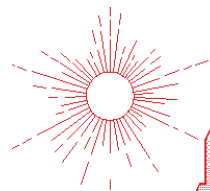


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 46, No 2

February 2021

CLUB MEETING SCHEDULE

SARC

Feb 3rd - 7:00 PM
On Line

AARC

Feb 11th - 7:00 PM
TBD

ARCCC

Feb 9th - 7:00 PM
Via Microsoft Teams

WVARC

Feb 1st - 7:00 PM
Via Zoom

SuperstitionARC

Feb 16th - 7:00 PM
Via Zoom-Repeater-Echolink

CHRC

Feb 13th - 9:00 AM
On-Line

ANSR

Feb 18th - 7:30 PM
via GoToMeeting

KARC

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

OVARC

Feb 19th - 7:00 PM
Via Zoom

AMO

Feb 11th - 7:00 PM
Charles K Luster Bldg

YARC

Feb 4th - 7:00 PM
Via Zoom

TBARC

Feb 18th - 6:30 PM
Via Zoom - See Website

ATN (VOAR)

Feb 21st - 7:00 PM
www.whereby.com/atn1

QCWA-AZ Chapter

TBD
Phoenix/Prescott/Tucson

CADXA

Feb 4th - 7:00 PM
via ZOOM

ARA

Feb 25th - 7:30 PM
Electronically

SunLifeARC

Every Monday - 10:00 AM
Via Zoom

CARL

TBD
Check Web Site

MARCA

Feb 16th - 6:30 PM
via ZOOM

MARA

Feb 6th - 9:00 AM
On-Line

MMRG

TBD
See Web Site

ADAW Member Clubs

ARIZONA AMATEUR RADIO CLUB

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

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

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

SCOTTSDALE AMATEUR RADIO CLUB, INC.

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

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

SARC, P. O. Box 10878, Scottsdale, AZ 85271-0878. Phone: 602.735.3988. DUES: \$20.00/YR, (\$10.00/Add'l Family Member). Web Site: www.scottsdalearc.org

ARIZONA NEAR SPACE RESEARCH

The Arizona Near Space Research group meets the **THIRD THURSDAY** of the month at 7:30 p.m. via GoToMeeting. Technical meetings are held the first Monday of the month at 7:30 p.m. on GoToMeeting. Please contact an officer about joining our meetings.

President	Stephen Thomas	KE7TLS	iamgadget1@yahoo.com
Vice President	Clayton Jacobs	KJ6QJS	
Secretary	Steve Miller	W6SDM	
Treasurer	Bill McLean	K7WWM	bmclean@gmail.com

ANSR, PO Box 31003, Mesa, AZ 85275-1003. DUES: \$10.00/YR. Web Site: www.ansr.org

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			vicepresident@w7tbc.org
Secretary	Andrew Cornwall	KF7CCC	secretary@w7tbc.org
Treasurer	Walt Reinert	NJ8G	treasurer@w7tbc.org
Directors	Chuck Erickson	K7CAE	k7cae@w7tbc.org
	Jeff Rogers	KD7PYE	kd7pye@w7tbc.org
	Clair Wyant	KG7MAJ	kg7maj@w7tbc.org
	Rick Tejera	K7TEJ	k7tej@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 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. Mailing address: PO 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 E AZ-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.

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

MINGUS MOUNTAIN REPEATER GROUP

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

President	Bob Sitterley	K7POF	928.636.2146
Vice President	Tom Griswold	WN7E	
Secretary	Lori Cripps	WA7EDI	602.955.7517
Treasurer	Bob Sitterley	K7POF	928.636.2146
Board Members:	Gary Hamman	K7GH	
	Butch Merrill	K7JOG	
	Jerry Roberts	KB7CN	
	Ken Rasback	KK7KEN	
	Tom Raczykowski	N7MMC	
	Sonja Hazlett	WB7CWW	

Web Site: <http://www.k7mrg.org>. DUES: \$20.00 per year, due prior to July 1. MEMBERSHIP YEAR - July 1 - June 30.

KACHINA AMATEUR RADIO CLUB

The Kachina Amateur Radio Club meets the **SECOND TUESDAY** of each month at 6:30 PM at New Hope Christian Fellowship, 989 Cheney Ranch Loop (US260 & Cheney Ranch) in Show Low.

President	Jim Mortensen	W7AZY	
Vice President	Bill Turley	KJ7GYH	
Secretary	Marie Mortensen	N7SKS	
Treasurer	Dennis Wilkes	W7DRW	928.739.4700

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

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:

Dennis Campbell, AE7WU	ae7wu@w7ara.net
Mike Montalvo, KF7MBK	kf7mbk@w7ara.net
Marty Dusenberry, KE7DGP	ke7dgp@w7ara.net
Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
Lance Halle, KW7LH	kw7lh@w7ara.net
Joe Godfrey, AE7JG	ae7jg@w7ara.net
Patrick Baldwin, KI4NSF	pbaldwin99@gmail.com
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	Steve Estes	KB7KWK	480.251.0551
Vice President	Brian Betz	W7JET	
Secretary	Scott Simeon	KI7KIM	
Treasurer	Bryan Hubbard	KF7DPC	480.205.8122
Board Members:	Fred Atkinson	WB4AEJ	602.464.4406
	Jeff Harris	K2DFE	602.617.6930
	Jeff Heinze	N7CCW	480.720.7908
	Bob Thomas	N8ANV	239.253.8279
	Emmet Plant	KB3MPN	
	Greg Watkins	WB7VOK	
	John Wolven	KG7NSP	

Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277. Web Site: SuperstitionARC.org and SuperstitionSuperFest.org. The Superstition Amateur Radio Club, Inc. is a 501(c)(3) non-profit corporation. For more information, contact: 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. via ZOOM - login info on W7MOT.org. Monthly presentations cover a broad spectrum of interesting subjects. Visitors are welcome to attend. Come early (6:00 p.m.) socializing. Repeater Problem Reports are encouraged. A Repeater Problem or Comment Reporting is available at <http://www.w7mot.org/index.php/repeaters/report-a-repeater-problem>. Site Managers and officers will take reports for any W7MOT repeater. Contacts are found on website. Club activities include providing voice, aprs, packet, DStar, and Fusion repeaters Central Arizona; ARRL Field Day, special interest groups in SDR, APRS, antennas, digital modes, and SBC applications.

President	Norm Johnson	AA7OO	480.278.2886
Vice President	Ray Vasquez	K4RMV	
Treasurer	Don Aldridge	WA7RLL	
Secretary	Paul Bennett	KD7KDO	
Board Member	David Yee	N7AJR	
Trustee:	Norm Johnson	AA7OO	480.278.2886
Webmaster:	Norm Johnson	AA7OO	480.278.2886

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

CENTRAL ARIZONA DX ASSOCIATION

The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. Until further notice, meetings will be held virtually on ZOOM. Visitors always welcome. See www.cadxa.org/meetings.html for a map.

President	Bill Poole	AA4Q	billpoole@yahoo.com
Vice President	Ron SMith	N7RD	n7rd@cox.net
Secretary	Bob Davies	K7BHM	k7bhm@cox.net
Treasurer	Mike Wright	N7MW	n7mw@aol.com
Past President	Larry Loen	WO7R	lwloen@gmail.com
Board Members	Eric Schecter	KC7ES	eschecter@gmail.com
At-Large	John Jolly	N7NWL	wa7nwl@gmail.com

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: 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.



YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at 7:00 PM (currently our meetings are on ZOOM due to COVID) in the Freeman Building at the Prescott Rodeo Grounds located at 840 Rodeo Drive in Prescott (visit web site at www.w7yrc.org for directions and map). YARC is an ARRL Special Service Club dedicated to public service and emergency preparedness. The club serves the quad cities area of Prescott, Prescott Valley, Chino Valley/Paulden, and Dewey/Humboldt.

President	John Snedder	KT7P	president@w7yrc.org
Vice-President	Mike Reid	WU7V	vice_president@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Post President	Bill Noe	WG7W	
Board Members	Dave Erlach	W7VXSX	rocketdog@dslxtreme.com
	Mike Schnell	NC7X	ka9cid@gmail.com
	John Laing	K7PRS	k7prsextra@gmail.com
	Ray Kolman	KI7COM	spudsmn@gmail.com

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

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). (Monthly meetings are being held on ZOOM during the Pandemic.) Visitors are **VERY** welcome. Board Meetings are held at 10:00 a.m. at the Ascension Lutheran Church located at 1220 W Magee Road in Tucson. (BOD Meetings are being held on ZOOM during the Pandemic.) Check the web site at www.tucsonhamradio.org for dates.

President	Steve Wood	W1SR	w1sr@arrl.net
Vice-President	David Beauchesne	AK2L	ak2l@arrl.net
Secretary	Logan Zintsmaster	KE7AZ	lrahnz@garlic.com
Treasurer	Hanna Eckert	KG7TPD	haneck@aol.com
Board Members	Fred Bresani	W2HZ	w2hz@verizon.net

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

CHANDLER HAM RADIO CLUB

The Chandler HAM Radio Club (call sign N7CHN) meets the **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 for dates and presentation topics of club meeting. Weekly net is held every Thursday at 8:00 PM on 443.050+ PL100.

President			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 or call Jack, KD7ROB at 480.759.5195.

AMATEUR TELEVISION NETWORK

The Amateur Television Network (ATN) promotes video operation on linked repeaters and mesh networks. Business meetings are in January and July. Monthly social meetings are postponed due to the pandemic. Join us online at www.whereby.com/atn1 on Sundays at 7:00 PM AZ time and Tuesdays at 8:30 PM AZ time for our ATV Nets. It's a lot of fun!

If you can, check in with RF on ATV, FM or DMR...

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

ATV Repeater Outputs: Phoenix - 1253.25 and 5910 MHz,

Mesa - 421.25 and 1289.25 MHz, Tucson - 1277.25 MHz

FM Repeater Outputs: Phoenix - 448.400 MHz PL 100.0,

Mesa - 445.175 MHz PL 100.0, Tucson - 445.225 MHz PL 103.5

DMR Talk Groups: 9410 "ATV Talk" and 31024 "ATN"

We also stream 24x7 on www.youtube.com/amateurtelevisionnetwork and on YouTube at W7ATN-Arizona Live and W7ATN-Mesa Live.

President	Ed Olague	K5OLA	602.885.7725
Vice President	Rod Fritz	WB9KMO	480.322.5149
Sec./Treasurer	Lee Weitzel	K0CCU	602.439.4840
Repeater Trustee	Kevin Jacobson	AD7OI	602.694.0851
Webmaster	Roland Hoffman	KC6JPG	562.577.1381

ATN-AZ, 4134 W. Danbury Dr. Glendale, AZ 85308. Full membership dues are \$75 annually. Affiliate membership is free. Website: www.atn-tv.org. Email: wb9kmo@gmail.com

WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club, an Arizona 501(c)(3) non-profit corporation, has been providing emergency communications since 1961. Meetings are the **FIRST MONDAY** of each month at 7:00 PM at Shepherd of the Desert Lutheran Church, 11025 N 111th Avenue in Sun City. The board meets on the third Tuesday of the month at 1:00 PM at Lou's Tivoli Gardens, 12535 W Bell Rd in Surprise. A weekly breakfast is held on Thursdays at Lou's Tivoli Gardens, 12535 W Bell Rd at 7:00 AM. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. Please check our website (below) for other events and information.

President	Danny Hoerr	KM4HFT
Vice-President	Bill Ciccone	KA2KHF
Secretary	Lee Ann Ciccone	KJ7AZR
Treasurer	Doug Totel	K9RZ
Board Member:	Krissy Larson	KI7GJJ

Joe Jacobson	KJ7PUL
Frosty Oden	NQ1S
Larry Johnson	WO7C

Past President	Danny	KM4HFT
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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

SUNLIFE AMATEUR RADIO CLUB

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

Nets:

20 Meter Net: Monday, Wednesday, & Friday, 14329 Mhz SSB 12:30 p.m./11:30 a.m. during daylight savings time.

10 Meter Net: Tuesday & Thursday, 28.329 Mhz, SSB. 7:00 p.m./8:00 a.m. during daylight savings time.

Venture Out: 2 Meter Net: Monday, Wednesday, & Friday, 1:00 p.m., 146.58 MHz FM simplex, 12:30 p.m.

President	Sue Rogers	W7SKH	happyham7777@gmail.com
Vice President	Ralph Towers	KA0CET	retowers@hotmail.com
Secretary	Chuck Rogers	W7CBR	rogers_charles@hotmail.com
Treasurer	Dwight Carlson	KF7WI	dec@kalama.com

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



ADAW Member Clubs

AMO - ARIZONA MESH ORGANIZATION

The Arizona Mesh Organization (AMO), 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
 Vice-President: Gary Hinton, AC7R vicepresident@arizonamesh.org
 Treasurer: Scott Gillins, W2KP treasurer@arizonamesh.org
 Secretary: Michael Bailey, KI7LXY secretary@arizonamesh.org
 Board of Directors
 Dale Schmidt, N7QJK n7qjk@arizonamesh.org
 Heidi Brewer, K7ZAE k7zae@arizonamesh.org
 Paul Lowe, N7NLY n7nly@arizonamesh.org
 Robert Fridell, N3BZ n3bz@arizonamesh.org
 Rodney Fritz, WB9KMO wb9kmo@arizonamesh.org

Arizona Mesh Organization Inc, 7939 E Golf Avenue, Mesa, Arizona 85209. DUES: Full Membership \$25.00 per year. Visit the AMO web site for more information on membership. Web Site <https://arizonamesh.org>

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



ADAW

ADAW Staff

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MARAEDITOR		
Curt Steger	NA7CS	csteger515@gmail.com
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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

January 2021 was an eventful month for our country. Some things that happened were wonderful, and others not so much. We have a new President, and a Vice-President who is the first woman, and the first Black and South Asian, to ever hold that office. It is a new beginning, an inclusive beginning, a healing beginning. We've come a long way. It was a rather rocky road to get to this point, but as is said, hope springs eternal.

The vaccine against COVID-19 is rolling out - a little slowly true, but getting to the people who are most vulnerable nonetheless. Plans are to open more distribution sites and ramp up distribution of the vaccine to more people more quickly. Projections are that the general population will be able to be immunized starting in Spring of 2021. It gives us hope for a return to a more normal existence . . . and hamfests!

On a somber note - The 2021 Dayton Hamvention has been canceled. The Hamvention Executive Committee made the announcement on January 11, 2021 stating:

"Unfortunately, several setbacks in the recovery from the COVID-19 pandemic make necessary the difficult decision to cancel Hamvention 2021."

The event, which is sponsored by the Dayton Amateur Radio Association (DARA), was scheduled for May 21 - 23, 2021.

The committee's decision was based on vaccine distribution lagging behind what was anticipated and the emergence of a new and more communicable variant of the COVID-19 virus which increases the potential risk to the public health. This difficult decision was made to protect their guests, vendors, and volunteers.

The show will return in 2022 and those who had their tickets deferred last year will have them deferred again. The committee also hinted at a QSO party on Hamvention weekend.

Here in Arizona, most of the hamfests have been canceled until the fall. The Radio Society of Tucson's Spring Hamfest on March 27 and the Cochise Amateur Radio Association's May 1st event are still on though - at least for now. Keep watch on ADAW and the ARCA website (www.arca-az.org) or the RST website (www.k7rst.org) for the latest information.

The QSO Today Virtual Ham Expo is scheduled to take place March 13th and 14th. This year there will be a \$10 "Entrance" fee to help offset the cost of presenting the event. The 2020 Expo was very interesting, filled with informative and enjoyable presentation over the two-day event. If you are having "hamfest withdrawal" symptoms, check it out. Visit their web site at <https://qsotodayhamexpo.com>.

Enjoy this month's edition of ADAW. "See" you next time!

73,
Chris, N7PVL

Hamfest Calendar

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

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

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

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

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

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

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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 Arizona Science Center (ASC) during those hours when the ASC is open. The station is located on the third floor of the Science Center in the “My Digital World” gallery. Direct phone number is 602-716-2082.

Unfortunately, as I write this, the Harkin’s Ham Shack remains closed due to COVID-19 concerns. Additionally, our web page is temporarily down. However, our Twitter feed and Facebook page can be accessed at twitter.com/w7asc_arc and facebook.com/W7ASC, respectively. And, all licensed amateur radio operators are invited to join us Wednesday and Saturday mornings at 0900MST for the CARL Net on 440.375 MHz, offset +5.0, tone 100.

How will Ham Radio Survive?

No, I’m not going to repeat Jean’s January column, but his question got my attention and I have been thinking about it a lot. That can be a dangerous thing. But, I digress.

Let’s start with the assumption—and desire—that it will survive. The quandary is: How do we make that happen? The keyword here is “how.” It won’t survive on its own, although bureaucratic momentum and lethargy are on our side. So, while we have time, we must make a clear and vocal case for its continuance and robustness.

At its root, amateur radio is simply private citizens talking to one another over governmentally regulated airways. But we are not alone. We share that scope with CB, FRS, ARS, and MURS operators, to name a few. What do we have in common with them and what do we have that is unique? A quick glance at the chart at mikebeach.org/2016/10/13/ reveals that ARS holds all the cards when it comes to RF spectrum. That same spectrum that Jean said is pure gold in the eyes of regulators. If we lost our spectrum, we would become just another member of the pack of ordinary citizens chatting over the airways. That would kill amateur radio both as a hobby and a public service. At this point, I wish that I could lay out the steps for guaranteeing the survival of amateur radio into the next century. But, I can’t. What I can do, is begin the conversation.

For starters, our value to the public is embodied in our

CARL Continued from Previous Column

communication skills. Skills. Not just the gift of gab. As Jean pointed out, hams continuously hone and practice those skills, at their own expense and on their own time, including coordinated exercises with local, state, and national governmental agencies. And, we don’t have to apply for funding or permission. Nor, with the exception of specialized teams with mobile communication hubs, do we have to travel hundreds or thousands of miles to areas of need. There are over 700,000 of us in America already distributed in every U.S. state and possession ready to become a node in a network that covers the continent. Can CB, FRS, MURS, or even the federal government do that? And, thanks to our present diverse spectrum allotment, all 700,000 licensed amateur radio operators own or have access to compatible equipment. Can local police, fire, and other governmental agencies communicate among themselves or across city, county, and state boundaries with ease? We can, and we do it every day. Who is better equipped for the “when everything else fails” scenario?

I think it was Tennessee Ernie Ford who told a joke about training a mule. First, you have to get his attention and a two-by-four (sorry, ASPCA) does the trick. At C.A.R.L., in non-COVID times, we gather at the Harkins Ham Shack at Arizona Science Center, 363 days a year, not to chat with other hams over our radios, but to demonstrate amateur radio and educate the public on its value to the world in general. We don’t use a two-by-four to get their attention, but we do have to be creative to start the conversation. Despite its perceived obsolescence, the Morse code key is all we need to turn heads from other exhibits around us to our shack and its myriad of “eye-candy.” From there, it is up to us to guide the conversation to other aspects of amateur radio. Do we convert every youth and adult who sends their name in Morse code? No, but we start the conversation. Even the naysayer who approaches the shack with a cell phone held high declaring “this is all I need” goes away with a different perspective than when they began their day.

As for public media coverage, it is difficult to get but we need to be ready to project more than what is evident by fancy equipment and certificates of performance hanging on our shack wall. When a local TV host planned a recording session at Arizona Science Center, our shack was on the agenda but her producer let us know that it was not at the top of the list. With a little diligence we were ready when she arrived at the shack. (I do have a touch of larceny in my soul.) After sending her name in code, she asked the magic question – “Can I talk to somebody on the radio?” “Let’s give it a try. It’s like yelling ‘Hello’ out your front door,” I said while picking up the mic and making a call on a local repeater. In an instant, a fellow ham



For Sale / Wanted



**LOOK!
Great Deals!**

For Sale

Won't we be glad when Covid-19 is just a bad memory?! It will be a pleasure to resume our person-to-person club meetings and our hamfests again! The Arizona Amateur Radio Club did not have its usual Christmas party, but we finished 2020 with a testing session on December 26. At that session there were two upgrades.

If you are reading this in the February 2021 ADAW, you are undoubtedly aware of the high quality of the publication Chris, N7PVL, produces each month, a newsletter full of information of interest and importance to many Arizona club members. Thanks, Chris, for doing this!

The Arizona Amateur Radio Club has its weekly net every Thursday evening on the repeater of Lee Walters, W7UXZ 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. You are welcome to join us.

73,
Lori, WA7EDI

ADAW



CARL Continued from Page 8

across town came back, and the rest is history. We survived the editing session and were part of her TV segment. To this day, a two-second still shot of her amazement is part of the recurring commercial for that local TV program.

Happy Valentine's Day. What arrows are in your quiver for promoting amateur radio in the public eye?

73 de WB4ZSC Steve
vyix99@yahoo.com
480.570.1041

ADAW

For Sale - "The Dominator" 6 meter, 5/8 wave vertical antenna. Made like a tank in Italy by SIRIO. Is in perfect condition in Tucson. \$100.00

Contact Richard Bruns, K7VQ at d_brunz27@yahoo.com

70CM Yagi - 70 CM Yagi, KLM model 440-16X. Gain 14.0 dBd, Broadbanded 420-450 MHz. Boom length - 10 ft, 3 in. \$50 including manual.

2M/70CM Dual Band Vertical

This is a tall model, about 17 ft. including the mount/mast overlap. I got it from a neighbor ham who passed away. I wasn't able to get a manual or make/model. However, it looks to be in good condition and I have verified good SWR on both bands. This is your chance to equip your shack with a high gain antenna for little money. \$35.

For both above - Contact Erik Basilier K7TV at ebasilier@cox.net

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 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 to arrange a meeting.

Ham Radio History - FREE

This collection includes vintage QST, CQ and 73 magazines as well as almost all of QST for the last dozen years. Pick up only in Fountain Hills.

QST: misc '57-'59, 1/60-7/63, 8/64-12/65, 1/08-12/15, 2/17-6/17, 9/17-2/20, 4/20-12/20.

CQ: 1/59, 5/60-2/61

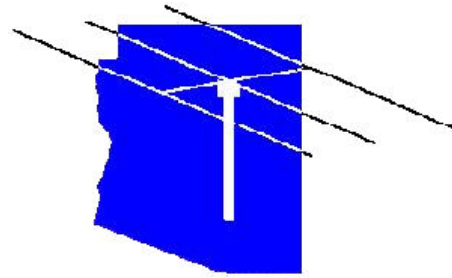
73: 5/61-2/62

Take all or just the era that you'd like. Packed in date order in four photocopy paper cartons.

Contact - K7EAL, ericlandau@usa.net

The **West Valley Amateur Radio Club** has radios and ALL kinds of supplies available for sale through the club. We get some old equipment that won't sell that will be added to the items for free. Contact: Ken Jenkins, WB6MMV at kjenkins5623@gmail.com or Jim Seay, WB7RBN at wb7rbn@arrl.com.

ADAW



MARCA INC.

AF7BJ/SK

TBARC lost one of its own recently. Gary Cline AF7BJ succumbed to complications due to COVID-19 on January 4, 2021. Gary had been a longtime member of TBARC, served on the board in multiple capacities (most recently as secretary), and was a great supporter of club events. Whether it was the TBARC weekly net, the monthly breakfast, or directing traffic at the hamfest, Gary was always available and enthusiastic. He was someone you could always count on, and a great guy to be around.

Gary's obituary can be found at <https://www.dignitymemorial.com/obituaries/glendale-az/gary-cline-9981249>.

Nobody will forget Gary's laugh, or his passion for heading "up north" to camp and escape the heat. I think he might have visited half the state in search of the perfect spot - generators allowed after midnight, friendly forest service hosts, room for long antennas and enough elevation to work the world. We will miss him.

Room on Board!

We're swiftly filling out the roster of committee chair positions. These are the things that keep the club going - and there are still a few spots open. Is organizing a calendar something you're good at? If so, you might think about the Education chair. A large part of it is making sure that class instructors show up to teach on the right day! Are you good with your phone's contact list? Keeping track of things like that would make you a great membership chair! Are you ready to help out but want your hand in lots of different areas? Drop a line to president@w7tbc.org. Charlie may have a spot for you!

FCC Fee Increase

Our newly-minted director Chuck Erickson K7CAE has been keeping his eye on the FCC fee increase proposal. Regrettably, it has been only slightly modified after the comment period. The fee will be \$35 for 10 years, rather than \$50 - but I think we're all sad to see there be any fee at all. In fact, there are now fees for a new license, getting a special temporary authority, a rule waiver, a renewal, and a vanity call sign. We're not happy about that, but the FCC says it's doing what Congress told it to do. The FCC hasn't started charging

MARCA continues to meet via ZOOM each third Tuesday of the month. Sign-in starts at 6:00 PM and the meeting starts promptly at 6:30 PM. Usually, the exciting program starts prior to the boring business meeting. Details for connecting are posted, along with the month's program, on the club's website at W7MOT.org.

Items of interest for 2021 include hardening the D-Star repeater cluster on White Mountain; adding additional MESH nodes; looking at what MARCA can do to facilitate emergency communication for northern Arizona; adding a VOIP connection to the Chandler Hospital; returning to our normal Field Day site at Gentry Lookout; and getting back to VE testing and meeting in-person later this year.

ADAW

CARL Continued from Previous Column

a fee at press time - so there's still time for upgrades without cost until they announce payment details.

Have you renewed your membership with TBARC?

Back in October we started our annual membership drive, and a large percentage of members have already renewed. If you're not one of those, head to w7tbc.org and click "Renew Your 2021 TBARC Membership Today." Join us and you'll be first to learn about the upcoming activities.

Speaking of which . . .

Our upcoming activities remain virtual for now. But Arizona is rolling out phase 1B starting on Monday, January 11 (that's people 75+) and phase 1C comes after that (anyone 65+ or with high-risk medical conditions). Then comes phase 2 and phase 3, which are general population. At that point - expected to be summer 2021 - we should be through this mess. I'm looking forward to seeing you then!

Andrew Cornwall KF7CCC
kf7ccc@arrl.net

ADAW

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.

February Test Sessions

Feb 6th - 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 / Register or Call Ahead

Feb 16th - 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

Feb 6th, 13th, 20th, 27th - NOMADS -- 9:00 AM

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

Feb 17th - Thunderbird ARC -- 6:00 PM

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

Feb 6th - K7ARC VE Team -- 9:00 AM

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

Feb 20th - West Valley Electronic Club -- 1:00 PM

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

Feb 6th - Yavapai ARC -- 9:00 AM

Jeep Posse Bldg in Pioneer Park, 1200 Commerce Dr, Prescott
Contact - Donald Bauer 928.775.4690
Pre-Register online: www.w7yrc.org

Feb 27th - 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 the Thursday before

Feb 8th - Radio Society of Tucson -- 7:00 PM

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





HELLO ALL,

This has been a very busy month with LOTS of news. A couple of days ago, the FCC made the decision for fees accessed to radio amateurs for license application, renewal of license, vanity call change among others. Items like change of address, name, etc. will be free of fees. Please see the ARRL bulletin on this subject. Unfortunately, they left out the effectivity of the fees for upgrading class of license to a higher class of license. We shall have to wait to determine that. My recommendation on this: Get your license manual out and study and upgrade ASAP. For NEW members, get the highest grade of license you can first time through. The time line for licensing looks as though it will be more than 60 days and less than 90 days. The opportunity to change call sign, etc. will have the same window.

ITEM OF INTEREST:

Looking at the history on the use of MORSE code in the military spying activity. Please do a search for "The Last Elephant Cage," and look at a YouTube presentation on Morse Code and military operations. You will find a lot of history with very interesting observations.

HIP (Ham in the Park) met a couple weeks ago with some attendance In attendance had a good time. The next HIP will be Friday, January 8th, 22nd, and February 5th at the Scottsdale City Park, North East corner of Thomas Rd. and 86th Street. Time is 10:00 AM. See you there.

On a personal note, I received an email from QCWA recognizing my being a HAM operator for 65 Years. In addition to that I have been a member of ARRL for over 60 years.

73's
Paul W7EFQ



On Saturday, January 9, 2021, MMRG held its annual Board meeting via internet video connection. Election of officers was held.

President: Bob Sitterley K7POF
Vice President: Tom Griswold WN7E (Replacing the late Ray Tyrrell N6MY)
Secretary: Lori Cripps WA7EDI
Treasurer: Bob Sitterley K7POF

Butch Merrill K7JOG
Sonja Hazlett WB7CWW
Jerry Roberts KB7CN
Gary Hamman K7GH
Ken Rasbach KK7KEN
Tom Raczykowski N7MMC

Technical Committee:
Bob Sitterley K7POF Chairman
Jerry Roberts KB7CN Tech. Committee
Tom Raczykowski N7MMC Tech. Committee


The annual membership picnic is scheduled for May 8, 2021. Providing it is not canceled because of the COVID-19 Virus like the 2020 Membership picnic was. A secondary date would be in late September. Members will be advised of details via e-mail.

Nothing earth shattering happened at the meeting. The attendees agreed that the on line Board Meeting with audio/video recording was handy as well as not having to drive up to 100 miles.

Happy New Year
Bob Sitterley K7POF



SARCCONSTANTS:
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.





Hello Everyone from the Kachina Amateur Radio Club!

February comes in fast and leaves early. The sun has been shining with the brilliance of the finest of crystals, and ever deepening blue skies, with the occasional Sun-dog appearing. We've had some really cold days and even more so, colder nights, reaching down into that cold, unforgiving well of single digits of 1 or 2 degrees. Brrr!

However, the cold weather doesn't deter the new or well-seasoned Amateur Radio Operator up here from making Radio Contacts. We turn up the heat at the homestead and fire up the Radio for those Contacts we've been looking to make for quite some time. We are looking forward to hearing from those who participated in the Amateur Radio 2021 Winter Field Day.

Due to the ongoing health concerns for groups, we held our club meeting On Air in January. Jim Mortensen W7AZY, gave a great presentation on how to handle an emergency call on the Radio, and what the ideal course of action should be to relay the message to the correct people by the best means available. The next Meeting of the Kachina Amateur Radio Club will be February 9th, On the Air at 7:00 PM. This is temporary until the public health concerns improve, and as we all know, that is a moving target. Another serving of Patience for anyone?

Jim Mortensen W7AZY reported that on January 2nd & 4th, Bill Turley KJ7GYH, Randy Beecroft W7RJB, and Jim Mortensen W7AZY went over to help Bill Smith W7ARZ with his HF antenna. Not having any good success on the 2nd, they went back on the 4th with a new antenna, a Windom OCF. Bill is back on the HF bands and very grateful. It's a good thing to be able to take our turn to help others with their antennas. There may be a time when we may find ourselves in need of help with our hook-ups. It's nice to be around friends and to have the chance to gather and work and visit about Radio.

Resuming our VE Testing schedule, on the first Saturday of each month, the next one will be held on Saturday, February 6th, 9:00 AM, Taylor Fire Department, Taylor, AZ. We are always grateful to the many Volunteers who make that happen, and very thankful to the Taylor Fire Department for their venue that is made available to us.

That's about it for us up here. Some of us have gotten new antennas, some have gotten new radios, and some have dusted off their older equipment to bring it to life again. We are doing what we can to stay Radio Active on the Airways up here and

Continued Next Column

Happy New Year to Everyone and Welcome 2021!

As with most clubs, we are making the best of the situation with various virtual meetings. Our monthly meetings are continuing using ZOOM and we have switched our Saturday morning breakfast meetings to an on-the-air event. Please see our website at tucsonhamradio.org for more details.

Our Sunday evening C4FM net is going along quite well. There are significant check-ins and some very informative traffic that is shared. This net is open to everyone. It starts at 7:30 PM local time and more technical details are noted on our website. Please check in if you can.

By the time you read this, our January meeting will have concluded. Our January meeting is our Annual Meeting when we hold elections for club leadership. This year our elections are being held electronically thanks to some apps and ZOOM. Many thanks to David - AK2L for doing all of the research and putting this together for the club. It is always the hope of all of us that OVARC will continue to grow and explore new applications of amateur radio.

With the vaccine coming, my hope is that we will get to see each other in person by the second half of this year. We are also hoping to have the hamfest toward the end of the year. More on that soon.

As always, please see our website for many more details.

73, Steve, W1SR

ADAW

KARC Continued from Previous Column

keeping warm. The daylight is lingering longer and we enjoy checking in on our local Net to hear the friendly voices and wind down for the day. Join us if you're up this way!

Share your sparkling eyes of friendship, smile and laughter with someone today, they may need it more than you will ever know!

Take care and be well,
Tara KI7KLJ



The Amateur Television Network (ATN) promotes video operation on linked ATV repeaters, mesh networks and to all parts of the world over the Internet.

Welcome to February 2021. We hope you're all happy and healthy with lots of hope for a better year.

ATN-AZ is starting off the new year in a great place with plenty of promise to get even better. Amateur television is alive and well with better quality and farther-reaching connections than ever before. Our repeaters, microwave links and Internet links are very reliable now and we're starting to cross-link with mesh networks. We have regular check-ins now from all over the U.S., UK, Canada, Australia and New Zealand. We really are "On the Air to Everywhere!"

You can easily join us at www.whereby.com/atn1 on Sundays at 7pm and Tuesdays at 8:30 p.m. AZ Time. Or just talk to us on 448.400 MHz FM with 100.0 PL. Of course, we prefer live ATV check-ins. If you're not set up for that already, we'll gladly help you learn how. If you have DMR, try Talk Group 9410 (ATV Talk).

We're always looking for new members. Ask us about our free Affiliate Membership and our \$75 Full Membership. Either way we'd love to have you on our ATN-AZ Team.

If you were ever on Amateur Television before (it is much better now) or if you want to learn more about what's new in ATV (you'll be pleasantly surprised), make getting on ATV a new year's resolution. Tune into one of our weekly nets.

Make 2021 the year you join a new Amateur Radio group where you can eyeball safely on the air. This 21st century mode even allows you to use your smart phone as an ATV transmitter and receiver. How cool is that?

We look forward to seeing you on ham radio real soon.

Ed Olague K5OLA
Rod Fritz WB9KMO
Amateur Television Network - AZ



COVID-19 Club Meeting Schedule Till Further Notice
Board meetings meet the Second Tuesday of each month over ZOOM videoconferencing at 6:30 PM. If you are not a member of the Board, you may request to speak at the meeting by emailing the President@SuperstitionARC.org at least 24 hours in advance.

Club Meetings are on the Third Tuesday, 7:00 PM every month, over ZOOM. Visitors are always welcome, and you may email the President@SuperstitionARC.org in advance for a link to the meeting. Members already get notified by email of the meeting link.

Next Club Meeting Tuesday, February 16, 7:00 PM on Zoom

Vice President and Program Chairman Brian Betz is awaiting confirmation of his guest speaker at press time.

Please see the club web site, SuperstitionARC.org for current details as they emerge.

EchoLink callsign changes to WB7TJD-L

The EchoLink link to the Superstition ARC linked repeaters of 147.12 and 449.60 has changed from KB7KWK-L to WB7TJD-L in 2021. The information box accompanying our column has been updated accordingly.

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 Page 15



February 15th

Happy Groundhog Day



February 2nd



Having missed the January issue of ADAW, may your faithful scribe wish each of you a very Happy New Year. Wow, 2021! Must be getting old.

The Yavapai Amateur Radio Club, like many others, continues to operate with Covid-19 restrictions in place. Our regular monthly club meeting has been conducted via Zoom, with as many as 40+ members on line. If you would like to join the fray, the Zoom link can be found on the front page of our website, www.w7yrc.org

The Yavapai Amateur Radio Club now has a 2-Meter and 70CM FM net dubbed the "1300 Net" It is held every day, except Saturday & Sunday at 1300 hours MST on 146.880 – with a PL of 100 Hz and 447.650 – with a PL of 100Hz. These Linked repeaters have AllStar node 502370 and Echolink W7YRC-R. Details of this and several other nets can be found on our website.

We start 2021 with some new faces on the YARC Board of Directors. Mike NC7X and Ray KI7COM were elected by the membership, and started their terms with the January meeting. Former VP, John KT7P has taken the helm as President. Congratulations and welcome to them.

We will be ramping up our involvement in the ARISS project for the local students to have a QSO with the International Space Station sometime this year. About fifteen months ago, David K1AN and Heather W8GEM did a presentation about a program involving schools, STEM, amateur radio and the ISS. The membership voted to support the effort and several of the club members provided contacts and information, wrote letters, did hands on work with David and Heather, and the Prescott Unified School District jumped in big time. Thousands of applications go in each year for only a small number of available slots and this one got approved! There was a window set for early March, however, you guessed it, we now are in the delay mode because of COVID-19. The key word here is delayed, not canceled, just delayed. Again, more opportunities for amateur radio and the club members to share information, share knowledge and expertise and help shape the future paths of our youth. Hopefully, we will present more on this project in future issues of ADAW.

We continue to conduct license testing sessions using a staggered time and social distance arrangement. Doing this, we can accommodate 18 candidates. Our next session will be on February 6, 2021. Pre-registration is required at www.w7yrc.org/arrl-vec/. We require registration ahead of

Continued Next Column

YARC Continued from Previous Column

the test sessions because of the COVID restrictions limit group size and time and place of testing can be changed without much warning.

2020 has been a disappointment in many ways, but worst has been 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 2021. Let's all hope things improve this year, but it isn't looking good so far.

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.

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

ADAW

Superstition Continued from Page 14

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
- Saturday Supershow: Sat, 8:00-9:00 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 for the latest information.



Public Service Calendar

Maricopa County Emergency Communications Group Events

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

Due to the ongoing situation with COVID-19, the February 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. The meeting will be Thursday night, February 4th, 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 February program will be “ET3AA Ethiopia DXpedition” by Ken Claerboat, K4ZW. Ken was first licensed in 1977 as WD9DEE while attending high school in Cedar Grove, Wisconsin. He later upgraded to Extra class and obtained the call KE9A. In 1984 he moved to Virginia after accepting a position with the Diplomatic Telecommunications Service in both engineering and management roles, supporting the secure, global network of US embassies and facilities around the world. He later spent six years in the private sector at a global telecommunications provider for Sprint, France Telecom, and Deutsche Telecom. He currently works for the Broadcasting Board of Governors in downtown Washington DC. Ken holds a degree in Electrical Engineering and a master’s degree in Telecommunications (Public Policy and Business) from George Mason University. Ken is currently licensed as K4ZW and enjoys contesting and chasing DX on the low bands, both from his home station and overseas.

The January program was “6O7O DXpedition to Somalia” by Ken Opskar, LA7GIA. This trip was Ken’s second to Somalia and he went there by himself this time, not a trip for the fainthearted. Ken described all that he had to go through to get operating permission and relied heavily on a local friend for assistance in getting his lodging and all the required permits for his DXpedition. He gave many DXers an ATNO (all time new one) thanks to his amazing efforts to put Somalia on the air again. You can see Ken’s program on YouTube at <https://youtu.be/AE5zhvcb3EE>.

The CADXA Board of Directors for 2021 was installed at the January meeting as follows:

To sign up for an MCECG Public Service Event: www.mcecg.net

For information, contact Dennis Bietry - KE7EJF at 602.274.3732 - email, ke7ejf@cox.net, or contact the Event Coordinator for the event.



CADXA Continued from Previous Column

President – Bill Poole, AA4Q
Vice President – Ron Smith, N7RD
Treasurer – Mike Wright, N7MW
Secretary – Bob Davies, K7BHM
Director-at-Large – John Jolly, N7NWL
Director-at-Large – Eric Schecter, KC7ES
Past President – Larry Loen, WO7R

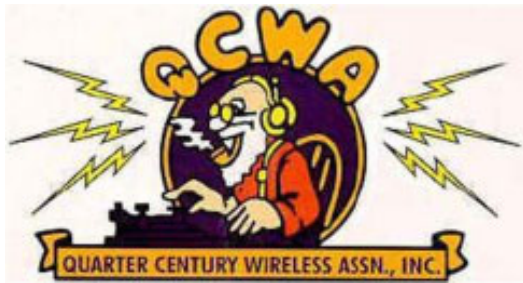
The DXer of the Year award for 2020 went to Tom Kramer, NQ7R. The Presidential Service Award went to Reinhard Geissler, K7RGG.

I’d like to thank the members of the 2020 Board of Directors for their service to the club.

73,

Bill Poole, AA4Q - CADXA President

Continued Next Column



CHAPTER 16

BARRY M. GOLDWATER ARIZONA CHAPTER

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

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

Webmaster: John Marshall WA7BSR WA7BSR@gmail.com

Web Site: <http://azqcwa.org> Email: azqcwa@gmail.com.

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



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ID-5100A Deluxe

VHF/UHF Dual Band Digital Transceiver

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IC-7851 | HF/50MHz Transceiver

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

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

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IC-R8600 | Wideband SDR Receiver

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

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



IC-7610 | HF/50 MHz All Mode Transceiver

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



IC-2730A | VHF/UHF Dual Band Transceiver

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



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IC-2300H | VHF FM Transceiver

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This device has not been approved by the F.C.C.



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• PHONE - Toll-free phone hours 9:30AM - 5:30PM

• ONLINE - WWW.HAMRADIO.COM

• FAX - All store locations

• MAIL - All store locations



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