA site (<https://w7ara.org/pdf/ARA-Repeater-Info.pdf>).

CALLING ALL YOUTH !!! If you are at Least Jr High Age, you can participate in Explorer Post 599. This is the "Ham Club for Teens." Every Tuesday, they work on projects or technical discussions on Computers, Electronics and Radio. Visit them on Facebook (<https://www.facebook.com/W7BSA>) or email [president@w7ara.net](mailto:president@w7ara.net).

Because of Covid-19, the ARA has had limited meetings. The board meetings are being held electronically, and the March and April General meetings were cancelled. The May meeting is at risk, but the final decision will be made as we get closer to the date. Once things are safe again, we will restart the normal meeting schedule.

For now, please keep safe and social distance through your radio. Talk to you on the repeaters.

It looks as if social distancing will be with us for a while longer and we are all finding ways to adapt. Lots of amateur radio operators are participating in nets and chasing DX to keep busy. If Facebook posts are any indication, DMR and Fusion radios are selling like hot cakes.

Radio clubs are exploring new options for keeping members connected. In April the Arizona Red Cross Communications Club hosted our first online meeting using Microsoft Teams. We updated our members on how Red Cross will respond to disasters during a pandemic. With new protocols designed to minimize staff exposure to the virus our Red Cross Disaster Action Team volunteers continue to respond around the clock to meet with families when homes have been damaged or destroyed by fire. Our Service to the Armed Forces team continues to assist military families at home and abroad and our Biomedical staff is ramping up efforts to collect blood from volunteer donors for patients who depend on a stable supply of blood and blood products.

We also used Microsoft Teams to conduct an online session to learn about radio-based email using Winlink. Next month our Comms Team will be part of a nationwide digital messaging exercise for Red Cross chapters across the country.

Not all of our activities have been virtual. As we start thinking about wildfire season, we have had our command post out to do some radio testing from possible shelter sites. Let's hope we won't need to respond to any wildfires this season.

We hope everyone is staying safe, washing your hands frequently and practicing social distancing, Until next month, keep healthy!

73,  
Brian McCarthy, AK7F

ADAW

ADAW



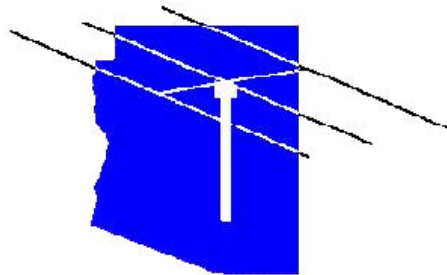
# No Reports Received

## Old Pueblo Radio Club INTERMOD



### RACES Repeaters

145.150	packet/wide	N7OEM
146.880 - PL 110.9	wide coverage	N7OEM
448.55 - PL 110.9	wide coverage	N7OEM



MARCA INC.



Emergency Communications Since 1961

**SHORT SKIP**

**ADAW**



# HAM RADIO OUTLET

WWW.HAMRADIO.COM

**NOBODY BEATS AN HRO DEAL!**



**FTDX5000MP Limited | 200W HF + 6M Xcvr**

- Internal Power Supply • Two Totally Independent Receivers
- Super Sharp "Roofing" Filters • High Performance Yaesu Custom- designed 32-bit Floating Point DSP • True Analog Meter Precision



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

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



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

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



**FTDX3000 | 100W HF + 6M Transceiver**

- 100 Watt HF/6 Meters • Large and wide color LCD display • High Speed Spectrum Scope built-in • 32 bit high speed DSP /Down Conversion 1st IF



**FT-857D | Ultra Compact HF/VHF/UHF**

- 100w HF/6M, 50W 2M, 20W UHF • DSP included • 32 color display • 200 mems • Detachable front panel (YSK-857 required)



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

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



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

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



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

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



**FT-2DR C4FM/FM 144/430 MHz Xcvr**

- Analog/C4FM Dual Monitor (V+VU+UV+U) • System Fusion compatible • 1200/9600 APRS Data Communications • Integrated 66ch High Sensitivity GPS • Wide Band Receiver • Snapshot Picture Taking Capability With Optional MH-85A11U



**FTDX101D | HF + 6M Transceiver**

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



**FTM-100DR | C4FM FDMA/FM 144/430 MHz Xcvr**

- Power Packed System Fusion Transceiver • High Audio Output Power • Rugged Powerful Transmitter • Integrated 66ch High Sensitivity GPS • 1200/9600 APRS Data Communications



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

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



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

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



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

**YAESU**  
The radio

During these uncertain times, we hope everyone is safe and staying healthy. Please call our store (602.242.3515) to make sure of the latest status on our ability to fulfill all your Ham Radio needs. We will continue to take your orders by phone and by our website and we are shipping orders to you 6 days a week.

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