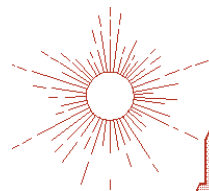
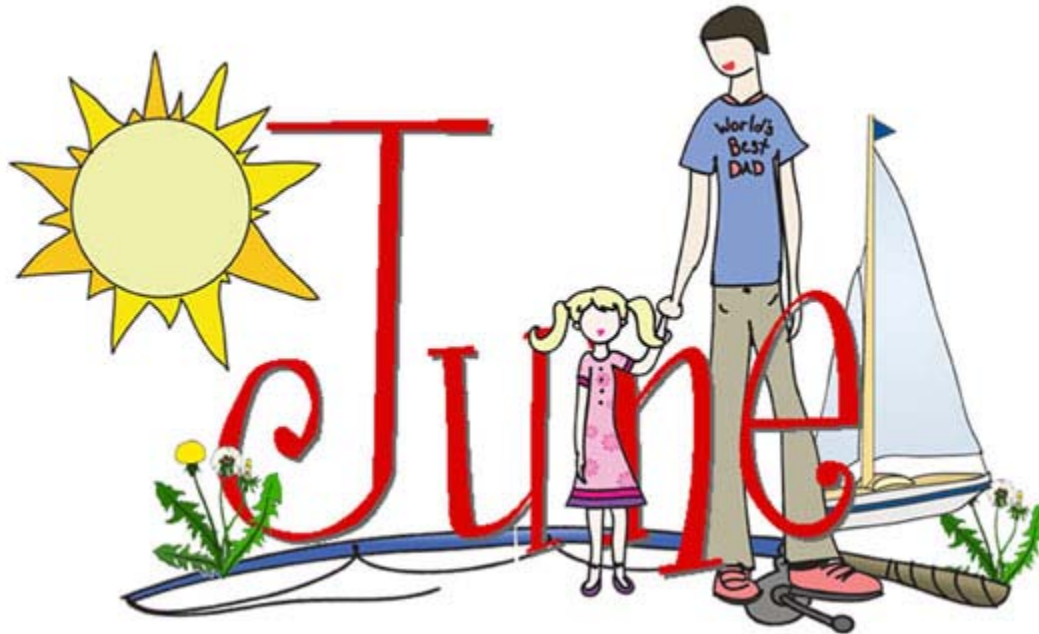


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 45, No 6

June 2020

CLUB MEETING SCHEDULE

SARC

Jun 3rd - 7:00 PM
On Line

AARC

Jun 11th - 7:00 PM
Red Cross Bldg. - Phx

OPRC

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

TBARC

Jun 18th - 7:00 PM
Via Zoom - See Website

CADXA

Jun 4th - 7:00 PM
via ZOOM

ARA

Jun 25th - 7:30 PM
TBD

MARCA

Jun 16th - 6:30 PM
TBD Check Web Site

MARA

Jun 6th - 9:00 AM
Club Repeater ?

ARCCC

Jun 9th - 9:00 AM
Via Microsoft Teams
Phoenix

WVARC

Meetings Suspended
Shepherd of the Desert
Lutheran Church

SuperstitionARC

Jun 16th - 7:00 PM
? Charles K Luster Bldg ?

YARC

No June Meeting
Prescott Rodeo Grounds

ANSR

Jun 18th - 7:30 PM
via GoToMeeting

KARC

Jun 9th - 6:30 PM
On the Air

OVARC

Jun 19th - 7:00 PM
Via Zoom

CHRC

Meetings Suspended
TBD

ATN (VOAR)

Jun 21st - 6:30 PM
Dennys or On-line

QCWA-AZ Chapter

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

AMO

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

SunLifeARC

Mondays - Oct-Apr 10:00 AM
Greenfield Village RV Resort

CARL

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

MMRG

TBD
See Web Site

ADAW Member Clubs

ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:00 p.m. at the American Red Cross Building at 4747 N 22nd St. in Phoenix. Visit web site at www.W7IO.org 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	K00TZ	
At-Large	David Yee	N7AJR	
	Bill Kouchis	N9EIV	
	Jim Dye	AG7AU	
	Paul Finell	W7EFQ	
	Chris Schweiger		

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	bmclean1@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	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 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.
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 or kachinaarc@gmail.com 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:

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 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. 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 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. 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.

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 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	sandymeadow2@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

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 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. 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 or call Jack, KD7ROB at 480.759.5195.

AMATEUR TELEVISION NETWORK

The Amateur Television Network (ATN) is a group of radio amateurs that promotes video operation on linked repeaters and mesh networks. Our business meetings are in January and July. Monthly social meetings are the **THIRD SUNDAY** of each month at 6:30 PM at Denny's in Tempe or whereby.com/amateurstvnetwork. Watch our nets on Wednesday and Sunday at 7:00 PM AZ time and Tuesday at 7:30 PM CA time. Video streams are on www.youtube.com/amateurtelevisionnetwork, search for W6ATN Live or W7ATN-Mesa Live. Send your live video to whereby.com/amateurstvnetwork, W7ATN-Arizona and W7ATN-Mesa. Check in on whereby.com/amateurstvnetwork, ATV, FM or DMR.

ATV Repeater Inputs: 434 MHz AM/DVB-T and 2441.5 MHz FM
 ATV Repeater Outputs: Phoenix - 1253.25 and 5910 MHz,
 Mesa - 421.25 and 1289.25 MHz, Tucson - 1277.25 MHz
 FM Repeater Outputs: Phoenix - 448.400 MHz PL 100.0, Mesa - 445.175 MHz PL 100.0, Tucson - 445.225 MHz PL 103.5
 DMR Talk Groups: 940 "ATV Talk" and 31024 "ATN"

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

ATN-AZ, 4134 W. Danbury Dr. Glendale, AZ 85308. Membership dues are \$75 annually. Affiliates are free. Website: www.atn-tv.org. 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	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

SUNLIFE AMATEUR RADIO CLUB

The Sunlife Amateur Radio Club meets **EVERY MONDAY** from October through April each year at 10:00 a.m. at the Greenfield Village RV Resort located at 99 South Quinn Circle in Mesa. Meetings are held in a gated community. For access, please contact Sue Rogers, W7SKH at happyham7777@gmail.com.

Nets:

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

10 Meter Net: Tuesday & Thursday, 28.329 Mhz, SSB. 7:00 p.m./8:00 a.m. during daylight savings time. Check in using Echolink Node W7ASL-L. Nick, AA7QK provides this service and will assist you.

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

President	Sue Rodgers	W7SKH	happyham7777@gmail.com
Vice President	Ralph Towers	KA0CET	retowers@hotmail.com
Secretary	Chuck Rodgers	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

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 Gary Laatsch KI7PBR pres@chandlerhams.org
 Vice President Norm Fasoletos K7NWF vp@chandlerhams.org

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

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>



The *Arizona Desert Aire Waves* is published monthly and is the official news media of the sponsoring clubs. All news items, articles and inquiries should be submitted to each club's editor. Any information and opinions printed herein are those of the contributors and are not necessarily those of the sponsoring clubs. Full permission is granted to quote from this publication providing credit is given to the individual contributor and the ADAW. ALL RIGHTS RESERVED. **Deadline is 10th of the month**

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

From The Editor's Desk

Editor's Desk Continued from Previous Column

This month we welcome a new addition to the pages of the Arizona Desert Aire Waves - the Arizona Mesh Organization (AMO). This group is based in Mesa and was formed to promote mesh radio and support users throughout the state. Look for more information on the club on page 6. Welcome AMO. We look forward to reading all about mesh radio in the month's to come.

A lot has changed in just the short time between this month and last. Stay at home orders have expired in Arizona, so people are out and about once again, but "normal" will be a little different now. Social distancing is still the order of the day and mask wearing is strongly advised though not mandatory. Handshaking may very well be a thing of the past and, at least for the time being, hugging is discouraged. Restaurants will have fewer tables available due to social distancing requirements and staff will be wearing masks. Stores may limit the number of people entering and some might require mask wearing by their customers.

Even with the end of the restrictions and the lower percentage of total infections, we still need to be vigilant. This virus is not gone. We have not vanquished it. New cases are appearing daily. More people are dying. There are nearly 5 million people world wide infected with the virus and of those, 324,000 have died. Three hundred twenty four thousand! That's an astonishing number of human lives lost to this killer. On a positive note - 1.71 million people have recovered. But that leaves a very disturbing question. What about the other 2.97 million?

With the country opening up, Amateur Radio activities will begin to resume. At present, most of the clubs are planning to hold their June meeting on-line while a few are looking at holding theirs on-the-air. Three of the clubs have suspended meetings for the time being and one club plans to meet in person. A few clubs are in a wait and see posture so checking their website might be the best option there. No matter how your club plans to meet, be sure to support them and check-in (or show up) and enjoy the comradery that's been missing during this long stretch.

The annual ARRL Field Day event is scheduled for June 27 - 28 this year. Slightly modified versions of the event are being planned by several of the Arizona clubs. Be sure to check into your club net or visit your club's website to get all the information. It's a great way to get in some air time and to catch up with your fellow hams.

We unfortunately missed the prime Hamfest season due to the COVID "lock-down," but if restrictions regarding large gatherings are relaxed, we're looking forward to an active fall hamfest season!

First up - the Radio Society of Tucson will hold their Fall

Hamfest on Saturday, September 26th, in the East Old Spanish Trail Target Store parking lot in Tucson. Their hours will be 6:00 AM until 11:00 AM so the temperatures should be nice. This is a growing hamfest and should provide some much needed shopping for all. Check the Hamfest Calendar on page 11 and the flyer in the flyer file for all the details.

October will give us two great events. The first one up is the brand new ATN Surprise Hamfest in . . . you guessed it . . . Surprise, Arizona. The Arizona branch of the Amateur Television Network will hold their very first hamfest in the lot next to the Desertaire Adult RV Park. Come on out and support this club in their endeavor. You can find more information in the Hamfest Calendar (page 11) and more details and a map to the location on their flyer in the flyer file.

The second spendiferous event is the annual Copafest. This must-attend event is held at the UltraStar Multi-Tainment Center at Ak-Chin Circle in Maricopa. There will be prizes, seminars, testing, and a whole lot more. The Multi-Tainment Center offers movies, bowling, and food for you to enjoy - and yeah, the casino is right next door with a beautiful, affordable hotel. You can make it a weekend get away! Don't miss it.

November has . . . count them . . . three wonderful hamfests for you to choose from. There's the Cochise Hamfest in Sierra Vista on November 7th, HARKfest in Congress also on November 7th (you'll have to choose one of these), and the Oro Valley Hamfest in Marana on November 14th. Details on each of these are available in the Hamfest Calendar - page 11.

Have a great June. Stay Cool - Stay Safe - Stay Healthy - You're important to us!

73 til next month,
Chris, N7PVL



Continued Next Column

ADAW



AMATEUR RADIO SERVICE DEMONSTRATION STATION

I have actually been working from home for the past year, so I had a head start with this when COVID-19 began, but the pandemic has both shifted and intensified my efforts. When I first became unable to take shifts at Harkins Ham Shack, I considered what I could do for our mission from home. As I had recently created a Twitter account to promote the themes in my generational memoir, I considered doing the same for W7ASC ARC and Harkins Ham Shack at Arizona Science Center.

The first order of business was to consider what tweeting could do to promote our mission: what would be of interest to other hams and non-hams, while truly informing and educating followers. I have spent the following year crafting trial tweets and monitoring their performance to gauge their effectiveness. Amateur radio is neither controversial nor trending in the eyes of Twitter fans, so developing a following and garnering coveted likes and retweets has been slow. Other radio clubs were, as expected, some of the first followers, but a number of unexpected, and sometimes unlikely, followers have been attracted by tweets that are of a human interest nature, while still on target for amateur radio. Directing our tweets with hashtags for STEM, home schooling, and special events has been effective as well.

Only time will tell if Twitter becomes one of the many arrows in our quiver for promoting amateur radio in general, and Harkins Ham Shack specifically. The pandemic has changed the way we operate for now and will produce new norms for amateur radio as well as the general population. It will be interesting to see what that might be.

Hope all in your household and family are well and surviving life in the parentheses of the pandemic.

AMO *Arizona Mesh Organization*

The Arizona Mesh Organization (AMO) is a newly formed 501(C)(3) amateur radio club whose goal it is to support ARDEN MESH networks throughout our state. Our 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. Our goals are to explore new technologies, to support emergency and public service communications, and (of course) to have fun along the way.

Are you interested to find out more?

The Arizona Mesh Organization meets on the SECOND THURSDAY of each month. The location is the Charles K. Luster building located at 640 N. Mesa Drive, AZ 85201. Weekly AMO radio nets are held 7:00 p.m. – 9:00 p.m. 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 web site <https://arizonamesh.org> for more information on the AMO Club and up to date news.

AMO- Officers:

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

AMO- Board:

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

Full Membership: \$25.00 per year – Please visit the AMO website for more information on membership. Arizona Mesh Organization Inc, 7939 E Golf Avenue, Mesa, Arizona 85209

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*





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

HELLO ALL,

With all the Pandemic issues, this continues to be a confusing and crazy month. All the clubs that I am aware of have cancelled their personal 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 HAMS on the air activities, especially on the high frequencies. I am still looking for other external activities for the clubs, maybe some on the air design projects combined with the internet. I still would appreciate any suggestions forwarded to w7efq@arrl.net.

SARC meetings are being held on the internet with some GREAT programs presented. Our net on the club repeaters is remaining active every Tuesday at 7:00 PM. Planning for Field Day is on hold with most parks/camping areas currently closed.

I am still fighting allergies, weeds, and now the heat. If it were not for the medical problems, I would move to Chino Valley.

I obtained a BUDDYPOLE portable antenna with the 80M coils. With a NANOVNA, it is easy and simple to set on frequency and works well for a small antenna.

73's,
Paul W7EFQ

ADAW

SARC CONSTANTS:

SARC is a 501 (c)(3) club. That means all donations are fully tax deductible. Contact Paul Finell W7EFQ at 602.741.6563 for information on estate donations and equipment pick-up.

For membership information, call Ed Nickerson, WU7S at 480.949.5162. Please send address change requests to Judy no later than the 7th of the month in which you would like the change to occur.



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.

ADAW



For Sale / Wanted



**LOOK!
Great Deals!**

For Sale

The May 14 meeting of the Arizona Amateur Radio Club was a net session using the W7UXZ repeater with W7IO-R Echolink connection. One of the topics that was discussed was the AARC's participation in the June 27 Field Day. Steve Tolnai, W7WSV, has been actively researching the possible field day locations. Although no definite decision was made, the thinking was that we would have our field day on the rim in the vicinity of Forest Lakes Estates. It will probably be a fairly small group that will participate, so maybe we can use "disbursed" camping in the forest. A final decision on our field day location will probably be made at the June 11 meeting of the AARC at the American Red Cross Building.

By the time you are reading this the AARC will have had its May 31 VE test session. Several candidates have planned to become amateur radio operators or to upgrade their status. Results will be available for the next ADAW. We had 20 new hams or upgrades at our April 26 session.

The weekly AARC net meets each Thursday evening at 7:00 PM except on the second Thursday of the month when we have our monthly club meeting, also at 7:00 PM, at the American Red Cross Building. Our thanks to Lee Walters, W7UXZ, for allowing us to use his repeater for our weekly club net on 147.060 MHz. No PL tone is required. We also have an Echolink connection for the net using W7IO-R. Feel free to join us on the net.

73,
Lori, WA7EDI

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

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

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

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.

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

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 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.

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 or visit the website at 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.



Hug Your Cat Day
June 4th

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) Overnight Camping (Full Hook-Up or Dry) is Available (Pre-Registration is required for camping northranch@escapees.com) Tailgating permitted at campsite. Free VE Testing via LARC VE testing - Must Pre-register via email to 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 for up-to-date information. Questions? Email Duane Grooms, KD0KYK at 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). Interesting Seminars - ARRL Card Checking and LOTW Assistance at ARRL Booth - Food Truck for Breakfast and Lunch. Contact hamfest@tucsonhamradio.org for more information. Visit the website at www.tucsonhamradio.org.

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





We've all been stuck inside longer than we want to be. But at TBARC, the goings-on have been ongoing!

April General Meeting

Our April general meeting was over the air on the club repeaters, and a limited success. There was a brief presentation about how hams participate in emergency activations in Maricopa County.

VE Session for May Cancelled

One unfortunate casualty of the virus has been our VE sessions. So far it hasn't been possible to maintain social distancing and keep them going. The Laurel VEC manual says, "The Laurel VEC does not permit remote monitoring of an exam session. Therefore, the administering VEs must be present in the room where and while applicants are taking exams and they must observe them at all times while they are taking exams." A number of our VEs are also ARRL VEs - We know the ARRL VEC is working on remote sessions, but right now they're exploring the options, and haven't released any official procedures for fully remote testing.

May General Meeting

As I write this, we still haven't seen what the May general meeting will be like. It's going to be held over Zoom. The board has purchased a plan that allows us to have more than 40 minutes in a meeting. We're all looking forward to seeing how this will work out - by the time you read this, you'll know!

What's Happening with Field Day?

The ARRL seems to be of two minds when it comes to Field Day. They want it to go on but they're also aware of the challenges this year. It looks as if there won't be significant rule changes, and the decision about what to do on June 27-28 has been left to TBARC. "Local club officials are the most appropriate people to be making decisions about their specific Field Day programs. We are all concerned about protecting the health and safety of those participating in or attending Field Day activities, and so we trust local club officials to take the appropriate steps to monitor local conditions and make decisions in the best interest of their communities." We should know more after the board meeting, but you'll be seeing

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

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



ADAW

TBARC Continued from Previous Column

something from TBARC soon.

Right now things continue to be unusual, and we're adapting to the situation as it evolves. Keep your eye on the website w7tbc.org for more details!

Andrew Cornwall, KF7CCC
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.

June Test Sessions

Jun 6th - Oro Valley ARC -- 10:30 AM

Ascension Luthern Church, 1220 Magee Rd, Tucson
Contact - Quinton Gleason licensing@tucsonhamradio.org

Jun 8th - East Valley VE Team -- 6:00 PM

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

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

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

Jun 9th - WARC -- 7:30 PM

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

Jun 13th - CHRC Laurel VE Team -- 10:30 AM

Tri-Dity Baptist Church, 2211 W Germann Rd,
Bldg D, Rm 170, Chandler
Contact - 602.319.4834

Jun 13th - 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

Jun 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 for Test and Location Info

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

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

Jun 20th - Hualapai ARC -- 10:00 AM

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

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





Superstition Continued from Previous Column

cool the equipment inside. The site manager, Doug Pelley - WB7TUI, called us and congratulated us on the installation. He thought that this was one of the best he has seen at any of the sites he manages. It was great to hear that from Doug. It makes us proud of our work.”

June Club Meeting Tuesday, June 16 at 7 PM

Club meetings are held on Zoom, an online videoconferencing site and on the 147.120/449.600 MHz repeater system and EchoLink. Zoom audio will be carried over the repeater.

Members of the club will receive emailed instructions for joining the video conference on Zoom. If you are not a member of the club and would like to visit the video conference, please email President@superstitionarc.org with a request to attend the online meeting. Andy, KD4ABB will add you to the member emails with instructions when they go out. Visitors are welcome to attend as always.

April Meeting Program

Bob Heil was our guest speaker in April from 7:00 to 8:00 PM, over Zoom videoconferencing, simulcast on the club repeaters. The business portion was held over the air only, with club reports posted on HamClubsOnline where members can log in and read them. Doggone it. I fell asleep waiting for 7:00 PM and only caught the tail end of Bob’s presentation.

Broadcast FM Audio Gone from Our Repeater System

Dennis, KA0OBC and many others put in a weekend up at Utery Pass to shield our controller and audio cables, placing it all into a grounded, shielded cabinet. He’s got the audio from 2 meters perfectly matched going out on both repeaters, 449.60 and 147.12. Work will be done at the 449.60 Stone Castle site in a coming weekend as this is being written at the end of April. Some shielding and grounding are to be done there, but I can tell you the Castle is pretty well grounded from about five years ago. It is always a good idea to do some housecleaning and checking things out.

I can now expand on the repeater story, borrowing information published in the club newsletter, starting with the full crew involved: They are Brent Johnson, Andy, KD4ABB, Dennis, KA0OBC, Brian, W7JET, Brian, KF7DPC, Ed, K7EDT, and Bob, N8ANV. Brent Johnson is a non-Ham, but he is a club member, and he donated the cabinet to the club. We would also like to thank the entire club for putting up with the interference until this crew could complete the work.

Here is another cut from the article by Steve, KB7KWK, now in the May issue of the Communicator:

“The new cabinet is taller and narrower than the old cabinet which made for some very interesting design challenges to get everything to fit and still manage heat dissipation.

“All the equipment is nicely installed in the cabinet and the duplexer is now off the floor and on its own stand. The cabinet is completely enclosed and the doors are grounded to the rest of the cabinet. There is also a large fan at the top to pull air and

Remember to use [Smile.amazon.com](https://smile.amazon.com)

I placed one order and forgot to replace the www in the address bar with smile beforehand. Shame on me. It costs no differently to buy from smile.amazon.com than from www.amazon.com, and the Superstition ARC benefits. With Smile, our club annually receives a few hundred bucks at the minimum, enough to cover some of our operating expenses, thanks to our members’ collective use of Smile. On your first-time log-in, please select Superstition ARC as your beneficiary.

WB7C Spoke with Club’s Surviving Co-Founder

Jerry Navarre, WA7RDC, now of Kanab, Utah, co-founded the Superstition ARC in 1973 with the late Floyd Zeka, K2RUW. He was active with our club as Vice President when I joined in 1976. He was involved with the club’s entry into repeater ownership, about 1977, when the club applied for its station license, WB7TJD. It was in 1978 when we built the Stone Castle repeater site that housed the club’s repeater on 147.12. It still houses our 449.600.

Jerry was happy to hear the club he started ‘way back then has grown to have more than 200 members. He helped build a club in Kanab. He can be heard on 7272 kHz about noon in Utah time. That would be 11:00 AM Phoenix time this summer and noon wintertime.

Club Gatherings and In-Person Meetings Canceled

If and when it is safe to gather in groups without fear of COVID-19, we will be resuming normal activities, our spring picnic being one of the casualties of social distancing. Of what I am hearing on the news, we may have a second round come fall and winter, so we will just have to wait for better news from scientific sources before we can make sound decisions. Our President, Andy, KD4ABB, is paying close attention to the Governor’s briefings.

Please do take this matter seriously. COVID-19 is deadly serious. We must maintain separation!

2020 Superstition SuperFest Still Scheduled

The SuperFest is still on for December 5. Please see the Superstition SuperFest.org web site for further updates.

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.

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Due to the current situation with COVID-19, the June 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 next meeting will be Thursday night, June 4th, starting at 7:00 p.m. You can begin checking in at 6:45 p.m. The program will be "Roving and Surviving in Nevada" by Petr SuchomeI, AG6EE. Tune in and find out how rare grid squares are activated field day style and the risks of doing so. Please turn off your computer camera and microphone when the meeting starts.

Petr, AG6EE, was born in Prague, Czech Republic. He got introduced to ham radio by his buddy at school and later joined the radio club OK1KZD. While now defunct, the club was an excellent school for many youngsters. Petr got first youth license at age 16 – OL1VGJ, and then OL1BMC after upgrading. Later, as an adult, he obtained the callsign OK1VVK, which he continues to hold today. After moving to the United States in 2010, Petr passed the FCC exams and got his U.S. callsign, AG6EE. Originally, he had his license and radio mostly as an emergency backup for his endless Nevada explorations. The radio stayed in the car trunk for years, but then one unforgettable day changed everything.

At the May meeting, Lee, KY7M, presented "Viva Bijagua – The ARRL DX CW Contest at TI7W." Lee had some wonderful pictures of the lush scenery in the forest surrounding this world class contest station in northern Costa Rica. He showed us a sloth in action and played the sounds of a howler monkey as well as describing how he and his British teammates prepared for and operated in the contest. You can see the video of Lee's program on YouTube at <https://youtu.be/Sf67ueA0R0g>. For those of you who missed Ned's April program on "DX Seasons," it is also available on YouTube at <https://youtu.be/bLE2bCjdBvQ>.

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

See you again on ZOOM for the June meeting.

73, Larry Loen, WO7R
CADXA President

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
- 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.



June 14th
244th Birthday of the U.S. Army
1775 - 2020

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

During May, we continued our preparations for a national American Red Cross Communications Exercise to be held on May 30th. As part of our local planning, we simulated a sheltering scenario during a power outage across a wide swath of the state and recruited the services of local amateur radio operators to assist with communications. As this exercise takes place during a pandemic, the original plan was modified to allow all hams to be able to participate from their home or vehicle, respecting the need for social distancing precautions. We designed a series of nine exercises to test the ability of amateur operators to communicate with the Red Cross using various modes including simplex FM, local repeaters, and HF. In addition to the voice modes, we wanted to test our ability to pass traffic via Winlink using local VHF gateways as well as peer-to-peer and remote gateways using HF.

We would like to thank all the hams that participated in this countywide effort and express our gratitude to Michael Drapkin, WB2SEF, ARES Assistant Section Emergency Coordinator for Arizona and District Emergency Coordinator for Maricopa County, as well as Andrew Cornwall, KF7CCC, Emergency Coordinator with Arizona ARES. Look for a summary to be posted to the K7ARC website as soon as we have analyzed the data.

In mid-May, Microsoft Hams (MICROHams) live-streamed their annual Digital Conference on YouTube. Airing from 9:00 a.m. to 5:00 p.m. with new presentations every hour and presenters from around the world using different platforms and technologies, there were a few glitches as they sorted out audio and/or video streaming gremlins. On the whole, it was an excellent opportunity to learn about emerging digital trends in ham radio.

I was able to view two of the streams in real time and I found them to be very informative. One was all about VARA and VARA-FM, transmission protocols used with Winlink. The second, which followed immediately after VARA was on Winlink with Phil Sherrod, Winlink's primary developer, with a breakout session immediately following on Zoom with Phil and a couple other members of the Winlink Development Team.

During the Winlink session, Phil presented a wealth of good information on the history, features and future of Winlink. In

ARCCC Continued from Previous Column

discussing Winlink's Radio-Only (Hybrid) mode, he described how traffic is passed using pure RF links. He did say that VARA for HF is increasingly popular. A couple of the RMS sites have already transitioned to VARA from Pactor with more planning to do so. Some of the gateways, HF and VHF/UHF are also beginning to offer VARA and VARA-FM as an option. I would think this is a good indication that VARA will soon be a key player in passing digital EmComm traffic. This is good news as VARA offers increased performance and is significantly less expensive than Pactor for those desiring more speed and efficiency.

The presentation on VARA gave a great overview of what it can do for digital messaging and how to get up and running on VARA using VHF/UHF or HF. The presenter is a member of the Highline Amateur Radio Club in King County, WA. They have made the transition to VARA-FM on their local Winlink gateways. He did a good job of breaking it down and illustrating the performance gains one can expect using VARA.

If digital communications is your thing, you are in luck. The MICROHams Digital Conference was recorded and is available for viewing on YouTube at <https://www.youtube.com/watch?v=SoXfugJ8-A0>. To watch the VARA and Winlink sessions, here are the time codes you will need to fast forward through the stream: 05:43:00 - VARA - Randy Neals and 06:33:00 - Winlink - Phil Sherrod. The entire slate of presentations can be found at <https://www.microhams.com/mhdc/mhdc2020/> to see what other topics are included on the recorded stream.

As we move into summer, the Arizona Red Cross Communications Club will continue our online sessions using MS Teams with programs on various topics like using linked repeaters, DMR radio, and more. If you have an interest in Emergency Communications and would like to know more, we invite you to visit our website at www.k7arc.org and check us out.

ADAW

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Continued Next Column



KARC Continued from Previous Column

the top mount failed and the WIND twisted the bottom mount. Jim Mortensen W7AZY and Randy Beecroft W7RJB went up and removed the Antenna and brought it down off the mountain for repairs. They said it went pretty good getting it down with just them two taking it down, but many hands will be needed to get it put back up, and many have already stepped up to help with the Antenna raising.

The work on it took place in May, it should be back up and working well before the time of this June Newsletter, and be back on the air on the W7EH Repeater 145.310, resuming our Nightly Net of 18:30 hrs. on there. Check out our website at www.kachinaarc.org for a photo that Jim took of Randy up on the Tower, about 35' in the air! Thankful for people that scale the Metal Mountains for the sake of Communication for all! Green's Peak on the E.A.A.R.S. System as well had been down for about the same length of time, and that is now up and running for us too. Seems like everyone was waiting for the Springtime snow melt! Thanks everyone for your work!

Due to the Covid 19 restrictions for group gatherings, on March 19th we had our monthly Club Meeting On-the-Air, an historic first for the Kachina Club. It went very well. We had a discussion on Baofeng hand-held radios, with information on how to program your UV-5R radios. Downloads with step by step instructions simplifying that process was sent through email to all who wanted it, and it is posted on our website as well.

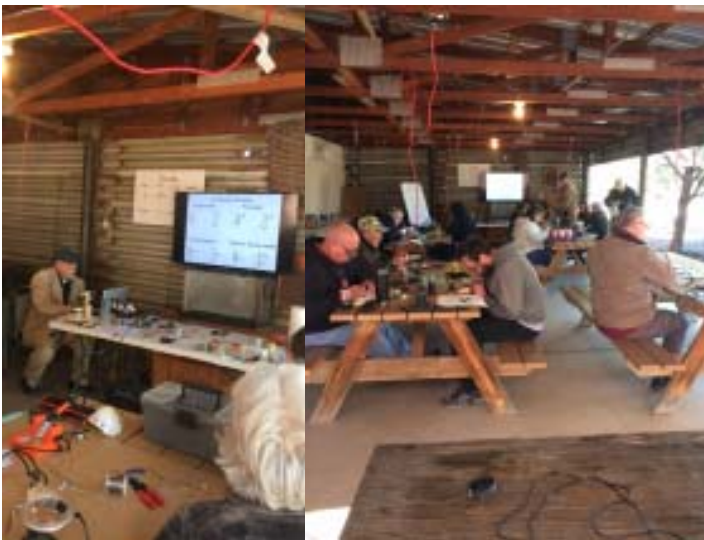
Our monthly meetings have been held on the air since we couldn't meet together in person at the time. Even as restrictions are eased, we are in the process of finding a new place to meet and may have to hold another On-the-Air meeting for June. We had been having our regular monthly Meetings and our Testing Sessions in a Senior Retirement building, Solterra. To keep their residents protected from outside germs/Covid 19 infection, all outside group meetings were discontinued. As far as Testing goes, like everyone else, we look forward for that to resume soon! Everyone keep up on your studying! Please go to our website for updated Testing information. www.kachinaarc.org

In the meantime, the Kachina Club was having our nightly Net at 18:30 hrs. on the N7QVU Repeater. We were hopeful to move back to the W7EH Repeater sooner rather than later. We've been using the N7QVU Repeater on 146.620 MHz. A big SHOUT OUT and THANKS to Jerry N7QVU for the use of his Repeater, helping the Kachina A.R.C. and the Green's Peak Repeater Net stay On the Air during this down time.

We were planning on having a Club Picnic on May 9th, but it had to be moved to Saturday, May 23rd, 12 noon. It was held at W7RJB Randy Beecroft's "Hangout." A brief Club Meeting was held at this time, too. The Kachina Club supplied Pulled Pork and the Members supplied Pot Luck, smiles, laughter, and their latest radio/antenna fails and successes and

HAPPY ANNIVERSARY to the Kachina Amateur Radio Club, back on April 16th, celebrating our 53rd Year!

A Beginner Soldering Clinic was held on March 14th in Linden, hosted by W7RJB Andy Beecroft. Dennis Wilkes W7DRW, gave a great Presentation on Soldering. A small digital clock kit that can run on 2 AA battery or USB cable with supplied hookups for those was used for the project. The kit used gave everyone a lot of basic, useful, hands-on experience about components used in electronics. The cost was kept at a minimum and very affordable. Dennis and others put in a lot of time making and assembling some other supplies that were used and also a video and power supplies etc. were set up. Always thankful for those who do the SET UP and TAKE DOWN!! Everyone received coaching as needed. It was a great time for learning the basics of how and why, and there were plenty of others who already knew how to solder, on hand to help guide and encourage. It was a cold day, but that's what we get up here at that time of year, but Randy had a good windbreak to help shelter everyone! Thanks again to all who made it possible! Definitely would recommend this type of Soldering Clinic to enhance any Club Membership and their friends!



Photos by Marie N7SKS

Winter time can be harsh on antennas up on the WINDY peaks in the Mountains of Northeastern Arizona! Our W7EH machine has been down all winter. We lost our Antenna when

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family news! Long time No-See! Good food, good friends!

The Annual June Field Day is this month. It will be held at W7RJB Randy's "Hangout" and the club will be providing Dinner on Saturday evening. Thanks again to the Beecroft Family for hosting and welcoming everyone to a great gathering spot! Potluck with hamburgers and hotdogs. We hope to see many there, testing their ability for Communication by whatever mode they choose. It's always a GREAT TIME for all who attend! See you there! More information for this will be on our website: www.kachinaarc.org

The Kachina A.R.C. is hopeful that all are well and the emergency will be behind us soon. Continue on in being kind and looking out for one another.

Website:

www.kachinaarc.org

Mailing Address:

Kachina Amateur Radio Club

P. O. Box 2996

Show Low, AZ 85902

Dues are \$15/yr. for individual; \$25/yr. for family.

Membership is January 1 - December 31.

Happy June to All,

Tara KI7KLJ

Our club remains active despite the pandemic!! As of the beginning of May, Sunlife ARC has entered its 40th Summer schedule. When COVID restrictions are lifted, we combine our weekly meetings with the meetings of Venture Out ARC and will meet every Saturday morning at 10:00am. To attend a meeting, simply go to Venture Out RV Resort located at 5001 E Main St, Mesa, AZ 85205 and tell the guard that you are going to the ham radio meeting and you will be given directions.

We are still hosting Amateur Radio in the Park every Thursday morning (6' apart eyeball only during COVID) in East Mesa, off Power and Brown at Red Mountain Park. This occurs ALL YEAR round. The time varies, but people generally show up by 7:00 a.m.

AFTER COVID RESTRICTIONS LIFTED: We also have members that meet on Thursday afternoons throughout the year at the Red Mountain Library in the Roadrunner room. It is for those interested in all things ancillary to amateur radio like Raspberry Pi, Arduino, 3D Printing, among other things. Join us at 1:00 p.m. in the library.

During the winter season, the Sunlife ARC meets every Monday morning at Greenfield Village RV Park in East Mesa from the first Monday in October until the last Monday in April.

SINCE THE COVID RESTRICTIONS we meet on ZOOM every Monday at 10 am. Please email Sue at Happyham7777@gmail.com if you would like to attend. We keep our Zoom meetings safe and only approve those that are on our list, to prevent hacking. Our meetings feature presentations on various amateur radio activities (even on Zoom) including Quartzfest, Dayton Hamvention, Gordon West came in and made a presentation, AMSAT, operating 60m tri-band, Collins Radio during WWII, digital modes, radio homebrews and loads of other exciting topics.

A number of our members participate in a road trip every year to the Titan Missile Museum in Sahuarita where they hooked up to the museum & Discone antenna for some great QSOs.

We partner with Venture Out Amateur Radio Club for many of our activities and have a combined Christmas party, a snowbird field day, fox hunts, amateur radio examination training and during the summer months we stay active by sharing their Saturday morning meetings. We work well together and are grateful that the Venture Out ARC makes up for our summer snowbird months.

ADAW





In these confusing and cautious days, the Yavapai Amateur Radio Club has taken the recommendations of the Federal and local governments to heart. We have, therefore, respectfully cancelled all club functions for the short term future. It is our sincere hope that this situation will end soon, and that we can get back to life as usual.

However, here are our plans and hopes, with fingers crossed.

There will be no June meeting. We are planning on a July meeting, one week late. This is because we meet on the Prescott Rodeo grounds and Prescott is planning to have the “World’s Oldest Rodeo” in July. So, our July meeting will be on July 9, 2020 (hopefully).

We are looking at Field Day in a coordinated individual or small group format. Check our website www.w7yrc.org for details as they come available, and listen for CQ, CQ, CQ W7YRC on June 27-28.

We had cancelled license testing in May, but had so many requests for testing that we managed to pull off a live test session on May 9 and tested eight people. We have seven more waiting for the next test. License testing is planned for July 11, 2020. Again check our website, and pre-register. Testing under social distancing conditions is difficult, but doable.

Also coming on June 30 is the annual “Granite Mountain Hotshots Memorial Special Event” on our N7GMH station. Once again, check the website for details and updates later in June.

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 active public and community service efforts. When things return to normal, why not join us for one of our regular club meetings. All the information will be on our website, www.w7yrc.org.

Don’t forget to BE RADIO ACTIVE!

ADAW

With in-person club meetings put on hold, hamfests postponed, and with 6 feet of Dxstancing the new norm, the world is turning to ATV without even knowing it. Facetime, Zoom, Webex, Skype, and Whereby meetings have become more popular than ever. Even news anchors are getting into the picture with home studios, the use of green screens and video overlays. It’s just like being on ATV.

So, if you’re already using one of these formats to join up virtually with other club members, family or friends, you’re just a baby step away from becoming an ATVer. Amateur Television in the 21st Century will be very familiar to you.

You don’t really have to buy a bunch of expensive ATV gear, though that’s still the best way. Many ATVers now let their computers do most of the work and we all easily and inexpensively have a lot of fun together.

If you have interesting videos, bring them along. We love videos and welcome you to show us what you’ve got. We have theme nights where we share our pets, crazy hats, costumes, projects, ham shacks and family members. Add in mesh video, drones, high altitude balloons and space station video. The sky is not even the limit.

Join us Sunday and Wednesday night at 7:00 PM MST on www.whereby.com/amateurtvnetwork to interact with us on ATV. It’s easy peasy!

We’re also on for the “really big show” Tuesday night at 7:30 PM PST. There are often as many as 50 check-ins from all over the world. It’s like having 50 hams right in your living room (that’s a good thing).

We’ll transmit for you, into our vast network of linked ATV repeaters, and we’ll even stream around the world. Your ham buddies, relatives and friends can watch you live on www.youtube.com/amateurtelevisionnetwork or one of our alternate live YouTube streams: W7ATN-Arizona and W7ATN-Mesa.

Of course, if you don’t want to be seen, you can cover your camera or just talk with us on our good old White Tank voice repeater at 448.400 MHz, 100.0 Hz PL. You can still watch everything that’s going on.

ATN is the world’s largest Amateur Radio television network and we’re very proud of that.

We look forward to seeing you on ham radio!

Ed Ologue K5OLA, ATN-AZ President k5ola@usa.com

Rod Fritz WB9KMO, ATN-AZ Vice President wb9kmo@gmail.com



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SHORT SKIP

President's State of the West Valley Amateur Radio Club Address

I wanted to take this opportunity to reach out to our WVARC members to find out how they're doing and what they've been doing after receiving the COVID 19 stay at home orders. I've also asked our friends what are the first things they're looking forward to doing once this quarantine is over. I hope you enjoy reading what some of our Club members have shared with me.

Bella N4ILQ: Bella is wishing everyone the strength to hang in there until this is all over. She's looking forward to line dancing at Sun Dial Recreation Center.

Paul KF5EU: Paul continues to encourage his family members to maintain their interest in amateur radio. He is looking forward to having his entire family (children, grandchildren and others) over for a barbecue celebration and a pool party.

Mike N7XLF: Mike's looking forward to taking his wife out to a nice restaurant and making arrangements to head to the other QTH.

Fred K7WFP: Fred has been spending his time at home gardening and enjoying his ham radios. He's looking forward to a new normal where people are kinder to each other.

Fran NF7MG: Fran says he intends to visit Village Inn with friends for their turkey dinner followed by triple berry pie.

Ray W0IVB: Ray says he's not doing anything different staying home. He thinks it's amazing that in just three short months, with the Club's support, we've been able to convert the rarely used Boswell repeater into 80 plus users as a digital machine. Ray has been enjoying Caribbean beans and smoked meat with his son Jimmy. After the quarantine, Ray's looking forward to going to the Angry Crab Shack, going with Danny for crab legs at the Indian Casino, and he's really looking forward to a haircut.

Mark NH7MV: Mark plans to take his lovely bride to a delayed date night. And he wants to test for the Extra class before the question pool changes.

Roger AB7WP: Roger wants to drive to Denver to see his kids and grandkids.

Karen K7UGS: Karen says she's going to hug her children, grandchildren and great-grandchildren, one for the very first time.

Pat KD7TFD: Pat says he's been working on programming frequencies into his radio, and seeing how fusion works. After the quarantine, Pat wants to go to Brendan's Cafe and enjoy their biscuits and gravy.

Lee Ann KI7AZR: Lee Ann has been enjoying staying home and playing with Snickers, her 9-month-old Lab. She enjoys spending time in her pool and hot tub. She also loves cooking. She recently enjoyed a concert her husband Bill gave for the neighbors from their

WVARC Continued from Previous Column

front porch. Lee Ann's neighbors set up folding chairs on the side walks, driveways and on the street to enjoy her husband's concert. While at home, Lee Ann enjoys being net control on Fridays and enjoys visiting with her other friends on the other nets and on Danny's Diner. She can't wait for the closures to be over so she can shop at the Mall again, and get back to her sewing clubs.

Bill KA2KHV: Bill says it's sad going to Costco with waiting in lines to get in, shortage of food, and food rationing. Seems more like Russia than the US. Bill can't wait to get into HRO when it opens, and going to restaurants again. He's looking forward to starting some jam sessions with Club members.

Gary K8BKB: Gary says he's been working on home projects and remodeling storage spaces in his garage. His intentions are to continue staying home a little longer after the quarantine is lifted just to be safe. He's looking forward to taking a vacation to San Diego and then visiting family in Michigan.

David N7TWT: David has had no problem staying home and staying safe. He's looking forward to starting his VE testing again.

April KI7GFJ: April has been staying home and harvesting her citrus trees and making juice. She's been doing a lot of spring cleaning and has been sewing face masks for family and friends. She's looking forward to going back to the movies and having dinner dates with her husband.

Dave KG7EZF: Dave has been working on his antennas and remodeling his ham shack. And of course, Dave enjoys playing with his pet chickens. He's looking forward to resuming his doctor appointments, taking a trip to Phoenix, and eating out again.

Grant K7GTY: Grant has been spending time researching and studying for his Out of the Box net. He enjoys reading and has recently been reviewing Scripture passages. After the sequester is over, Grant and his wife are looking forward to going to Cristos and Capital Grill for lunch and martinis. He quotes one of our Club's philosophers, John, "It's all good."

Vern KG6UGS: Unable to travel, Vern has been doing a lot of work on his property. When all of this is over, Vern and Karen want to visit their kids, grandkids and great-grandchildren. Vern says, "Family is more important than anything else."

Lee (Tiger) Smith K7IAB: Lee plans to reschedule his doctor's appointments and then go to a local canal and practice the art of fresh water bone fishing on a fly rod. He is presently having a heart to heart with his conscience as to where we'll be 10 years from now after this experience, and what changes will have taken place in our society. Lee is hoping that after the 2020 survival, we have more than just the symbolism of a roll of toilet paper.

Dick K9IVB: Dick has been staying at home and he's currently working some boards for Hermes-Lite2, and on a PIHPSDR controller for SDR. He's wondering if anyone can help him with a 3-D printer and invites people to visit his website, k9ivb.net, to see what he's been working on. When all of this is over, he's looking forward to going to the Bell lap pool. Dick says it's just getting too hot to walk.

Krissy KI7GJJ: Krissy says she's trying to stay home as much as possible and stay safe, but she can't wait to start traveling again.

Joe KG7IY: Joe says his routine has stayed pretty much the same. He's been binge watching Netflix, especially all the fishing shows. Joe says he notices that when he walks around his neighborhood,

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other people seem scared. He is looking forward to going to Horseshoe Reservoir and fishing for large flathead catfish. He also wants to eat at Italian restaurants again.

Lee K7ZHZ: Lee says life hasn't changed much for him. He enjoys learning new things, reading, and watching the old classic movies. He said it will be good when we're able to get back to normal routines again.

Gary K9HDU: Gary's been restoring antique radios. He says his wife Carol is out of work because of the virus. He's also enjoying swimming in his backyard pool. He's looking forward to going to the Irish Wolfhound with friends to enjoy Irish music, fish and chips, and a dark Guinness beer. He's also looking forward to teaching and socializing with his friends at the Shack.

David W7DCP: David's looking forward to completing his treatments and not having to go anymore. He wants to go to the bakery at the Mall and shop for his favorite bread.

Ryan K1WAZ: Ryan has been working on and finishing many home projects. Some of these are putting up a new Diamond antenna, working on Raspberry Pie, and working on his QRZ page. He enjoys being a new Net control operator and visiting with his friends on ham radio. He also likes to monitor air traffic control towers. Ryan is another person who wants to wait an additional two weeks before going out, just to be safe. Then he wants to go camping, fishing, drone flying and out to dinner with his girl.

John K7LRW: John has been staying home and safe. He enjoys cooking and baking. He especially likes baking chocolate chip cookies and chocolate cake. He enjoys playing with his cat, the nets, and talking to his friends on ham radio. He's looking forward to going out for biscuits and gravy at his favorite restaurant.

Jimmy K6RRS: Jimmy enjoys taking his dog for walks and rides. Basically doing the same things, but staying home. He likes to barbecue and use his smoker, and enjoys spending time with his father Ray. He's looking forward to going to the Angry Crab Shack and the Brazilian Steak House.

I would have to say, as president, that the state of our Club is positive, resilient and caring. Our Club has the most wonderful people I've ever had the opportunity to work with and serve. I want to thank all of you who have participated. Be sure to stay in touch with all of your friends on the net. We'll also continue with the Tuesday, Wednesday and Thursday Diner Lunch chats at noon until the restaurants are open again. I hope you've enjoyed hearing from your friends in this letter as much as I have! Stay healthy and stay safe.

Danny KM4HFT President of the WVARC

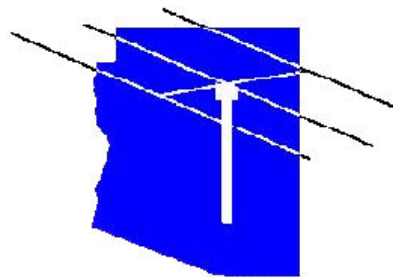
ADAW

No Reports Received

Old Pueblo Radio Club
INTERMOD

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146.880 - PL 110.9	wide coverage	N7OEM
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- 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



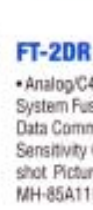
FT-991A | HF/VHF/UHF All Mode Transceiver

- 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

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