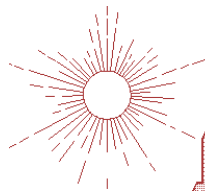


ADAW

10498 Monserrate St
Elk Grove, CA 95757-1765



September



ADAW

Arizona Desert Aire Waves

Vol 48 No 9 September 2023

CLUB MEETING SCHEDULE

SARC

Sep 6th - 7:00 PM
Scottsdale Senior Center

AARC

Sep 14th - 7:00 PM
American Red Cross/Echolink

YARC

Sep 14th - 7:00 PM
Prescott Rodeo Grounds

TBARC

Sep 21st - 7:00 PM
Arizona Christian University

CADXA

Sep 7th - 7:00 PM
Bethany Luthern Church

ARA

Sep 28th - 7:30 PM
Denny's - Tempe & Zoom

MARCA

Sep 19th - 6:30 PM
Denny's - Tempe & Zoom

MARA

Sep 2nd - 9:00 AM
Maricopa Public Library

AzRCCC

Sep 12th - 7:00 PM
American Red Cross/MS Teams

SuperstitionARC

Sep 19th - 7:00 PM
Charles K Luster Bldg

ANSR

Sep 21st - 7:30 PM
via GoToMeeting

OVARC

Sep 15th - 7:00 PM
Pima Comm. College, NW Campus

ATN (VOAR)

Postponed
www.whereby.com/atn1

CARL

TBD
Arizona Science Center

WVARC

Sep 4th - 7:00 PM
Shepherd of the Desert
Lutheran Church/Zoom

AMO

Sep 14th - 7:00 PM
Via Zoom

CHRC

Sep 9th - 9:00 AM
Tri-City Baptist Church

KARC

Sep 12th - 6:30 PM
New Hope Christian Fellowship

NADXA

Sep 5th - 6:00 PM
Via Zoom

QCWA-AZ Chapter

TBD
Various

SunLife ARC

Every Monday - 10:00 AM
Via Zoom

MMRG

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	480.216.2665
Vice President	Steve Tolnai	W7WSV	480.390.4446
Secretary	Randy Gault	KJ7RCN	480.329.1879
Treasurer	Dave DeBolske	WA7DGY	480.249.8286
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Dave DeBolske	WA7DGY	480.249.8286

AARC c/o Dave DeBolske, WA7DGY, 2223 W Belmont Ave, #101, Phoenix, AZ 85021. 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 6:00 p.m. in Room 8 at the Granite Reef 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	n7ell@scottsdalearc.org
Vice President	Rick Aldom	W7STS	natecf@gmail.com
Secretary	Bruce Harmsen	KA9EYX	ka9eyx@scottsdalearc.org
Treasurer	Douglas Mitchell	W7ADD	w7add@scottsdalearc.org
Past President	Paul Finell	W7EFQ	w7efq@scottsdalearc.org
Board Members	Jim Dye	AG7AU	
At-Large	Scott Gillins	W2KP	
	Bill Kouchis	N9EIV	
	Ed Nickerson	WU7S	
	Gene Geller	K0VN	

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

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



THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at Arizona Christian University, 59th Avenue and Greenway Road in Glendale. Meeting is in building 3600, Auditorium #1. See the website (<http://w7tbc.org>) for a map and more details.

President	Walter Reinert	NJ8G	president@w7tbc.org
Vice President	Warren Gaspar	KC0GU	vicepresident@w7tbc.org
Secretary	Gene Neigoff	N9ANI	secretary@w7tbc.org
Treasurer	Mike Willmoth	KJ7OPD	treasurer@w7tbc.org
Director 2023	Robert Lutes	N7NO	n7n0@w7tbc.org
Director 2023	Rick Tejera	K7TEJ	k7tej@w7tbc.org
Director 2023-24	Gary McGriff	KK7DCR	kk7dcre@w7tbc.org
Director 2023-24	Bruce Kabana	WB7SRC	wb7src@w7tbc.org
Past President	Charles Loftus	KG7KRN	kg7kmf@w7tbc.org
Station Trustee	Gary Duffield	WK7B	wk7b@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.

MARICOPA AMATEUR RADIO ASSOCIATION

The Maricopa Amateur Radio Association (MARA) meets the **FIRST SATURDAY** of each month at 9:00 a.m. at the Maricopa Public Library - Redwood Room, 18160 N Maya Angelou Drive in Maricopa.

President	Cary Gielniak	K7CFG	president@copahams.org
Vice President	Dave Hagan	KK7FWJ	vicepresident@copahams.org
Secretary	TBD		secretary@copahams.org
Treasurer	George Hogan	K7TGH	treasurer@copahams.org
PIO:	Steve Miller	W6SDM	pio@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

CHANDLER HAM RADIO CLUB

The Chandler HAM Radio Club (call sign N7CHN) meets the **SECOND SATURDAY** of each month at 9:00 AM at the Tri-City Baptist Church, Room 140, on the SW corner of Germann & Dobson Roads in Chandler. Our monthly club meetings are held in person. 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	Dave Hoffman	KJ4RS	pres@chandlerhams.org
Vice President	Debbi Smith	KJ7MIQ	vp@chandlerhams.org
Secretary	Cary Geilniak	K7CFG	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

BARRY M GOLDWATER, ARIZONA CHAPTER QUARTER CENTURY WIRELESS ASSOCIATION

The Barry M Goldwater Arizona Chapter of the QCWA includes amateurs from all over Arizona who have been licensed for 25 or more years. Meetings are currently held in Phoenix, Prescott, and Tucson. The Arizona Chapter meets on the air every Sunday morning. Please check the website <http://www.azqcwa.org/> for the time and frequency.

President	Tom Fagan	K7DF	president@azqcwa.org
Vice President	Open		
Secretary	Carl Foster	KB7AZ	secretary@azqcwa.org
Treasurer	Carl Foster	KB7AZ	treasurer@azqcwa.org

Web Site: <http://www.azqcwa.org> Email: info@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	
	Jerry Roberts	K7BUD	
	Ken Rasback	KK7KEN	
	Tom Raczynowski	N7MMC	
	Sonja Hazlett	WB7CWW	
	Larry Dorrell	KG7TTD	
	Ray Kolman	KI7COM	

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	Kevin Parmenter	KG5Q	480.748.8182
Vice President	Bill Turley	KJ7GYH	923.536.2293
Secretary	Marie Mortensen	N7SKS	928.358.8748
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, 1343 W Broadway in Tempe (Southeast corner of Priest Dr and Broadway Rd - <https://www.w7ara.org/mtg/Meetings.aspx>). 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	Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
Vice-President	Brian McCarthy, AK7F	ak7f@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
Lance Halle, KW7LH	kw7lh@w7ara.net
Joe Godfrey, AE7JG	ae7jg@w7ara.net
Joe Bakas, KE7WHE	ke7whe@w7ara.net
James Wasson, N7ELL	n7ell@w7ara.net
Bill Jackson, N9VJW	n9vjw@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: \$20.00/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** each month at 7:00 PM: January through November at the Charles K Luster Building, 640 N Mesa Drive, Mesa. VISITORS are Encouraged to attend. Zoom is no longer available.

President	Steve Estes	KB7KWK	kb7kwk@superstitionarc.org
Vice President	Matt Churchill	K7YEG	k7yegt@superstitionarc.org
Secretary	Scott Simeon	KI7KIM	ki7kim@superstitionarc.org
Treasurer	Bryan Hubbard	KF7DPC	kf7dpc@superstitionarc.org
Directors:	Brent Butler	W7FK	w7fk@superstitionarc.org
	Jeff Harris	K2DFE	k2dfe@superstitionarc.org
	Jeff Heinze	N7CCW	n7ccw@superstitionarc.org
	JD Smaylis	KF7VOX	kf7vox@superstitionarc.org
	Doug Brown	AG7KU	ag7ku@superstitionarc.org
	John Jacques	KD8PC	kd8pcu@superstitionarc.org
	John Wolven	KG7NSP	kg7nsp@superstitionarc.org

Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277.
 Web Sites: SuperstitionARC.org . For more information, send email to: info@superstitionarc.org. The Superstition Amateur Radio Club, Inc. is a 501(c)(3) non-profit corporation.

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. Denny's, 4403 S Rural Rd in Tempe (SE corner of Rural and US60) and 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	Ray Vasquez	K4RMV	
Vice President	Tom Morrissey	KE7TM	
Treasurer	Norm Johnson	AA7OO	480.278.2886
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

We have finally returned to hybrid in-person meetings which include online Zoom capabilities. The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. at Bethany Lutheran Church, 4300 North 82nd Street in Scottsdale. We have a broad range of programs covering many aspects of amateur radio with an emphasis on DX-related. Visitors always welcome in-person or via Zoom. See www.cadx.org/meetings.html for more information. Contact club president for zoom link.

President	John Jolly	N7NWL	wa7nwl@gmail.com
Vice President	Virgil Silhanek	K7VZ	k7vz@arrl.net
Secretary	Steve Thompson	N7TX	steve.n7tx@gmail.com
Treasurer	Mike Wright	N7MW	n7mw@aol.com
Immed. Past Pres.	Bill Poole	AA4Q	aa4q@arrl.net
Directors	Ron Smith	N7RD	n7rd@cox.net
At-Large	Steve Protas	K7SP	sprotas@juno.com

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: wa7nwl@gmail.com. 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	Ray Kolman	KI7COM	president@w7yrc.org
Vice-President	Mike Reid	WU7V	vice_president@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Treasurer	Jane Lerette	K7ZHF	treasurer@w7yrc.org
Past President	Bill Noe	WG7W	
Board Members	Byron Wilkinson	KK7BFL	kk7bfl@w7yrc.org
	Debbie Kolman	KD7COM	kd7com@w7yrc.org
	Mike Schnell	NCTX	nc7x@w7yrc.org
	Ron Shimek	W7WWB	w7wwb@w7yrc.org
Past President	John Snedden	KT7P	kt7p@w7yrc.org

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

K7ARC 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	Jerry Quenneville	K1GJQ
Treasurer	Saroj Gilber	KM6BQD
Past President	Frank Engstrom	KB7IQ

Arizona Red Cross Communications Club - K7ARC, 4747 N 22nd Street, Phoenix, AZ 85016. Web Site: K7ARC.org Email: info@k7arc.org

NORTHERN ARIZONA DX ASSOCIATION

The Northern Arizona DX Association is a small, but very active club in Flagstaff. We hold our monthly meetings the **FIRST TUESDAY** of each month via ZOOM at 6:00 p.m. MST (01:00 UTC). A ZOOM ragchew is held every Wednesday at 9:00 a.m. Visitors are welcome. Please e-mail President Mike at michael-hanks@hotmail.com to receive the ZOOM invite and password.

President	Mike Hanks, W7QS	michael-hanks@hotmail.com
Vice-President	Harry Legrand, KK7IUJ	vicepresident@nadxa.com
Secretary	Keith Schlothman, KR7RK	secretary@nadxa.com
Treasurer	Ken Held, W7SS	treasurer@nadxa.com

Website: www.nadxz.com. If you are interested in joining us, please read through our Bylaws (available on the website) and attend a club meeting or breakfast. A sponsor will be assigned to get you acquainted with our merry band



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	Gary Malhoit	N4WU	
Sec./Scheduling	Sam Marshall	N7INV	602.291.0992
Treasurer	Karen McConaghy	NO7D	602.799.7338
Station Engineer	Rusty Kinner	WA8ZID	
Board Members:			
	Tom Salt	AD7PM	At Large
	John O'Neal	K7JP	Teacher Packets
	Jerry Quenneville,	K1GJQ	ARCA Delegate

Direct Phone: 602.716.2082

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 Wednesday of the month at 7:00 PM on Zoom. 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 and at 8:00 PM. Please check our website (<https://westvalleyarc.com>) for other events and information.

President	Bill Ciccone	KA2KHV	
Vice-President	Josh Cavender	KE7WIL	
Secretary	Lee Ann Ciccone	KJ7AZR	
Treasurer	Bob Conlin	KJ7JNR	tallbob14@gmail.com
Board Member:	Bob Runke	AB7RR	
	Mike Stevens	K7BLT	
	Larry Johnson	W07C	
	Matt Browning	KK7CKE	

Committees:			
Membership	Krissy Larson	KI7GJJ	
Technical Advisory	Frosty Oden	NQ1S	
Equip. Donations	Frosty Oden	NQ1S	
& Sales			

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 is a Snowbird Club and meets **EVERY MONDAY** at 10:00 AM from October through the end of April at the Greenfield Village RV Park, 111 S Green field Road in Mesa. We also gather every Thursday morning at Red Mountain Park.

Nets:

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

10 Meter Net: Tuesday & Thursday, 28.329 Mhz, SSB. 02:00 (UTC) is also crossbanded to KD8PC-L and AllStar 51772 on Tuesday nights.

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

President	Jim Steinmetz,	WX7G	steinmetzjb@aol.com
Vice President	Stephen Wagner,	W7WHB	w7whb@arrl.net
Secretary	Roy Gager	KD7WRC	roygager@mac.com
Treasurer	Cheri Goforth,	KD7ZXD	treasurer.sunlifearc@gmail.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) is a 501(c)(3) amateur radio club. Our goals and purpose is to promote and support ARDEN MESH Networks throughout the state of Arizona, to explore new technologies, to promote the education of what amateur radio mesh is, to support and exchange information with mesh users throughout the state, to further the technology of mesh radio itself, to support emergency and public service communications, and (of course) to have fun along the way. AMO's board meets the **FIRST THURSDAY** and club meetings are held the **SECOND THURSDAY** of each month via Zoom. If you would like to attend either of these, contact the President, Michael, KI7LXY at president@arizonamesh.org at least 24 hours in advance. Visit the web site at <https://arizonamesh.org> for more information on the AMO Club and up-to-date news.

President:	Michael Bailey, KI7LXY	president@arizonamesh.org
Vice-President	Steve Estes, KB7KWK	vicepresident@arizonamesh.org
Treasurer:	Scott Gillins, W2KP	treasurer@arizonamesh.org
Secretary:	Robert Fridell, N3BZ	secretary@arizonamesh.org
Board of Directors		
	Dale Schmidt, N7QJK	n7qjk@arizonamesh.org
	Heidi Brewer, K7ZAE	k7zae@arizonamesh.org
	Gary Hinton, AC7R	ac7r@arizonamesh.org
	Bob Howard, W8RH	w8rh@arizonamesh.org
	Rodney Fritz, WB9KMO	wb9kmo@arizonamesh.org

Mail Address: 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. If you would like to join, visit our web site and click on the HamClubOnline Banner: https://arizonamesh.org/amo_membership.shtml

ARIZONA OUTLAWS CONTEST CLUB

The Arizona Outlaws Contest Club ("AOCC") does not hold routine meetings. At least once per year, we hold the AOCC Roundup, a catered event that rotates each year between Phoenix, Tucson, and Prescott. All members have access to an email reflector. Members post comments, questions, and their contest scores. All licensed amateur radio operators interested in amateur radio contesting (also known internationally as "radiosport") are eligible for membership. For more information, see our website, www.arizonaoutlaws.net.

President:	Mike Fulcher, KC7V	mikekc7v@gmail.com
V. P. North Area	Ray Benny, N6VR	n6vr@arrl.net
V.P Central Area	Chuck Zanella, KF7U	Chuck_KF7U@outlook.com
V.P. South Area	Owen Watson, AK7W	ak7w.owen@gmail.com
Secretary/Treasurer	Larry Reader, KE2VB	larry.ke2vb@gmail.com

Arizona Outlaws Contest Club, 1099 N Olympic Pl, Tucson, AZ 85737. Dues are \$10 per year. For more information, contesting resources, and a membership application, visit our website: www.arizonaoutlaws.net.



ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Northwest Campus, Pima Community College, 7600 N Shannon Road in Tucson. (Monthly meetings are live-streamed.) Visitors are welcome. Board Meetings are held the second Tuesday of every month at 7:00 p.m. via ZOOM. 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	Beverley Hester WB7BEV	wb7bev@cox.net
Board Member	Fred Bresani W2HZ	w2hz@verizon.net
Board Member	Andreas Prorocok W1IXQ	teslarocks77@gmail.com
Board Member	John Behrens K7JWB	johnbehrens@comcast.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/>.



THE AMATEUR'S CODE

ONE

The Amateur is Considerate . . . He never knowingly uses the air in such a way as to lessen the pleasure of others.

TWO

The Amateur is Loyal . . . He offers his loyalty, encouragement and support to his fellow radio amateurs, his local club and to the American Radio Relay League, through which Amateur Radio is represented.

THREE

The Amateur is Progressive . . . He keeps his station abreast of science. It is well-built and efficient. His operating practice is above reproach.

FOUR

The Amateur is Friendly . . . Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance cooperation and consideration for the interests of others; these are marks of the amateur spirit.

FIVE

The Amateur is Balanced . . . Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

SIX

The Amateur is Patriotic . . . His knowledge and his station are always ready for the service of his country and his community.

ADAW Staff

PUBLISHER / MANAGING EDITOR

Christine Kesauer N7PVL 602.843.0960

AARCEDITOR

Lori Cripps WA7EDI 602.955.7517

AMOEDITOR

Robert Fridel N3BZ 610.577.6907

ANSREEDITOR

Steve Miller W6SDM 602.290.1603

AOCCEEDITOR

Mike Fulcher KC7V 480.522.4332

ARAEEDITOR

Joe Bakas KE7WHE adaweditor@w7ara.net

AzRCCCEEDITOR

Charlie Zurenko N2TFS chazur@icloud.com

ATNEEDITOR

Rod Fritz WB9KMO wb9kmo@gmail.com

CADXAEDITOR

John Jolly N7NWL wa7nwl@gmail.com

CARLEEDITOR

Sam Marshall N7INV pdlstl@aol.com

CHRCEDITOR

Debby Smith KJ7MIQ kj7miq@gmail.com

KARCEEDITOR

Bobbye Mills KA7MIZ ka7miz@dmbam.com

MARAEEDITOR

Cary Gielniak K7CFG cary.gielniak@gmail.com

MARCAEDITOR

Clark Jones KI7TU ki7tu@cox.net

MMRGEDITOR

Lori Cripps WA7EDI 602.955.7517

NADXAEDITOR

Ron Gerlak KG7OH 480.356.3663

OVARCEEDITOR

Steve Wood W1SR nauset2222@yahoo.com

QCWAEDITOR

Carl Foster KB7AZ carlfoster@cactuscomm.net

SARCEEDITOR

Gene Geller K0VN 612.670.9358

SunlifeEDITOR

Judy Ferrara K7JLF k7jlf@yahoo.com

SuperstitionARCEEDITOR

Larry Kuck WB7C editor@us60.us

TBARCEEDITOR

Mark Heroux N1MAE n1mae@arrl.net

WVARCEEDITOR

Bob Conlin KJ7JNR tallbob14@gmail.com

YARCEEDITOR

Don Bauer WB7TPH dbauer2250@aol.com

ADAWEMAIL adaw@adaw.org

ADAWWEBSITE www.adaw.org

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

From the Editor's Desk

The Route 66 on the Air Special Event is being held September 9th through 17th this year. This is the 24th year of the event started by the Northern Arizona DX Association (NADXA). The Citrus Belt Amateur Radio Club (CBARC) of San Bernardino, CA is coordinating the event.

The special event is held to celebrate the history of U S Highway 66, also known as the "Mother Road," which began in 1926. Route 66 symbolizes the freedom of the open road. The route runs from Santa Monica, CA to Chicago, IL. Twenty-one stations will be participating over the nine days.

The demise of Route 66 began in the 1950's with the construction of the interstate highway system. Traffic on the interstates provided straight through convenience for motorists by bypassing cities along the route.

Route 66 was decommissioned in 1986. However, small portions of the route still exist. One portion is the main street through Williams, Arizona.

If you are interested in taking part in the special event, visit w6jbt.org for more information. Also, see the NADXA's column on page 14 and 15 for their plans for the event.

The next Arizona Hamfest is slated to take place on September 16th. The Amateur Radio Tailgate will be held at the Show Low Masonic White River Lodge #62, 741 E. Whipple Street in Show Low. It opens at 7:00 AM and is free to the public. There's also RV camping available. VE Testing will also be held (pre-reserve at vetesting@gmail.com). Check it out.

The Radio Society of Tucson will be holding a six-week Technician Class License course beginning Thursday, October 5th from 6:00 PM until 8:30 PM. If you are interested or would like more information, visit their web site at rstclub.org.

A class will be held at Mesa Community College on Analog RF Communications. The class will be two nights a week, Mondays and Wednesdays at 6:30 PM on the MCC campus. This is a lab class which includes lecture instruction and hands-on experiments. For more information and to sign up, visit <https://www.mesacc.edu/enroll>.

Til next month!
73,
Christine, N7PVL

**International
Peace Day
September 21st**





Led by Chuck, KF7U, AOCC has moved our reflector to groups.io. This gives us more features such as attachments. If you are an AOCC member, and have not received an invite, reach out to Chuck at Chuck_KF7U@outlook.com

Many of you know I served as a referee in Bologna Italy for WTRC2022 (held July 2023). My team this time was Uli DM5EE (ZR2A) and Holger DL9EE. Great guys and good ops. They finished 6th out of 58 teams. Not too shabby. Our site manager was Laura IZ4MPI who did a fantastic job and also kept us going with coffee and snacks. It was a wonderful time renewing friendships and making new ones. There were both Russians and Ukrainians in attendance. I am sure there were some tense moments but I did not see any blatant issues among the group. Outwardly everyone got along. WTRC2026 was announced and will be held in the UK. I hope to be part of that. My job was to enforce rules, watch for any violations and stay awake for the 24-hour period of the contest. I managed to do that again. What fun!

Please start thinking about holding a position on the AOCC board. I am not going to be a lifetime President. I need a break too. I enjoy it but have other things to do. Time for some of you younger guys to set up and help out.

The Potomac Valley Radio Club is pleased to announce they are sponsoring a new club competition for the North American QSO Parties - the NAQP Online Scoreboard Club Challenge (NOCC). This competition is open to all clubs. The only requirement is to post your individual scores on the Contest Online Scoreboard (contestonlinescore.com) along with your club affiliation. Cumulative club scores will be tallied for all six NAQP events during 2023 and the winning club will be awarded a plaque.

The NOSCC club competition is not affiliated with the NAQP contests or its sponsors. Full details are in the attached announcement and at <http://pvrc.org/NOCC.html>.

As a reminder, you can find contest dates and links to rules by looking at www.contestcalendar.com. You can also check to see what dxpeditions will be on for DX contests at <https://www.ng3k.com/>.

Contest Tip this month – summer fixes. We are not far off from the Fall contest season. Time to get repairs or updates done to your station. I know it is unbearably hot this summer but you can still work on the inside of the shack. I know from

AOCC Continued from Previous Column

my standpoint I'd like to add a high power triplexer and filters at some point. The choice of many contesters is to use VA6AN. He makes superb filters. I'd also like to add more automation in the shack. In my case the addition of Green Heron everywhere is another item on my list.

Our members include elite contesters who have operated from many DXCC entities around the globe as well as beginners wanting to learn more and who may submit a score of only a few QSOs. We encourage all stations, big or small, to get on and participate in contests and make contacts. There are excellent resources among club members and on our club website for contesting help.

AOCC accomplishments –

In the 2023 ARRL DX CW Contest, PJ2T (N7IR and others) sits #1 in the World M/M.

In the 2023 ARRL RTTY Roundup, NA7TB (AA7A, K9DR, KY7M, NA2U) finished #2 USA, #2 World in the M/2 HP category and N7AT (K8IA, KC7V) finished #2 USA and #2 World in the M/S HP category. AOCC as a club finished #4 in the Medium Club Category. Nice Job!

Keep posting your scores. We welcome all who wish to join the ham contesting/radiosport world.

73,
Mike KC7V

Happy Labor Day



September 4th

ADAW

Continued Next Column



The Thunderbird Amateur Radio Club (TBARC) is a 503(c)(3) nonprofit club based out of AZ Christian University, Glendale, AZ, serving the Northwest area of Maricopa County since 1995. The club has members from all over. TBARC is an ARRL affiliated Club.

Monthly Meeting

Enjoy monthly presentations related to all aspects of ham radio and radio communications at our monthly meetings. Members enjoy the opportunity to meet other hams to discuss the hobby, ask questions and the opportunity to contribute to the hobby on a local level. Meetings are welcome to everyone interested in the hobby. The Meetings are held on the third Thursday of the month at the AZ Christian University, Glendale in Building 3600, Auditorium #1 and via ZOOM (meeting ID 824 5152-5997- Code 446150) for more info see <https://www.w7tbc.org/monthly-general-meeting/>

Repeaters:

TBARC operates four repeaters. Two are on the East Peak of White Tanks. 2 Meters Frequency 147.040 +600kHz, PL 62.2 Hz and 70cm Frequency 446.150 Offset 5 MHz PL 100Hz. Both are linked and are 4083 ft above the Valley and cover a large portion of Maricopa County. Next, we have two standalone one repeaters. One is on top of HonorHealth Deer Valley Hospital 2 Meter 143.33 offset +600kHz with PL 162.2Hz and HonorHealth John C. Lincoln North Mountain Hospital, 2 Meter 146.70 offset -600kHz PL 162.2Hz. All TBARC repeaters are open for use by all amateurs and clubs for nets, public service events and general communications. Thunderbird Amateur Radio Club hosts a weekly net every Tuesday at 7:30 p.m. on 446.150 and 147.040 (Linked) discussing a variety of topics related to amateur radio and what's going on in the local ham radio community, all amateurs are welcome

Hamfest 2024

TBARC hosts a yearly Hamfest on the second Saturday of January. Our next Hamfest is January 14, 2024. We are currently in the planning stage for January 2024, but are looking for an exciting event. For up-to-date info for; Ticket Info; Vendor Info; Door Prizes; Raffle; and Electronics Swap Meeting, go to either www.tbirdfest.org or www.w7tbc.org. See you in January.

Continued Next Column

For Sale / Wanted



**LOOK!
Great Deals!**

For Sale

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

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.

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: TBD

ADAW

TBARC Continued from Previous Column

Amateur Radio License Sessions

Thunderbird Amateur Radio Club board offers ham radio license exams every 3rd Wednesday of the month. Ham radio licenses for technical, general and extra are given at this time. Examinations are through the Laurel VEC system so it's 100% electronic and efficient. Advantages of taking a ham radio exam through the Thunderbird Amateur Radio Club & Laurel VEC include electronic registration, efficient test taking workflow, plus it's free! Those who pass the technician test get their call sign in less than 24 hours, so you can start operating right after that! If you're upgrading to general or extra, you're officially upgraded, per the FCC, in less than 24 hours as well. For more info see www.w7tbc.org or sign up at <https://tinyurl.com/TBARC-VE-Registration>

Continues next Month

Walter Reinert, President
Thunderbird Amateur Radio Club

Hamfest Calendar

16 September 2023 - **Amateur Radio Tailgate Show Low** - will be held at the Show Low Masonic White River Lodge #62, 741 E Whipple Street in Show Low. Hours are 7:00 AM until 12:00 PM. Set up begins at 6:00 AM. Spaces are \$5.00 per 10 x 10 space. Free Admission. VE Testing - Contact Vince at vetesting@gmail.com to pre-register. Food & drink available by the Ladies of Masonic Eastern Star. RV Cold Camping available behind the lodge. Talk-in 146.76 P/L 110.9. Email w8ybm@gmail.com for more information.

7 October 2023 (**New Date!**) - **Tucson Area Harvest Ham(fest)** - hosted by the Radio Society of Tucson will be held at Calvary Tucson Church, 8711 E Speedway Blvd in Tucson. Hours are 7:00 AM to 11:00 AM with seller set up starting at 6:00 AM. Free Admission. Seller/Vendor Spaces - \$10/ parking space. Morning Snacks by Scout Troop 157. For more information, visit the web site at <http://www.k7rst.club>.

7 October 2023 - **TARA Ham Swapfest** - hosted by the Tonto Amateur Radio Society will be held in the parking lot of Ponderosa Bible Church, 1800 N Beeline Highway in Payson. Hours are 8:00 AM until 12:00 Noon. Free Admission and Parking. Sellers - \$5.00 per parking space. Set up begins at 7:00 AM, selling at 8:00 AM. VE session will be held indoors at 9:00 AM. Talk In - 147.39MHz - 100 HZ PL. Visit the web site at <https://n7tar.org/> or contact Bruce Johnson, N7DDT at 623-533-1774 (email: injectionresource@gmail.com) for more information.

28 October 2023 - **COPAfest** - hosted by the Maricopa Amateur Radio Association 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. Set up 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.

4 November 2023 - **HARKfest Tailgate Hamfest** - hosted by the Hassayampa Amateur Radio Klub will be held at Redeemer Lutheran Church Annex, 470 Rose Lane in Wickenburg. Hours are 8:00 AM to 12:00 Noon. Free Admission. \$5.00 Outside Tailgating - \$10.00 Inside Table. Must pre-register with HARKfest Manager, Duane, KD0KYK: djgrooms@yahoo.com. Main and door prizes. Overnight Full RV hook-up or dry camping available barely 15 minutes up Hwy 89 at North Ranch Escapees RV Park (northranch.escapeesrvparks.com). For more information and questions, email Duane, KD0KYK at djgrooms@yahoo.com.

11 November 2023 - **Tucson Hamfest** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11285 W Grier Road in Marana. Gates open at 7:00 AM (5:00 AM for sellers). Closes at 1:00 PM. \$5.00 Admission includes a bottle of water. Children under 12 are free with a paid adult. Students are free with any AZ school ID. Seller spaces - \$10.00 per space (includes the seller). Indoor VE session. Pre-registration preferred - email licensing@tucsonhamradio.org. ARRL Card Checking, Interesting Seminars, Prizes! Food Truck available for Breakfast and Lunch. Contact hamfest@tucsonhamradio.org for more information.

2 December 2023 - **Superstition Superfest** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Avenue in Mesa. Hours are 7:00 AM to 2:00 PM. Grand Prizes. Expected Activities Include: Presentations, VE Testing, Hourly Drawings, Tailgating, Commercial Vendors, Club Booths and Musical Entertainment by KD8PC. Watch for details. Contact Chairperson Sharon Newman-Matt at kf7jtk@superstitionarc.org for more information.

13 January 2024 - **Thunderbird Hamfest and Electronics Swap Meet** - hosted by the Thunderbird Amateur Radio Club will be held at Haven Church, 5902 W Cactus Rd in Glendale. Hours are 8:00 AM - 12:00 Noon. Admission - \$5.00 each which includes a door prize ticket. Commercial Vendor set up Friday after 5:00 PM and/or Saturday at 6:00 AM. Tailgaters and Clubs set up Saturday after 7:00 AM. Space are \$10.00 for each space used or blocked. Two admissions tickets included with space. Food provided by Queso Good - Quesadilla Truck. See the web site at tbirdfest.org for more details.

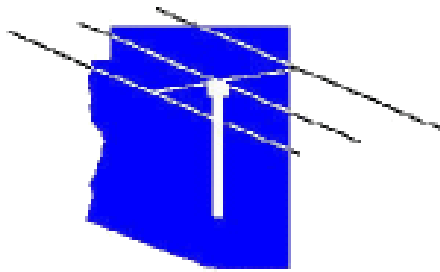
21-27 January 2024 - **Quartzfest** - will be held at the Roadrunner BLM outside of Quartzside. A full week of ham radio activities, seminars, off-road rides, swap meet, and flea market shopping. Check the web site at www.quartzfest.org for details.

July 2024 - **Flagstaff Hamfest** - hosted by the Northern Arizona DX Association. More details will be posted they become available.



Fall Begins - September 23rd

ADAW



MARCA INC.

REMINDER: NEW LOCATION! Our meetings are going to be at Denny's Restaurant, 4403 S Rural Rd, Tempe, AZ 85282. This is the southeast corner of U.S. 60 and Rural Rd. If you're coming from the north (or from U.S. 60), turning left at the very first traffic light AFTER those associated with U.S. 60 will get you into the southern end of the parking lot. You can then make your way to the north end where Denny's is located. If you're coming north on Rural Rd, say from Baseline, go past this traffic light. There's an entrance at Denny's from the right turn lane that would put you east bound on U.S. 60. Possibly useful "landmarks" are the bowling alley that's east of Denny's in the same parking lot, and the Embassy Suites that's on the other side of Rural Rd. We've reserved the meeting room at this location through November, which is to say our regular meetings for the rest of this year. (We usually have a "holiday party" in lieu of the December meeting, often combining with other clubs.)

At the July meeting, as usual, we had a test session before the regular meeting. There were five candidates who took tests, and four of them passed – two earning Technician licenses, and two upgrading to General. Congrats to those folks!

Although this was an "informal" meeting, we did have a brief presentation on "rubber duckie" antennas. It was pointed out that a counterpoise wire, often referred to as a "Tiger Tail," greatly improves their performance.

The September meeting will be in honor of the 75th anniversary of the invention of the transistor. We are planning on having test sessions (assuming that there are candidates) before our meetings.

We've started having a "non-structured net" on Monday evenings at 8:00 PM (Arizona time). It's on the 443.050 MHz – PL 100.0 Hz repeater located on South Mountain. All are invited to participate!

Please check our website – www.W7MOT.org – for details on signing up for the test sessions, or to attend the meeting via Zoom. (We do encourage people to show up in person and join us for supper – it helps keep the restaurant happy!)

Clark Jones, KI7TU



A special THANK YOU to the Northern Arizona DX Association for putting on the Flagstaff Hamfest. It was refreshing to go to a summer Hamfest especially in Flagstaff although it was plenty hot there as well. Thanks to Mike and all of the rest of the team for putting on this event. It was great and I am hoping that you will do this again next summer.

Fortunately, our Keystone repeater seems to have dodged any severe weather so far this monsoon. Locally we have had hailstorms and a few hard downpours, but our repeaters have survived nicely and our Sunday net operations have not been interrupted at all.

Thanks to Jerry KK7HTF for getting our meeting rooms organized at Pima Community College. Last month's zoom meeting was fabulous on Winlink and our zoom connections were fine. Thanks again Jerry. Thanks also to Greg KW6GB for a fabulous presentation and demonstration on Winlink.

Thanks to Joe KC2J for taking a fresh and innovative approach to none-traditional Foxhunts. Joe is making considerable progress on the technical solution which will hopefully allow us to test this approach later this year. Thanks Joe!

Ralph KC7QXD and Joe KC2J are considering launching a new net to help amateur radio operators resolve issues with antennas, radios, operating and other common issues. Watch the OVARC website for more information.

This month we are looking forward to an instructional presentation on SOTA and POTA. We will be welcoming Anthony KG7YTR who has lots of SOTA/POTA experience to share.

Our November Hamfest is not too far off. Please save the date on your calendar and plan to attend this year. The Hamfest falls exactly on Veteran's Day, November 11th. Keep checking the OVARC website for more details. If you have attended in the past, it's in the same exact location. If you have any questions, please send me an e-mail at hamfest@tucsonhamradio.org.

We have been working closely with the University of Arizona amateur radio club, K7UAZ. We are planning to help students and the club in general in this upcoming academic year which begins on August 21.

We are also waiting for the fall semester to start at Pima Community College so that we can get this club up and running.

Keep cool and circle the OVARC Hamfest date on your calendar.

73, Steve - W1SR

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). An FCC-issued FRN number is required. If you do not have an FCC-issued FRN number, visit <https://apps.fcc.gov/coresWeb/publicHome.do> to obtain one. 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 an exam 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.

September Test Sessions

Sep 2nd - Chandler Ham Radio Club -- 10:00 AM
Tri-City Baptist Church, 2211 Germann Rd, Chandler
Bldg D, Room 170
Contact - Byron Garranbrant ve@chandlerhams.org
Walk-Ins Allowed / Registration or Call Ahead
Register at: chandlerhams.org/testing/

Sep 4th - WVARC -- 6:00 PM
Shepherd of the Desert Lutheran Church-Walton Hall
11025 N 111th Ave, Sun City
Contact - David Morrill 623.680.5011
No Walk-Ins / Register or Call Ahead

Sep 5th - IPrivate VE Sessions -- 5:00 PM
Prescott Public Library, 215 E Goodwin - second floor, Prescott
Contact - J M Scherfling 928.632.2050
No Walk-Ins / Register or Call Ahead

Sep 11th - East Valley VE Group -- 6:00 PM
Charles K Luster Bldg, 640 Mesa Dr, Mesa
Contact - Ray Vasquez 480.696.1581
MUST obtain FRN prior to exam - \$15.00 Exam Fee Cash Only

Sep 11th - Radio Society of Tucson -- 7:00 PM
Immanuel Presbyterian Church, Witherspoon Hall
252 E 22nd St, Tucson
Contact - Diane Zimmerman 520.664.5070

Sep 15th - Oro Valley ARC -- 5:30 PM
Pima Community College, 7600 N Shannon Rd,
Bldg A, Rm 208, Tucson
Contact - David Beauschesne 831.345.3308

Sep 16th - Unsponsored -- 1:00 PM
Kingman Regional Medical Ctr, Stockton Hill Rd & Beverly
Challe Room, Kingman
Contact - Jack Gunnoe 928.530.4745

Sep 16th - Hualapai ARC -- 10:00 AM
VE's Residence, 3571 E Lum Ave, Kingman
Contact - Alyce Ingle 425.231.9173

Sep 16th - West Valley Electronic Club -- 9:00 AM
The Shack, 11115 W Nevada Ave (111th & Nevada), Youngtown
Bring FRN, pencil & pen, and \$15.00
Contact - David Morrill 623.680.5011
No Walk-Ins / Register or Call Ahead / Limited Seating

Sep 19th - HARK -- 2:00 PM
Congress, 30736 S Wandering Way, Congress
Contact - Duane Grooms 602.814.9603
No Walk-Ins / Register or Call Ahead

Sep 19th - MARCA ARC -- 5:00 PM
Denny's, 4403 S Rural Rd, Tempe
Contact - Ray Vasquez 480.696.1581
MUST obtain FRN prior to exam - \$15.00 Exam Fee Cash Only

Sep 20th - Thunderbird ARC -- 6:00 PM
Northwest Christian School, 16401 N 43rd Ave, Phoenix
Enter Gate 9, Room 423
Contact - Walter Reinert 602.668.7804
No Walk-Ins / Register or Call Ahead

Sep 30th - Arizona ARC -- 10:00 AM
American Red Cross, 4747 N 22nd St, Phoenix
Contact - Gary Hamman 602.996.8148
No Walk-Ins / Register or Call Ahead
Pre-Register Required by the Thursday before session



ADAW



YARC Continued from Previous Column

Well, what a busy year it has been already and still more coming down the coax! Let me catch you all up on some of the happenings thus far with the YARC members.

A special note for September, our meeting is moved to the second week on the 14th due to the Yavapai County Fair opening on the 7th. Join us on the 14th of September at the Prescott Rodeo Grounds.

We are an ARRL Special Service Club and have done five Public Service Events so far this year. We have three more to go that we coordinate comms for and one more that we assist with other clubs and hams.

The first five events began back on April 15th with the Whiskey Basin Trail Run, then the Whiskey Off Road Bike Event on April 28, 29, and 30th, followed by the Groom Creek Mountain Mayhem on May 20th, the Yarnell Memorial Run on June 10th, and then the Prescott Rodeo Parade on July 1st. The statistics for those first five events are:

127 volunteers – 1,362 volunteer hours

We also volunteer to work during the week long Prescott World's Oldest Rodeo doing various jobs in Parking, Security, Ushers, etc., for an additional 160 hours. These are not Ham Radio related but the club's way of giving back to the Rodeo for our meeting room and times.

This year, Field Day 2023 was chaired by Fred Pierce K7FWP. We were joined by our YARC Youth Club for a Radio Science Day which had numerous stations for the youth to learn, build, drive, and participate in all things Radio Science! We even had a balloon launch with ANSR, last seen at 90,000 feet headed towards Flagstaff. We had over 271 participants, had 40 family members sign up for our Technician Class and even had time to eat a few pizzas. For photos by Fernando KJ7QHI of a very busy Field Day 2023 please cut and paste in your favorite browser, <https://photos.app.goo.gl/fp4JE3UabAuQgKPSA>, and enjoy what we think Field Day is all about.

It was our pleasure to help the NADXA Club with their first hamfest in a long time up in Flagstaff. We had several members assist with tables, trash containers, and set up labor for what was a very successful event. Nice to have Flagstaff back in the Hamfest mode and it will be even bigger and better next year!

The YARC Hamfest held back in May was another successful undertaking thanks to Frank K8FB and his committee volunteers who stepped up big time this year. The club was able to add a few thousand dollars to the treasury, give away some great hourly prizes and grand prizes. The YARC Youth Club displayed their projects and enjoyed making satellite contacts with Patrick Stoddard WB9EWK, who came up from the valley to share his knowledge and equipment with our youth and attendees. Thank you, Patrick!

Continued Next Column

YARC also sponsors two Special Event Stations each year. The first is held on June 30th to honor the Granite Mountain Hotshots who lost 19 of their members on that date in 2013. This year was the 10th anniversary of the Granite Mountain 19 and the club uses our N7GMH as a special call for the event. The other special event is on November 17th and is held at the Gunsite Training Center in Paulden on the NRA's birthday. We use K7GST as the call for that day which is the call for Buz Mills, President of the Gunsite Academy. This will be the 22nd year for YARC and Gunsite.

Please check out our website at W7YRC.org for more information about the Yavapai Amateur Radio Club. See you down the log!

73,
John KT7P

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. Why not join us for one of our club meetings. All the info will be on our website,

The Yavapai Amateur Radio Club meets at the Freeman Building at the Prescott Rodeo Grounds, 840 Rodeo Drive, Prescott, AZ 86305 on the first Thursday of every (almost) month, at 7:00 PM. Or, if you would like to join the fray via Zoom, the link can be found on the front page of our website, www.w7yrc.org

License classes are available if you want to get licensed or upgrade. The schedule for 2023 is here. A Technician class is scheduled for September 23rd and 30th at the Jeep Posse Building from 8:30 a.m. to 4:00 p.m. A General class will be October 28th and November 4th at Jeep Posse Building from 8:30 a.m. to 4:00 p.m. See our website for more info.

Amateur license testing is available in Prescott. YARC's next session will be on October 7, 2023. Pre-registration is highly recommended at hamstudy.org. All test sessions for 2023 are now on the YARC website or the ARRL exams page on their site. Please see our website for details on registration.

The Yavapai Amateur Radio Club has a 2-Meter and 70CM FM net dubbed the "1300 Net." It is held every week day (sorry not Saturday & Sunday) at 1300 hours MST on 146.880 (PL of 100 Hz) and 447.650 (PL of 100Hz). These Linked repeaters have AllStar node 502370 and Echolink W7YRC-R.

Other nets we conduct are:

Wednesday Night FM Net 7:00 PM
Friday Night 6 meter FM Net 7:00 PM
Saturday Coffee FM Net 9:00 AM

Details of all nets can be found on our website, www.w7yrc.org

Our public service events for the remainder of the year are:

Chino Grinder – September 16, 2023 – Contact: Don Sears N7PLL (donsears@zoho.com)

septGroom Creek Classic – September 23, 2023 – Contact: Frank Bender K8FB (fhb47@hotmail.com)

Whiskey Row Marathon – October 7, 2023 – Contact: John Snedden KT7P (kt7p19@gmail.com).

Remember; BERADIO ACTIVE!

73,
Don, WB7TPH

ADAW



NADXA The NORTHERN ARIZONA DX ASSOCIATION meets monthly on the first Tuesday of the month at 6:00 p.m. MST on Zoom for our monthly meetings. We also have a casual weekly rag chew on ZOOM at 9:00 a.m. every Wednesday where we talk about club projects, equipment, problems or whatever. Everyone is welcome to attend. Just e-mail president@nadxa.com for the Zoom links. We would really enjoy having you join us!

Our members Ken - W7SS, Lou - W7KFT and club President Mike - W7QS just finished upgrading our club trailer to include four (4) new 350 watt solar panels, solar controllers, and SOK LiFe04 100ah batteries. With these new improvements, we will now be able to operate our many special events, complete off the grid without a generator. We first tried this new setup out on Field Day this year. Finally - no loud generators, RFI issues, midnight gasoline refills, oil changes or long electrical cords to run!! All of these improvements and more are possible because of the GRANT we received from the ARRL FOUNDATION in January of this year!



Speaking of FIELD DAY, we set up at the East Flagstaff Home Depot again this year. We thank those of you that came out and visited, operated or helped in other ways. Thanks also to Home Depot for their hospitality! They always welcome us and seem thrilled we want to set up in their front parking lot.

boB, NF7E
Contributing Editor
(Note: boB 340, has been known to spell his name backwards)

Flagstaff HamFest 2023

Flagstaff HamFest is the best place to be in July in Arizona. The venue allowed both outside Tailgaters and Interior Vendor Spaces, and rooms for meetings and presentations. There was much to see and do. The many offerings to be had at the Flagstaff HamFest included a Friday Night Dinner Social, Card Checking, License Exams, Breakfast and Lunch, and Much, Much More! The Friday Night Dinner Social was held at the Westside Sizzler and was attended by 50+ Hams and Non-hams alike.

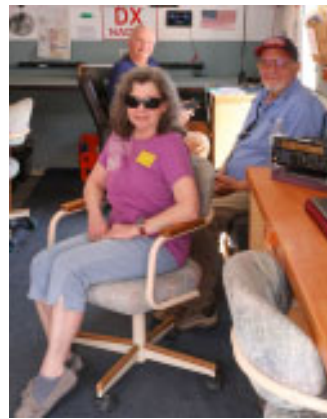
Herb Goodluck, his father was a Navajo Code Talker in

NADXA Continued from Previous Column

World War II, has a special event every August to honor the Navajo Code Talkers. Herb had a presentation that evening which was enjoyed by all. The food was good, the company was great.

Saturday started at 07:00 with 75 Tailgaters and more than a dozen inside booths. The parking lot crew kept the traffic moving, and the show was on the road. Breakfast was Coffee and Donuts/Muffins. The joe was flowing and the doughnuts were going. The Presentations/Meetings started at 08:00 and there was something for everyone. Here is a sampling of the presentations – Earth-Moon-Earth, Portable Ops, CW keys, ARES, VHF contesting in AZ, Reasons Why You Should be on 10 Meters, and Antennas by Tom Schiller.

Several meetings took place at the HamFest. The Amateur Radio Council of Arizona's (ARCA) Annual Meeting, AZ VHF Meeting, and ARCA Frequency Coordination Committee also had a meeting.



ADAAW Editor at the Flagstaff Hamfest

The VE team from Show Low lead by Vince KA7JOI did an outstanding job in tough conditions (no AC on the 2nd floor on a day of record heat testing nine (9) people that day with seven (7) Techs, one (1) General, and one (1) Extra awarded.

Hamfest Shoppers



The Food Service was run by volunteers. Two slices of pizza and a pop was the lunch special.

The volunteers kept the coffee hot, the soda cold, and the service was second to none. The local Scout Troop 142 assisted us in the parking lots and with the food service.

The Grand Prizes were an IC-7300, Comet CAA Mk 2 Antenna Analyzer, and a 50 Ah LiFoPo4 battery. First Prize went to Steve KE6GMD, Second Prize went to Robert

NADXA Continued from Page 14

WW7C, and Third Prize went to Tim AG7GY.

There were Prizes Galore when you come through the door! The total for all the door prizes was over \$4000.00. There were so many door prizes we had to give away multiple items every hour. It was great fun giving away so many prizes!

Over 400 attendees coming from multiple states supported the Flagstaff HamFest. States represented were California, Nevada, New Mexico, Utah, and Arizona. The Northern Arizona DX Association would like to thank all the Hams who made our first HamFest a success. The Amateur Radio Council of Arizona was instrumental in the success of this HamFest. All the planning and promoting by the Hamfest committee did, well, it was worth it! We would like to thank the NADXA club members and the volunteers that were vital to the success of our Hamfest. More Info and pictures at Flagstaff Hamfest

Mike Hanks, W7QS
NADXA President

Check out our club website of www.nadxa.com for more details on our CLUB TRAILER UPGRADES, FIELD DAY, FLAGSTAFF HAMFEST, FUTURE EVENTS and more.

DX IS

This section is dedicated to DX. Information, techniques and lots of hints on where, when and how to DX. The Announced DX Operations: 2023 can be found at Announced DX Operations: 2023 (ng3k.com). You may find this site useful for finding the one you need to complete DXCC or filling in some hole in your 5 Band DXCC. GUD DX my friends.

CONTESTING

Watch here for information on the upcoming major contests and information on some of the minor but fun contests we participate in. Members can submit their scores and get counted twice, individual and club. It is like double dipping but on the up and up. Six states are holding their QSO Parties in September making this a great opportunity to win some awards and complete your 5 Band WAS.

SPECIAL EVENTS

Route 66 On The Air 2023

We will be active Sep 9 00:00 UTC through Sep 17, 23:59 UTC. Work all 21 stations along the Old Route 66 for a "Clean Sweep" More Info at: Operating Frequency Guidelines: Operating Frequency Guidelines – W6JBT.ORG Participating Clubs & QSL Info: 2022 ROUTE 66 ON THE AIR PARTICIPATING CLUBS – W6JBT.ORG Look up W6T on QRZ for complete information, schedule and directions.

Clean Sweepers - If you have worked 19 or more of the 21 RT 66 OTA stations and are missing W6T call for a schedule.

NADXA Continued from Previous Column

(Ron 480-356-3663.) We will do our best to accommodate you. Our goal is to not let any station miss a "Clean Sweep" because they missed W6T.



Route 66 Group

Operate Locally in Northern Arizona:

Come out and operate as W6T from the NADXA club trailer in Bellemont and Parks, Arizona. The NADXA is again supporting three call signs for the Route 66 on the Air Special Event; W6T (AZ West Rover 2), W6G (Flagstaff, AZ), and W6S (AZ East Rover 1) with QSL cards that, when lined up, make up a panorama of Route 66 across Arizona. All visitors will receive a complete set of the 2023 commemorative NADXA RT 66 QSL cards! Be sure to sign in. We will be set up to operate SSB, CW and FT8. Want to lean how? This is the place

Where: We will operate W6T from the NADXA club trailer in Bellemont and Parks AZ All are welcome to operate or just come out and visit. If you have never operated HF or have never operated a pileup from the "most wanted" end don't miss this opportunity.

Bellemont, AZ - Directions: Interstate 40 about 10 miles west of Flagstaff. Exit 185. Go south about 1/4 mile to the first intersection. Turn right (West). Go about two miles. We will be on the right side of the road (north side) in the forest. (Lat 35.2466, Lon -111.8544)

Watch For The Signs!

Parks, AZ - Directions: Interstate 40 about 17 miles west of Flagstaff, AZ. Exit 178. Go north about 1/4 mile to the "T" intersection. Turn left (west) and go three miles. Right after the road changes from asphalt to concrete we will be there on the left (south side of the road). (Lat 35.2585, Lon -111.9927)

GOODWILL

We have recently worked with the students at Seligman school and Scouts promoting Ham Radio to them and encouraging their participation. We also offer VE testing each quarter and assist the Marine Charities "Toys for Tots" each year.

GUD DX & 73,
Ron Gerlak, KG7OH
NADXA Editor

ADAW

Continued Next Column



**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. The Harkins Ham Shack is open to all who visit Arizona Science Center (ASC) during those hours when 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.

ASC is open daily, 10:30 a.m. – 4:00 p.m. The ham shack hours are manned by our volunteer staff who are typically in the shack until 2:00p.m. You can also learn more about CARL by searching our W7ASC callsign on QRZ.com . Our Twitter feed can be accessed at twitter.com/w7asc_arc . We hope to have our web page back up shortly.

Interesting Visitors at W7ASC

This CARL volunteer got a sense of what is popular with the kids who recently visited the Arizona Science Center from various summer camps around the state by the words they translate to Morse code on their own when given the opportunity at the Harkins Ham Shack. Not surprisingly, “Taylor Swift” has come up several times with one youngsters even claiming that was their name. (I was more than happy to go along with this to make their Morse code experience fun). Another popular item is the “Nintendo Switch” gaming platform & associated games.

An ASU computer science grad student stopped by last Wednesday at the Harkins Ham Shack and shared photos of his non-academic work with Tesla coils. He has built a self oscillating system employing a transformer of this type. The photos were impressive & showed that the build quality is very clean. He proudly showed me a photo of a high voltage MOSFET that exploded during his development efforts! This young gentleman is quite interested in becoming a licensed ham, which was the start of our lengthy & interesting conversation. We were glad to give him background literature with our “prospective ham pack” plus provide a copy of last month’s ADAW to let him know where the upcoming VE tests are.

Also last Wednesday, a visitor stopped by who introduced himself as a science teacher from Mexico City. He said he had been wondering how to use amateur radio in the classroom, but

Continued Next Column

Public Service Calendar

**Maricopa County Emergency
Communications Group Events**

EVENT	LOCATION	DATE
Mogollon Monster	Rim Country, E. of Pine	09/09/2023
Xterra San Tan Trail Run	San Tan Park	11/05/2023
Xterra Estrella Mtn Trail Run	Estrella Mtn Park	12/17/2023
Xterra White Tank Trail Run	White Tank Park Wadell, AZ	01/14/2024
Xterra McDowell Trail Run	McDowell Mtn Regional Park - Fountain Hills	02/04/2024
Black Canyon 100K	Spring Valley to New River	02/10/2024
Xterra Black Canyon Trail Run	Black Canyon City	03/17/2024
Crown King Scramble	Lake Pleasant - Crown King	03/23/2024

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.



CARL Continued from Previous Column

did not know where to turn for information. John K7JP was happy to share one of our “teacher information packs” that he developed and keeps stock for such inquiries. Thanks John!

If you want to share your love of amateur radio with our interested & inquisitive visitors at the Arizona Science Center, please join the Center for Amateur Radio Learning as a volunteer at W7ASC by contacting Jack KD7ROB at jacklandon17@gmail.com.

73 de N7INV Sam
w7asc.sked@gmail.com
602.291.0992





Superstition Continued from Previous Column

June Field Day pictures follow this column

I have pulled up four pictures of Field Day and related activities. Unfortunately, my “facial recognition software” doesn’t help me to identify who is in most pictures. :-)

Sad news . . . K9WMP, Silent Key *Steve KB7KWK*

Bob Bingham, K9WMP, passed away Thursday evening at the age of 90. The cause of death was the result of a stroke.

Bob and his wife Laura, W9WMP, were Laurel Volunteer Examiners. Their VE Group was formerly known as the NOMADS Amateur Radio Test Team. They gave exams every Saturday at their home in “Venture Out in Mesa.” It’s believed that Bob tested over 1000 people during his service as a VE. Bob and Laura also used to host exam sessions at Quartzfest.

On behalf of the ham radio community, we thank you, Bob, for your many years of service growing our amateur radio hobby. Rest in peace and God bless you and your family.

Joe, N2QOJ - Thank you and Sue Rogers W7SKH for notifying me of Bob’s passing.

(Copy from an email to the club from KB7KWK)

Superstition SuperFest Flyer!

A finished flyer has been submitted for use in this ADAW’s Hamfest Flyer attachment. It was created by the SuperFest Committee and released for me to publish anywhere.

Commercial vendors and Tailgaters: Reserve your space at <https://store.superstitionarc.org/superfest2023>. See the flyer for details.

Grand Prize tickets may be bought at <https://store.superstitionarc.org>.

The committee, led by Sharon KF7JTK, meets at 6:00 p.m. at the Charles K. Luster building before the general club meeting.

HamClubOnline.com Takes Spam Seriously

The emails from the club to its members comes by way of HamClubOnline.com. These emails include distribution of the club newsletter that we call the Communicator, plus other emails about upcoming events and RSVPs, and breaking news.

Our emails’ subject line begins with, “[SuperArc].” When I send out the newsletter, I will see a report that tells me whose emails were sent successfully, identified only by the members’ names and not their email addresses. There is also a short list whose emails were not sent and why. One such reason is, “Made Spam complaint.”

While members can log in on Ham Club Online to see the newsletter and club information, Dave, K7AV publishes the newsletter to the club website, too. But take note, Ham Club Online will stop delivery once a Spam complaint is made.

August President’s Corner

by Steve KB7KWK

Hello fellow club members. I hope all of you are keeping cool. Man it is a hot summer this year. I have been here since 1985 and I believe this is the hottest I have ever seen but then again, I think we say that every year.

I want to thank all of you who joined the club at Organ Stop Pizza this year. I think we had 135 people in attendance. I spoke with the owner and he is glad to have us come back again next year. However, he did ask that we try to get everyone there on time. He said if people show up late it makes it hard for them to have enough food ready. Just when they think everyone is there and they quit making pizza, more people come in and they have to make more. They ask that next year we try to get everyone there within the first 45 minutes or so.

At the end of the event we held our award ceremony that I do each year. There were a lot of folks to honor this year. This is a big club and it takes a lot of people to keep it going strong.

New Award

This year a brand new award was created. The new Dale Schmidt award is specifically for those who do a lot of work behind the scenes. This plaque has a picture of Dale, N7QJK on it.

I have thought about this for a couple of years. Dale, N7QJK was a very good friend of mine and a former Board member. He was the club’s Webmaster. He became a silent key during the COVID pandemic. Dale did a lot for this club behind the scenes that most people did not realize.

The club has several people that do that right now. However, I felt that this award should go to Douglas W7ADD for his continued work. Although we do not hear from Douglas much anymore and he rarely attends meetings, he does a lot for us. As our past Treasurer and Board member, I still call him once in a while for advice on things. Douglas, thank you for all you do.

Other Awards

Field Day: Three plaques were awarded to Jeff Harris K2DFE; Charlie Brown NJ7V; and Dan DeVliieger KC7MSU.

The entire Board and Officers: Matt Churchill K7YEG; Brent Butler W7FK; Scott K Simeon KI7KIM; John Wolven KG7NSP; Jeff Harris K2DFE; Bryan Hubbard KF7DPC; Doug Brown AG7KU; John Jacques KD8PC; Jeff Heinze N7CCW; JD Smaylis KF7VOX

The tech team: Brent Butler W7FK; Jeff Heinze N7CCW;

Continued Next Column

Continued on Page 18

Superstition Continued from Page 17

Michael Bailey KI7LXY; Brian Betz W7JET; Hercel Spears KJ7WHS; Chip Tyrell KK7GWX; Bob Thomas N8ANV; Jim Lannon NK2J; Bill Kouchis N9EIV

The HamFest crew: Sharon Newman-Matt KF7JTK; Paula Spears KK7GQX; Mitch Sprowl K1MAS; Ed Taggard K7EDT; Hercel Spears KJ7WHS; Doug Brown AG7KU

All net control and wireless operators: David Muller K7AV; Joshua Cavender KE7WIL; Patrick Grogg KJ7AYN; Sharon Newman-Matt KF7JTK; Brent Butler W7FK; Dale Hamm W5LN; George Dean K3ARZ

ADAW and Pioneer: Larry Kuck WB7C

Sister Club Arizona Mesh: Rod Fritz WB9KMO

Congratulations to all of you, and thank you very much for what you do. It is much appreciated.

73 for now and I will catch you on the air

Deadlines to Include Your Input in Our Publications:

We publish this column and the club Communicator newsletter. We welcome your input to both publications.

The Communicator: Please email

Editor@SuperstitionARC.org with your input by August 27th. The Communicator will publish to club members in early September.

This publication: Please email WB7C@SuperstitionARC.org with your input by September 5th. The October ADAW will publish to club members in late September.

73, Larry Kuck WB7C for SuperARC's part of this ADAW

Superstition ARC Repeaters

Output	CTCSS	Links To	Mode
147.120 MHz +	162.2Hz	449.600*	FM Only
449.600 MHz -	100.0Hz	147.120*	FM Only
448.275 MHz -	100.0Hz	WIRES-X	Fusion

* Also Links to Echolink Node: **WB7TJD-L**

* Also Links to AllstarLink Node **52987**

Club Nets

Morning Drive Time Net: Mon-Fri, 7:00-8:00 AM - Trivia

Club Net: Wednesdays, 8:00 PM - Discussion, Elmer Q&A.

Mesh Information Net: Thursdays, 8:00 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

SuperARC Merchandise Store

<https://superARC.big3creative.com>

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.



2023 ARRL Field Day at Lost Eden



Solar Panel Array



Club crew repairs fence

Entrance to Lost Eden



The CW table
W7JET (L)
NJ7V (R)



ADAW
National Grandparents Day
September 10th

No Reports Received



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

CHAPTER 16
 BARRY M. GOLDWATER ARIZONA CHAPTER



Emergency Communications Since 1961

SHORT SKIP



SARC CONSTANTS:

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

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



HAM RADIO OUTLET®

WWW.HAMRADIO.COM

Family owned and operated since 1971



FTDX101MP | 200W HF/50MHz Transceiver

- Hybrid SDR Configuration • Unparalleled 70 dB Max. Attenuation VC-Tune • New Generation Scope Display 3DGS • ABI (Active Band Indicator) & MPVD (Multi-Purpose VFO Outer Dial) • PC Remote Control Software to Expand the Operating Range • Includes External Power With Matching Front Speaker



FTDX10 | HF/50MHz 100 W SDR Transceiver

- Narrow Band and Direct Sampling SDR • Down Conversion, 9MHz IF Roofing Filters Produce Excellent Shape Factor • 5" Full-Color Touch Panel w/3D Spectrum Stream • High Speed Auto-Antenna Tuner • Microphone Amplifier w/3-Stage Parametric Equalizer • Remote Operation w/optional LAN Unit (SCJ-LAN10)



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



FTDX101D | HF + 5W 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



FT-710 Aess | HF/50MHz 100W SDR Transceiver

- Unmatched SDR Receiving Performance • Band Pass Filters Dedicated for the Amateur Bands • High Res 4.3-Inch TFT Color Touch Display • AESS: Acoustic Enhanced Speaker System with SP-40 For High-Fidelity Audio • Built-in High Speed Auto Antenna Tuner



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

- Stable 100 Watt Output • 32-Bit IF DSP • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control



FTM-300DR | C4FM/FM 144/430MHz Dual Band

- 50W Output Power • Real Dual Band Operation • Full Color TFT Display • Band Scope • Built-in Bluetooth • WIRESS-X Portable Digital Mode/Fixed Node with HRI-200



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

- 80 watts of RF power • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FTM-200DR | C4FM/FM 144/430MHz Dual Band

- 1200/9600bps APRS® Data Communications • 2" High-Res Full-Color TFT Display • High-Speed Band Scope • Advanced C4FM Digital Mode • Voice Recording Function for TX/RX



FTM-500DR | C4FM/FM 144/430MHz Dual Band Xcvr

- Front Firing Acoustically Enhanced Speaker System • True Dual Band Operation, C4FM/C4FM Digital D-D Dual Receive • 2.4" High-Resolution Full-Color Touch Panel Display • Built-in High Precision GPS Receiver • Wireless Operation Capability with Optional Bluetooth® Headset

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

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



FT-5DR C4FM/FM 144/430 MHz Dual Band

- High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-in Bluetooth® Unit • Built-in High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot



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



FTM-600R | 50W VHF/UHF Mobile Transceiver

- All New User Operating Interface-E20-III (Easy to Operate-III) • Robust Speaker Delivers 3W of Clear, Crisp Receive Audio • Detachable Front Panel Can Be Mounted in Multiple Positions • Supports Optional Bluetooth® Wireless Operation Using the SSM-BT10 or a Commercially Available Bluetooth® Headset



- 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

ANAHEIM, CA
(800) 854-6046

PORTLAND, OR
(800) 765-4267

PHOENIX, AZ
(800) 559-7388

MILWAUKEE, WI
(800) 558-0411

WOODBIDGE, VA
(800) 444-4799

WINTER SPRINGS, FL
(800) 327-1917

SACRAMENTO, CA
(877) 882-1745

DENVER, CO
(800) 444-9476

PLANO, TX
(877) 455-8750

NEW CASTLE, DE
(800) 644-4476

SALEM, NH
(800) 444-0047

ATLANTA, GA
(800) 444-7927

Happy Labor Day. We will be closed on Sept. 4th to observe the Holiday. It has been a LONG HOT summer, but hang in there. It is almost over and COOLER weather is on the way. Stop by our website for the latest and greatest deals.

Serving you 6 days a week for all your radio needs.

Keep "Radio Active" from everyone here at HRO Phoenix.

Now serving you at our Phoenix store:

Manager Ron AJ7T, Mike K7DD, Bob W8RH, Richard K1RAB, Ira A17HC, Paul N0RWW, and Jim KE7EU.