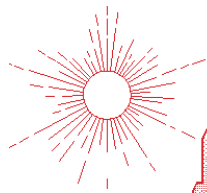


**ADAW**

10498 Monserrate St  
Elk Grove, CA 95757-1765



**ADAW**

**Arizona Desert Aire Waves**

Vol 48 No 7

July 2023

**CLUB MEETING SCHEDULE**

**SARC**

Jul 5th - 7:00 PM  
Scottsdale Senior Center

**AARC**

Jul 13th - 7:00 PM  
American Red Cross/Echolink

**AzRCCC**

Jul 11th - 7:00 PM  
American Red Cross/MS Teams

**AMO**

Jul 13th - 7:00 PM  
Via Zoom

**SuperstitionARC**

Jul 18th - 7:00 PM  
Charles K Luster Bldg

**CHRC**

Jul 8th - 9:00 AM  
Tri-City Baptist Church

**ANSR**

Jul 20th - 7:30 PM  
via GoToMeeting

**KARC**

Jul 11th - 6:30 PM  
New Hope Christian Fellowship

**OVARC**

Jul 21st - 7:00 PM  
Pima Comm. College, NW Campus

**NADXA**

Jul 4th - 6:00 PM  
Via Zoom

**YARC**

Jul 6th - 7:00 PM  
Prescott Rodeo Grounds

**TBARC**

Jul 20th - 7:00 PM  
Arizona Christian University

**ATN (VOAR)**

Postponed  
[www.whereby.com/atn1](http://www.whereby.com/atn1)

**QCWA-AZ Chapter**

TBD  
Various

**CADXA**

Jul 6th - 7:00 PM  
Bethany Luthern Church

**ARA**

Aug 24th - 7:30 PM  
Denny's - Tempe & Zoom

**CARL**

TBD  
Arizona Science Center

**SunLife ARC**

Every Monday - 10:00 AM  
Via Zoom

**MARCA**

Jul 18th - 6:30 PM  
Denny's - Tempe & Zoom

**MARA**

Jul 1st - 9:00 AM  
Maricopa Public Library

**WVARC**

Jul 3rd - 7:00 PM  
Shepherd of the Desert  
Lutheran Church/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](http://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](http://www.scottsdalearc.org)

## ARIZONA NEAR SPACE RESEARCH

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

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

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

**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](mailto:info@w7tbc.org) or call 602.938.8219. The Thunderbird Amateur Radio Club is a 501(c)(3) non-profit organization. Mailing address: PO Box 11394, Phoenix, AZ 85318-1394.

## 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](http://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](http://chandlerhams.org) for dates and presentation topics of club meeting. Weekly net is held every Thursday at 8:00 PM on 443.050+ PL100.

President	Dave Hoffman	KJ4RS	pres@chandlerhams.org
Vice President	Debbi Smith	KJ7MIQ	vp@chandlerhams.org
Secretary	Cary Gielniak	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](mailto: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 Raczynski	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](mailto:kachinainfo@drwilx.com) Testing Info: White Mountain V.E. Team: [VEtesting@cableone.net](mailto:VEtesting@cableone.net). Dues are \$15/yr for individual; \$25/yr for family. Membership is January 1 - December 31. Website: [www.kachinaarc.org](http://www.kachinaarc.org)

### ARIZONA REPEATER ASSOCIATION, INC

The Arizona Repeater Association general meeting is held the **FOURTH THURSDAY** of each month at 7:30 p.m. There are no meetings in July and December. The November meeting is held the Monday before Thanksgiving. Meetings are held at Denny's Restaurant, 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](http://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](http://SuperstitionARC.org) . For more information, send email to: [info@superstitionarc.org](mailto: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](http://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](mailto: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](http://www.cadx.org).

## YAVAPAI AMATEUR RADIO CLUB

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

President	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	Ron Levine		
	Debbie Kolman	KD7COM	
	Mike Schnell	NCTX	ka9cid@gmail.com
	Ron Shimek	W7WWB	
Past President	John Snedden	KT7P	

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

## 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](http://K7ARC.org) Email: [info@k7arc.org](mailto: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](mailto: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](http://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](http://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](http://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](http://www.atn-tv.org). Email: [wb9kmo@gmail.com](mailto:wb9kmo@gmail.com)

### WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club, an Arizona 501(c)(3) non-profit corporation, has been providing emergency communications since 1961. Meetings are the **FIRST MONDAY** of each month at 7:00 PM at Shepherd of the Desert Lutheran Church, 11025 N 111th Avenue in Sun City. The board meets on the third 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	TBD	
Board Member:	Bob Runke	AB7RR
	Mike Stevens	K7BLT
	Larry Johnson	WO7C
	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](mailto: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](mailto: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](mailto:president@arizonamesh.org)  
Vice-President: Steve Estes, KB7KWK [vicepresident@arizonamesh.org](mailto:vicepresident@arizonamesh.org)  
Treasurer: Scott Gillins, W2KP [treasurer@arizonamesh.org](mailto:treasurer@arizonamesh.org)  
Secretary: Robert Fridell, N3BZ [secretary@arizonamesh.org](mailto:secretary@arizonamesh.org)  
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*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](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](http://www.arizonaoutlaws.net).

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*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](http://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](http://www.tucsonhamradio.org) for dates.

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*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.

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

## From the Editor's Desk

Happy July!

Just in case you don't get the ARRL letter in your email inbox:

Congressmen Bill Johnson (OH-06) and Joe Courtney (CT-02) have reintroduced legislation in the US House of Representatives that would greatly benefit Amateur Radio operators. H. R. 4006 would remove private land use restrictions that negatively affect Amateur Radio operators' ability to operate and/or install reasonable antennas on their own property or property they control. This bill is very similar to H.R. 9670 which Congressman Johnson introduced in 2022.

Congressman Johnson said, "I reintroduced the Amateur Radio Emergency Preparedness Act to remove barriers to disaster and emergency communications and training, and to promote education in STEM subjects related to critically needed wireless technology."

Congressman Courtney stated, "As their actions during recent natural disasters such as Hurricane Sandy proved, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our communities' best interest that we give them the capabilities to operate at the highest level, and with the reintroduction of this bill, we've taken a strong step in that direction."

The American Radio Relay League (ARRL) strongly supports the Congressmen's efforts. ARRL President, Rick Roderick, K5UR, extended his thanks and appreciation for the Congressmen's efforts. <sup>(1)</sup>

Hope everyone was able to take part in a Field Day operation. It's always great fun and sometimes an adventure! I'd like to encourage you to take a few minutes and send in a paragraph or two (or a sentence or two) about your experience with Field Day this year.

Club editors - I challenge you to send in a report on your club's Field Day operation. Where did you hold Field Day? How many stations did you set up? What kind of activities did you have in addition to operating (like meals, campfire - if permitted, etc.)? How many attended? How many contacts were made? ADAW readers would be very interested in reading about your club's efforts. Let's see how many of the ADAW clubs rise to the challenge and send in a report.

Don't forget the Flagstaff Hamfest on July 15<sup>th</sup>. It's the last Arizona hamfest until September. Besides, it's a great way to find some treasures, visit with fellow hams, and beat the heat of the valley in July. Hope to see you there.

73 til next time,  
Christine, N7PVL

1. Source - The ARRL Letter for June 15, 2023



Our May 20th BBQ WAS A SMASHING SUCCESS!!!

The CADXA Annual BBQ Picnic was held Saturday, May 20<sup>th</sup>, at Kiwanis Park in Tempe. Thirty-one CADXA Members plus a guest or two, along with spouses and family members (49 total), were in attendance. As planned, this was a great return to the annual BBQ. Everyone had loads of fun just enjoying each other and getting caught-up with the past three or four years, plus really great BBQ catered by Waldo's BBQ in Mesa.

Door prizes were donated by The DX Store, Heil Sound, the ARRL, and Array Solutions. We really appreciate their ongoing support of CADXA! Photos are being uploaded to the CADXA website, and the logs from the K7UGA mini-special event station have been uploaded to LoTW. About 40 very leisurely contacts were made on SSB and FT-8.

A big 'THANK YOU' to the BBQ Picnic Committee for their diligent work and to all could attend. We look forward to "BBQ 2024."

NOTE: Since we held the BBQ Picnic on Saturday, May 20<sup>th</sup>, there wasn't a membership meeting in June. Our next membership meeting will be Thursday, July 6<sup>th</sup>.

Our hybrid meetings are held in-person coupled with online Zoom interaction. We meet on the first Thursday of each month starting at 7:00 p.m. Arizona time (0200Z). Before the meeting, an informal 'meet and greet' starts about 15 - 20 minutes earlier. Members, visitors, and online attendees can chat and catch up for a few minutes before the meeting. Please join us!

**In Person Meetings are held at:**

Bethany Lutheran Church  
Reynolds Hall  
4300 North 82nd Street  
Scottsdale, Arizona 85251

The church is located approximately two blocks west of Granite Reef Road, halfway between Indian School and Camelback Roads, with parking on the west side of the church campus.

Be sure and check out our YouTube videos! Do a YouTube search on "Central Arizona DX Association" or "CADXA" and you should be able to find them.

If you would like information on how to become a member, renew your membership, or have general questions, comments, or suggestions about CADXA-related matters, I am personally inviting you to contact me at: wa7nwl@gmail.com

Tnx es 73.  
John, N7NWL



**NAVAJO Link System**

The Kachina Amateur Radio Club has recently made significant progress in building onto the Navajo link system with antennas at the Brookbank site with plans to take advantage of the weather to work on other sites as well.

**LICENSING**

Our test team has been asked to provide testing at the Flagstaff Hamfest, so look us up when you are there. Our activities are around our mission objectives of education, testing, and helping prospective hams get their licenses or upgrading existing hams. Furthering technology and technical advancements and applications in communications. And community service to support emergency communications and providing public service in the region.

**VISIT US**

We would love to have you attend one of our meetings if you are in the area and have you join us. Learn more about the KARC have a look at our website or join our nightly net. More information can be found at <http://kachinaarc.org/>

**ADAW**







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](mailto:Chuck_KF7U@outlook.com)

Many of you have heard this, but in case not, I have been appointed to serve on the ARRL CAC (Contest Advisory Committee) to represent the ARRL Southwestern Division. Summer has arrived. Other than IARU and the July VHF contest, it will be pretty quiet till the end of August. I've been asked by the gentleman that runs the yearly DX Challenge competition if we'd be interested in a presentation. Although not a contest item, many contesters chase DX through contests so I may take him up on the offer for sometime after the summer months. I am also hoping we can have an in-person Roundup at the end of August. I will explore that option again soon.

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](http://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](http://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 – coax stub filters. I've used coax stub filters on my Array Solutions 6 pack in the past for high power isolation between bands. This is in addition to low power bandpass filters. W2VJN wrote a book about it and there are

*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](mailto: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](mailto: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

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### *AOCC Continued from Previous Column*

plenty of resources online. It is a frugal way to help protect your radios. If you want extra protection research this.

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 January NAQP SSB M/2, the team at ND7K (@ N6WIN) finished #1 M/2 with 2280/304 = 693,120. This is a new Overall M/2 record. The team consisted of W4IX, KI6RRN, K6JO and N6WIN. The ND7K operations have the M/2 Record for both NAQP (Jan) CW and NAQP (Jan) SSB.

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

73,

Mike KC7V

**ADAW**

## Hamfest Calendar

15 July 2023 - **Flagstaff Hamfest** - hosted by the Northern AZ DX Association will be held at Sinagua Middle School, 3950 E Butler in Flagstaff. Hours are 7:00 AM to 3:00 PM. Admission Donation \$5.00. Students with ID and those 16 years and younger are free. Tailgate spaces - \$10 per space. Tailgate set up 6:00 AM to 7:00 AM. Inside Vendor space \$20 per 10'x12' space. Vendor set up Friday noon to 4:00 PM and Saturday 6:00 AM to 7:00 AM. VE Exams, Seminars, Speakers, ARRL Forum, ARCA Annual Meeting, Repeater Owners Meeting. Talk-In on 146.98(-) 162.2 Pl. No Overnight Parking and no RVs permitted in Tailgate area due to limited space. Sorry, No guns, Drugs, Alcohol, Smoking, Vaping, or Fireworks. Only Service animals are permitted. For more information: Email [President@nadxa.com](mailto:President@nadxa.com). Web Site: [FlagstaffHamfest.org](http://FlagstaffHamfest.org)

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](mailto: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](mailto: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>.

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](mailto:fest@copafest.org) or visit the website at [www.copafest.org](http://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](mailto: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](http://northranch.escapeesrvparks.com)). For more information and questions, email Duane, KD0KYK at [djgrooms@yahoo.com](mailto: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](mailto:licensing@tucsonhamradio.org). ARRL Card Checking, Interesting Seminars, Prizes! Food Truck available for Breakfast and Lunch. Contact [hamfest@tucsonhamradio.org](mailto: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](mailto: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](http://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](http://www.quartzfest.org) for details.



**National Hot Dog Day  
July 21st**



### *CHRC Continued from Previous Column*

got a couple FLQP stations, a SOTA, and a SES. By then it was getting toasty and I was in direct sun with no sunblock or shade, so I declared victory and shut down the station.

Afterwards we toured the Titan Missile Museum. That was very interesting. Anyone with an interest in nuclear tourism, or history and technology, will come away from that tour with a profound respect. Not only respect for the weapon, but for the crews assigned to man and maintain it. The discone antenna is part of that installation.

I would do it again, but next time I would make sure I have sunscreen or a bumbershoot. Also, thanks to Ron, Rick, Bruce, and Bruce for the welcome and the conversation.

By Bert Moore K7DIP  
CHRC

The idea for members of the Chandler Ham Radio Club N7CHN to make a field trip down to the Green Valley / Sahuarita area to operate on the 80-foot tall discone antenna built by the Collins Radio Company had been brought up several months ago, but was not something that actually came together as an organized event for April 29th. Group or no group, it still sounded pretty interesting; plus the Titan Missile Museum is located there. So I took a couple of days off, packed up some essentials, radio equipment, the XYL, and proceeded to head south the afternoon of April 28th.

We had a pretty uneventful trip, except for the traffic jam a few miles before the Ina Road exit. I guess there was a vehicle fire in a construction zone, so we crawled along and made five miles in around an hour before the highway opened up to normal speeds again. Bruce KK7HTE can confirm that.

We arrived at the Vagabond Inn and had a nice dinner at Coach's a few hundred yards away. We could see the telescopes on Mount Hopkins during sunset, and I was reminded how much astronomy gets accomplished around Tucson. Then we called it a night.

The discone antenna is part of the Titan Missile Museum property. The museum opened at 0945, and I was able to get the key to the lockbox containing the RG-213 coaxial cable. I proceeded to set up on the picnic table with my Icom 706MKiig and my LDG IT-100 autotuner. Seems I read something about it being advisable to have a tuner. I know I have a tuner in my transceiver, but I just like having the external tuner.

About that time, Bruce K3BAT and Ron AA7RP from the Green Valley Amateur Radio Club showed up and introduced themselves. My understanding is that GVARC members installed the coaxial cable, but that they are not the caretakers of the antenna itself. This is the responsibility of the museum.

Shortly thereafter, our own Bruce KK7HTE showed up. I was happy to see someone else from Chandler present. We chatted a bit with Bruce and Ron, then Rick K7RCR from GVARC arrived and we chatted some more. We were doing well with the eyeball QSOs, but the day was getting warmer and I had to try that antenna.

I like to make a point of obtaining solar-terrestrial indices before operating portable ops. That day Solar Flux was 150, K Index was 3, and A Index was 19. I tried calling CQ from the discone antenna several times on 20 meters, but no response. Shucks, I thought everyone would want to work that. So I switched from prey to predator and worked a few stations. I

*Continued Next Column*



**Bruce, Rick, Suzi,  
Bruce**



**Bruce & Rick**



**K7DIP**



**Suzi DIP XYL**

**ADAW**

# 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.

## July Test Sessions

**Jul 1st** - 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](mailto:ve@chandlerhams.org)  
Walk-Ins Allowed / Registration or Call Ahead  
Register at: [chandlerhams.org/testing/](http://chandlerhams.org/testing/)

**Jul 3rd** - 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

**Jul 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

**Jul 10th** - 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

**Jul 10th** - Radio Society of Tucson -- 7:00 PM  
Immanuel Presbyterian Church, Witherspoon Hall  
252 E 22nd St, Tucson  
Contact - Diane Zimmerman 520.664.5070

**Jul 15th** - Northern AZ DX Association -- 10:00 AM  
Sinagua Middle School, 3950 Butler Ave, Flagstaff  
Contact - Mike Hanks [michael\\_hanks@hotmail.com](mailto:michael_hanks@hotmail.com)  
No Walk-Ins / Register or Call Ahead

**Jul 15th** - Hualapai ARC -- 10:00 AM  
VE's Residence, 3571 E Lum Ave, Kingman  
Contact - Alyce Ingle 425.231.9173

**Jul 15th** - West Valley Electronic Club -- 1:00 PM  
The Shack, 11115 W Nevada Ave (111th & Nevada), Youngtown  
Bring FRN, pencil & pen, and \$15.00  
Contact - David Morrill 623.680.5011  
No Walk-Ins / Register or Call Ahead / Limited Seating

**Jul 18th** - HARK -- 2:00 PM  
Congress, 30736 S Wandering Way, Congress  
Contact - Duane Grooms 602.814.9603  
No Walk-Ins / Register or Call Ahead

**Jul 18th** - 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

**Jul 19th** - 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

**Jul 21st** - Oro Valley ARC -- 5:30 PM  
Pima Community College, 7600 N Shannon Rd,  
Bldg A, Rm 208, Tucson  
Contact - David Beauschesne 831.345.3308

**Jul 25th** - Green Valley ARC -- 1:30 PM  
Green Valley Fire Dept. HQ, 1285 W Camino Encanto, Green Valley  
Contact - David Bowen 520.526.2104

**Jul 29th** - 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 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, [www.w7yrc.org](http://www.w7yrc.org).

The 2023 Prescott Hamfest was held on Saturday, May 13th, from 8:00 to 12:00 MST at Granville Elementary School in Prescott Valley. The hamfest was co-sponsored by the Yavapai Amateur Radio Club (YARC) and the Amateur Radio Council of Arizona (ARCA). The hamfest has been sanctioned by the ARRL. Arizona Section Manager, Rick Paquette W7RAP, represented the national organization.

This was the second year that we have held an abbreviated hamfest. Both fests have been successful and well attended. There is sufficient tailgating and activities to maintain interest without burning out us old timers, and keeping the youth busy.

See pictures from the Hamfest on page 14.

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

Amateur licensing tests are available in Prescott every month. Both YARC and our fellow licensing group "ARRL Ham Radio Exams" test on alternate months. YARCs next session will be on August 5, 2023. Pre-registration is highly recommended at: <https://hamstudy.org/sessions/arrl/86305/inperson>. All test sessions for 2023 are now on the YARC website or the ARRL exams page on their site.

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](http://www.w7yrc.org)

*Continued Next Column*

## Public Service Calendar

### Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Flag2GCMTBikeRide	N of Flagstaff to to Grand Canyon	08/05/2023
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
Xterra Black Canyon Trail Run	Black Canyon City	03/17/2024

To sign up for an MCECG Public Service Event: [www.mcecg.net](http://www.mcecg.net)

For information, contact Dennis Bietry - KE7EJF at 602.274.3732 - email, [ke7ejf@cox.net](mailto:ke7ejf@cox.net), or contact the Event Coordinator for the event.



#### YARC Continued from Previous Column

Our public service events for the remainder of the year are: Prescott Rodeo Parade – July 01, 2023 – Contact: John Snedden KT7P ([kt7p19@gmail.com](mailto:kt7p19@gmail.com)).

Groom Creek Classic – September 23, 2023 – Contact: Frank Bender K8FB ([fhb47@hotmail.com](mailto:fhb47@hotmail.com))

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

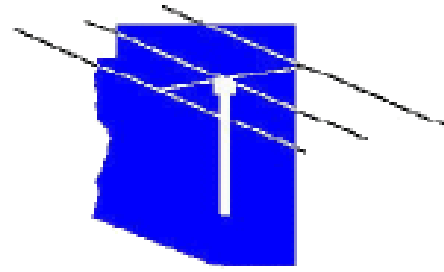
Whiskey Row Marathon – October 7, 2023 – Contact: John Snedden KT7P ([kt7p19@gmail.com](mailto:kt7p19@gmail.com)).

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](http://www.w7yrc.org)

Remember; BE RADIO ACTIVE !

# 2023 PRESCOTT HAMFEST





MARCA INC.

By the time you read this, Field Day 2023 will likely be over. In spite of the rules change allowing people to operate from home, many hams still prefer to get together and socialize and even make a few on-the-air contacts along the way. This is great and this is what ham radio is all about.

OVARC will be operating Field Day at the Oro Valley EOC. We are looking forward to getting back to this facility. Many thanks to Darren-WB1LOV for making the right connections. Thanks to David-AK2L and Logan-KE7AZ for putting together the event.

Our November 11th HAMFEST is not too far away and we are already planning the event. If you are reading this, please circle November 11th on your calendar and plan on joining us. It's an early day but a fun one too and this year we plan to step things up even more.

I am delighted to see Walt-AL7KE and Fred-W7HZ, back to 100% capacity after their recent surgeries.

Our Sunday Evening Net continues to grow. Periodically we are having a content driven net where we discuss a particular topic. This allows for everyone to get some airtime and not just listen. Andreas-W1IXQ has been masterful in getting this started. Thank you Andreas! As always, we can use additional net control stations. We can provide you with training and a script to get you started. If you are visiting the area, please check in to our net on Sunday evening at 7:30 on the Keystone Peak Repeater 146.62. See the OVARC website at [www.tucsonhamradio.org](http://www.tucsonhamradio.org) and then click on repeaters for more details.

Hamvention this year was fabulous and the attendance apparently was at all-time high. I enjoyed meeting many hams there and listening to a number of seminars. I also enjoyed some good conversation with Rick W7RAP, our Arizona Section Manager.

Although schools are on break at the moment, we are doing lots of behind-the-scenes work to re-engage with Pima Community College and get the club off the ground once the fall semester begins. Thank you to Gerry-KK7HTF and the great support from the college and from our faculty advisor there. Stay tuned for more.

Enjoy your summer and perhaps I will see you at the Flagstaff Hamfest.

73, Steve – W1SR

**NOTICE: NEW LOCATION!** Our meetings are going to be at the 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 the 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.)

In May, we ended up at this location as the other Denny's, near Sky Harbor Airport, was closed. Despite the last minute change of venue, we still had three "candidates" take the license exam. Two were seeking new Technician Class licenses, and one was seeking to upgrade to a General Class license. All three passed! Congrats to them!

For whatever reason (maybe the last minute change in venue had something to do with it), we had no speaker at the May meeting.

We can give the license exams for all three levels of license, Technician Class, General Class, and Amateur Extra Class before our general meetings. The exam sessions start at 5:00 PM, but you do need to pre-register for the exams, and there are some other requirements. Please go to our website [w7mot.org](http://w7mot.org) and check under the "Activities" tab for "License Exams Sessions."

Anyone interested in Amateur Radio is welcome to join us for our meetings, either in person or via Zoom. Details can be found on our website [w7mot.org](http://w7mot.org)

Clark Jones, KI7TU





NADXA is a club that promotes DXing, contesting, special events, and furthering the goodwill of amateur radio. Some of our scheduled events are:

**Field Day – June 24 – 25** We will set up our club trailer in the parking lot of the east side, Flagstaff, Home Depot. Visitors, both seasoned and rookies, are welcome to come out to operate or just visit and see what Field Day is all about.



**Flagstaff Hamfest – July 15, 2023** – Yes we are bringing a hamfest back to northern Arizona at Sinagua Middle School, 3950 E. Butler in Flagstaff. There will be VE Exams, Seminars, Speakers, ARRL Forum, ARCA Annual Meeting, Repeater Owners Meeting, Talk-In on 146.98(-) 162.2 PI, Food and Drinks will be available. Grand prizes – Icom 7300, antenna analyzer, and 50 Ah LiFePo4 battery. Prizes Galore When You Come Through the Door (Over \$4,000 in hourly prizes.) Don't miss this! For all the info, visit the web site at <https://www.flagstaffhamfest.org>

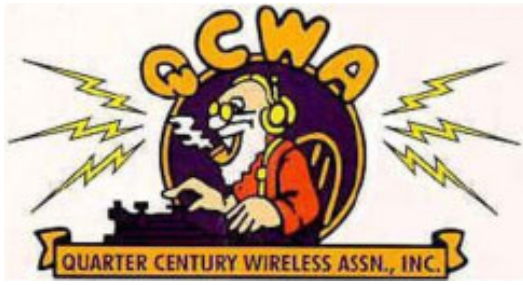


**Route 66 On the Air – Sep 8 – 17, 2023**



NADXA will be operating 3 of the 21 stations along the old Route 66 between Chicago, IL and Santa Monica, CA. We will have the club trailer in full operation using the newly installed solar powered LiFePo4 batteries to drive all three stations operating CW, SSB, and FT8. Come out and join in the fun as W6T operates from Bellemont and Parks, AZ. Complete information will be posted on QRZ W6T



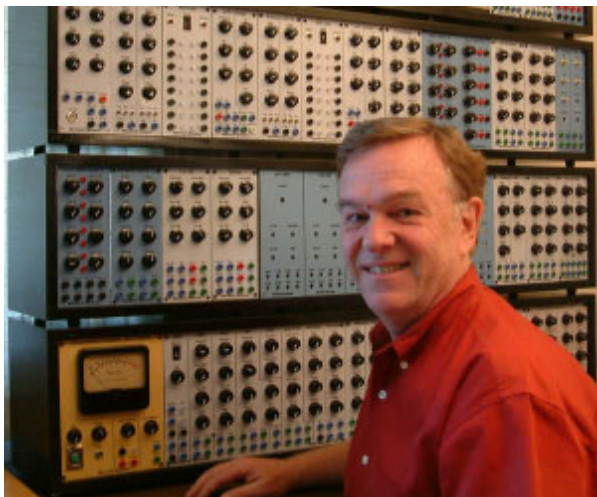


**CHAPTER 16  
BARRY M. GOLDWATER ARIZONA CHAPTER**

**QCWA Chapter 16 Report**

On March 25, 2023, we had the QCWA meeting at the Canyon Crown Restaurant in Tucson, Arizona after the Tucson Hamfest. In attendance was (from Left to Right) Tom Fagan, K7DF President; Carl Foster, KB7AZ Sec/Treas.; Michael Perrett, K7HIL; Bob McCuskey, W7BV; Richard Bruns's XYL; Richard Bruns, K7VQ; Ron Jones, K7RJ; and Harold Hallikainen, W6IWI. Bob, W7BV was celebrating 70 years of Amateur Radio.

Missing was our past president, John Marshall, WA7BSR who became a silent key on Nov 21, 2022. He was a QCWA Life member #23265. John had been president of the Arizona Chapter 16 from 2018 to 2020 and vice president from 2014 to 2018.



Tom, Carl, and Randy Burcham, KD7KEQ helped Cornell Drentea, KW7CD pack up to move to Birmingham, Alabama to be closer to his daughter. Cornell designed and built one of the best HF transceivers. The "Star-10 Transceiver" was featured in QEX, Nov/Dec 2007, Mar/Apr 2008, May/June 2008. The articles can be found online. Cornell is also the author of several books including "Modern Communications Receiver Design and Technology" and "Radio Communications Receivers." We will miss having Cornell in town and at our meetings.

We are looking for other meeting locations around Arizona. Let us know if you have a restaurant with a meeting room.



Thunderbird Amateur Radio Club (TBARC) was formed in the summer of 1995 by a group of hams from the Honeywell Amateur Radio Club at Honeywell International on Black Canyon Highway in Phoenix. TBARC filed as a Domestic Nonprofit Corporation with AZ Corporation Commission on August 1, 1995. AS of Oct 2018, TBARC is a 501-c-3 Non-Profit. Over the years, TBARC held meetings at a local car dealership, Thunderbird International School of Management, NAU Phoenix, and currently we meet at Arizona Christian University in Glendale.

TBARC has supported John C Lincoln Hospital for Ecomm and added the John C Lincoln North Deer Valley and today HonorHealth System since 1995. The Club has VHF and UHF linked repeaters on the White Tanks and standalone VHF on both John C Lincoln and Deer Valley hospitals. TBARC does training and Laurel VE testing for new and advancing hams. We manage a yearly Hamfest on the 2nd Saturday of January. Activities and events include Field Day, AZ QSO party, SOTA/POTA activations, Fox Hunts, and Field Trips.

73,  
Warren KC0GU



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***CHRC Continued from Previous Column***



**CWA Meeting  
2023-03-25  
Tucson, AZ**



**General Meeting Tuesday, July 18, at 7:00 PM**

Please see Page 3 of this issue for the address and related information. Visitors are always welcome to attend our meetings. ARRL Field Day results will very likely be a topic.

**Superstition SuperFest is Saturday, Dec 2, 2023 at MCC**

Put on by the Superstition ARC, the SuperFest is an annual First Saturday event every December. Unfortunately, I have no new developments to report at press time for July. I hope to have more information next month.

Please see our new flyer in the Hamfest attachment to this ADAW. I included new contact info in the flyer.

**Breaking | New Member Kris KB0KVJ SK**

With great sadness, I report to our club members that Kris KB0KVJ suddenly became a Silent Key this past Sunday. Although new to the club, she attended every meeting and was one of our morning Drive Time trivia hosts. She will be and is already missed. Keep Kris and her family in your thoughts and prayers. Kris was a snowbird. She and her husband just returned to their home state of Minnesota. If we get any further information, we will pass it along.

Also, our Webmaster, Fred WB4AEJ, was involved in a bad traffic accident on Monday night. Keep Fred in your prayers, and we hope he has a fast recovery.

— From Steve KB7KWK on Tuesday, June 13 (Club Email)

**June President’s Corner** Steve KB7KWK

I hope everyone is staying cool. We have been lucky this year so far. It’s already the end of May and we have only hit 100 degrees two times. It has been awesome seeing all the new club members at the meetings. At this month’s meeting we had seven new members and a couple of visitors. I want to thank Dave, KC7MAD for giving his presentation on terms that we use in amateur radio and what they mean. I bet even some old timers learned something. We will continue to bring great presentations to our club meetings.

Some of you have been asking about the club websites. The reason that there have not been any recent updates to the site is because the Board has decided to hire a company to rebuild the site. The new site will have the look and feel that our past webmaster, Dale N7QJK, built a few years ago. The new site will be updated with modern web design. We are working to get the Superfest site up as soon as possible then work on the main site. We want to get the Superfest site up first so we can start selling tickets.

**Superstition Continued from Previous Column**

The club will be back out at Organ Stop Pizza this year. We have this event each year in July. This is a social event where all club members can get together and meet each other and their families. There is great organ music and we usually acknowledge club members who have done the most for the club up to that point. This event will be on Saturday, July 22nd from 12:00 noon until 2:00 p.m. Cost is \$9.75 per person for all you can eat pizza and a salad. Drinks are separate. Last year we had a full house and I hope to see that again this year. Please email [k7yeg@superstitionarc.org](mailto:k7yeg@superstitionarc.org) and let Matt know how many people are in your party so that the Organ Stop crew makes enough pizza for everyone.

73 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](mailto:Editor@SuperstitionARC.org) with your input by June 27th. The Communicator will publish to club members in early July.

This publication: Please email [WB7C@SuperstitionARC.org](mailto:WB7C@SuperstitionARC.org) with your input by July 5th. The August ADAW will publish to club members in late July.

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, 8:00PM, 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.

# No Reports Received



## AMATEUR RADIO SERVICE DEMONSTRATION STATION



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



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.



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### 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-3000R | 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-2000R | C4FM/FM 144/430MHz Dual Band

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



### FTM-5000R | C4FM/FM 144/430MHz Dual Band Xcv

- 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<sup>®</sup> Headset

### FT-700R C4FM/FM 144/430MHz Xcv

- 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<sup>®</sup> 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-6000R | 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<sup>®</sup> Wireless Operation Using the SSM-BT10 or a Commercially Available Bluetooth<sup>®</sup> Headset



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

**YAESU**  
The radio

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SACRAMENTO, CA (877) 892-1745	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

As we celebrate our nation's independence, let us remember our past leaders who lost their lives battling for the freedom we are all enjoying today. Happy 4th of July from everyone here at Ham Radio Outlet in Phoenix. We will be closed on Tuesday, July 4th in observance of the Holiday.

Now serving you at our Phoenix store:  
Manager Ron AJ7T, Mike K7DD, Bob W8RH, Richard K1RAB, Ira A17HC, Paul N0RWW, and Jim KE7EU.