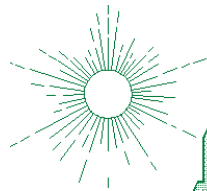


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



Happy St. Patrick's Day



ADAW

Arizona Desert Aire Waves

Vol 43, No 3

March 2018

CLUB MEETING SCHEDULE

CLUB MEETING SCHEDULE		QCWA March/April TBD Tucson Area 11:00 AM	WVARC Mar 5th St Clement Catholic Church Social Hall 7:00 PM
SARC Mar 7th Scottsdale Senior Center 7:00 PM	AARC Mar 8th Red Cross Bldg. - Phx 7:30 PM	SuperstitionARC Mar 20th Charles K Luster Bldg 7:00 PM	ARA Mar 22th Denny's Restaurant - Tempe 7:30 PM
OPRC Mar 14th Marshall Conference Ctr at Tucson Medical Ctr 7:15 PM	TBARC Mar 15th North Phoenix Campus Northern Arizona University 7:00 PM	MARCA Mar 20th Denny's Restaurant - Tempe 6:30 PM	MARA Mar 3rd Maricopa PD Community Rm 9:00 AM
MCCARC Mar 5, 12, 19, 26 Mesa Community College Tech Bldg 7:00 PM	CADXA Mar 1st PERA Club 6:00 PM	ANSR Mar 15th via GoToMeeting 7:30 PM	YARC Mar 1st Mile High Middle School 7:00 PM
		OVARC Mar 16th Ascension Lutheran Church 7:30 PM	TCARA Mar 19th Goodyear City Hall 7:00 PM

ADAW Member Clubs

ARIZONA AMATEUR RADIO CLUB

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

President	Gary Hamman	K7GH	602.996.8148
Vice President	Joe Cutitta	W0SL	623.215.2226
Secretary	Reinhard Geissler	K7RGG	
Treasurer	Bob Hodges	K7JJT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Bob Hodges	K7JJT	602.375.9982

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

SCOTTSDALE AMATEUR RADIO CLUB, INC.

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

President	James Wasson	N7ELL	480.456.1154
Vice President	Kelley Law	KF7ZVL	
Secretary	Paul Jorgenson	KE7HR	
Treasurer	Alan Jensen	KE7FSD	
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Jerry Jacques	KE7GYM	480.239.8679
At-Large	Dreux Jacques	W7EMU	
	Louis Schmitt	NQ7I	
	Judy Jensen	KE7IXI	480.773.8452
	David Yee	N7AJR	
	Paul Jorgensen	KE7HR	
	Ed Nickerson	WU7S	480.949.5162
	Charlie Brown	NJ7U	
	Bill Kouchis	N9EIV	

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

ARIZONA NEAR SPACE RESEARCH

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

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

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

THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at North Phoenix Campus of Northern Arizona University located at 15451 N. 28th Avenue (near I-17 and West Greenway Road). The meeting is held in room 147. See the website (<http://w7tbc.org>) for a map and more details.

President	Brian McCarthy	AK7F	623.670.0410
Vice President	Chris Johnson	K6OZY	623.866.2777
Secretary	Gary Cline	AF7BJ	
Treasurer	Darren Johnson	AF7CO	
Board Members	Clair Wyant	KG7MAJ	
	Wayne Hale	W6IZK	
	Robert Fairfield	K7RQN	
	Andrew Cornwall	KF7CCC	
Past President	Gary Duffield	WK7B	602.843.7724

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 32544, Phoenix, AZ 85064-2544.

OLD PUEBLO RADIO CLUB

The Old Pueblo Radio Club meets the **SECOND WEDNESDAY** of March, June, September and December at 7:15 p.m. in the Marshall Conference Center at Tucson Medical Center. Visitors are welcome.

President	Ron Kalish	N7SPW	520.207.3852
Vice President & Treasurer	George Devich	N9IUK	520.760.0125
Board of Directors:	Cliff Hauser	KD6XH	
	Jim Ulmer	KC7THU	
	Lin Donnelly	KF7CNR	
WebMaster	Ted Willis	AA7HX	520.790.3828
		(www.oprc.org)	
Trustees:	(all repeaters operating under the K7TRA call)		
Primary	Cliff Hauser	KD6XH	
		146.660, 146.820, 147.220-	
	Paul VanBeverhoudt	KA7LFX	224.06+
Secondary	Ted Willis	AA7HX	146.66-
	Ralph Turk	W7HSG	146.82-
	Paul VanBeverhoudt	KA7LFX	224.06+

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

AZ RED CROSS COMMUNICATIONS CLUB

The Arizona Red Cross Communications Club meets at the Red Cross Building located at 4747 N 22nd Street in Phoenix. The group meets at emergency drills and at the call of the officers.

President	Frank Engstrom	KB7IQ	480.209.7300
Vice President	Larry Buchanan	AA0LB	623.703.9161

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



ADAW Member Clubs

BARRY M GOLDWATER, ARIZONA CHAPTER QUARTER CENTURY WIRELESS ASSOCIATION

The Barry M Goldwater Arizona Chapter of the QCWA includes amateurs from all over Arizona. Four luncheon meetings are planned each year. The meeting months and locations are announced by newsletter, but generally follow the following schedule:

Spring Meeting	March/April	Tucson Area
Summer Meeting	June/July	Prescott Area
Fall Meeting	October	Phoenix Area
Holiday Meeting	December	Carefree Area

The AZ Chapter meets on the air every Sunday morning at 0700 MST (0730 during December and January) on 3890 +/- QRM. During December and January, the net time is moved to 0730 MST.

President	John Marshall	WA7BST	623.334.2583
Vice President			
Secretary			
Treasurer	Dave Hanson	W7BJ	w7bj@outlook.com
Webmaster	John Marshall	WA7BSR	623.334.2583

Web Site: <http://azqcwa.org> Email: azqcwa@gmail.com.
DUES: \$7.00/year and current national QCWA membership.

MINGUS MOUNTAIN REPEATER GROUP

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

President	Bob Sitterley	K7POF	928.636.2146
Vice President	Ray Tyrrell	N6MY	n6my73@gmail.com
Treasurer	Bob Sitterley	K7POF	928.636.2146
Secretary	Lori Cripps	WA7EDI	602.955.7517

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

MARICOPA AMATEUR RADIO ASSOCIATION

The Maricopa Amateur Radio Association (MARA) meets the **FIRST SATURDAY** of each month at 9:00 a.m. at Maricopa PD Community Room, 17985 N Greythorn Dr. in Maricopa.

President	Steve Miller	W6SDM	602.290.1603
Vice President	Chris Canevit	W7CGC	
Secretary	John Wiltberger	NO7IN	
Treasurer	Curt Steger	NA7CS	520.568.9471
Board Members:	Ronald Beasley	KG7MUV	520.568.4880
	Bob Howard	W8RH	520.709.6176
	David French	N7FAN	480.430.9426
	Dale Dallon	KB7DD	
	Greg Harding	KG7VNZ	
PIO:	Steve Miller	W6SDM	602.290.1603
Webmaster:	David French	N7FAN	480.430.9426

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

WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club is an Arizona 501(c)(3) non-profit corporation. Meetings are the **FIRST MONDAY** of each month at 7:00 PM in the St Clements Catholic Church Social Hall located at 15800 Del Webb Blvd., Sun City. The board meets the third Tuesday of the month at Lou's Trivoli Gardens, 12535 W Bell Rd, Surprise at 7:00 PM. The Emergency Preparedness Group meets the third Monday of the month at 7:00 PM at Boswell Hospital. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. The preparedness net is held the last Friday before the monthly Monday night meeting at 8 pm on the NY7S repeater 147.300 MHz, Tone 162.2 Hz. A weekly breakfast is held on Thursdays at Lou's Trivoli Gardens, 12535 W Bell Rd., at 7:00 AM.

President	Jim Rogers	N7YTI	623.214.9219
Vice President	Harry Scholz	AF7UT	623.878.0587
Secretary	Sharon Blaylock	KI7DOK	623.584.6974
Treasurer	Geoff Bock	KB7QFP	708.723.7757
Club Directors:	Bob Paul	KG7FIL	623.252.0149
	John Siepmann	N9NA	623.266.8333
	Tom Connor	W7TLC	623.444.7956
	Nancy Collins	KG6QWW	623.398.5286

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://www.westvalleyarc.org>.

SUPERSTITION AMATEUR RADIO CLUB

The Superstition Amateur Radio Club meets at 7:00 p.m. on the **THIRD TUESDAY** of each month (except December) at the Charles K Luster Building, 640 N. Mesa Drive, Mesa (use the glass door on your left at the main entrance). Visitors are welcome. Board meetings are held at 6:30 p.m. on the second Tuesday of each month (except December) at Black Bear Diner, 1809 E. Baseline Road, Gilbert.

President	Steve Estes	KB7KWK	480.251.0551
Vice President	Andy Keels	KD4ABB	602.809.3561
Secretary	Brent Butler	W7FK	480.332.1141
Treasurer	Douglas Mitchell	W7ADD	480.540.4110
Board Members:	Dan DeVliieger	KC7MSU	480.335.4914
	Dan Karnes	W7TWR	602.502.5259
	Don Rollock	W2EUL	w2eul@yahoo.com
	Jeff Harris	K2DFE	602.617.6930
	Jeff Heinze	N7CCW	480.720.7908
	Jeff Marchesky	K7ZLX	602.628.0238
	Larry Fort	AB7C	480.861.7066

Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277. Web Site: SuperstitionARC.org and SuperstitionSuperFest.org. The Superstition Amateur Radio Club is a 501(c)(3) non-profit organization. For club information, please send email to: Communications@SuperstitionARC.org.



ADAW Member Clubs

MARCA, Inc. / W7MOT

MARCA is an Arizona 501(c)(3) Non-Profit organization. The club call sign in W7MOT. Membership is open to all amateur radio enthusiasts. Meetings are held the **THIRD TUESDAY** of each month at 6:30 p.m. at Denny's Restaurant located at 825 S 48th Street in Tempe (SE corner of University & 48th Street). Monthly presentations cover a broad spectrum of interesting subjects. Visitors are welcome to attend. Come early for dinner and socializing. Repeater Problem Reports are encouraged. A Repeater Problem or Comment Reporting is available at <http://www.w7mot.org/index.php/repeaters/report-a-repeater-problem>. Site Managers and officers will take reports for any W7MOT repeater. Contacts are found on website. Club activities include providing voice, aprs, packet, DStar, and Fusion repeaters Central Arizona; ARRL Field Day, special interest groups in SDR, APRS, antennas, digital modes, and SBC applications.

President	Norm Johnson	AA7OO	480.278.2886
Vice President	Dave Hall	N7ZPY	
Treasurer	Don Aldridge	WA7RLL	
Board Member	David Yee	N7AJR	
Trustee:	Norm Johnson	AA7OO	480.278.2886
Webmaster:	Norm Johnson	AA7OO	480.278.2886

MARCA, Inc., PO Box 28246, Tempe, Arizona 85285. Membership dues \$25 annually. See our website (<http://w7mot.org>) for more information about meeting schedules, membership, repeaters, library, and club activities.

ARIZONA REPEATER ASSOCIATION, INC

The Arizona Repeater Association general meeting is held the **FOURTH THURSDAY** of each month at 7:30 p.m. There are no meetings in July and December. The November meeting is held the Monday before Thanksgiving. Meetings are held at Denny's Restaurant, 825 S 48th Street, in Tempe, near SR 143 and University Drive. Visitors are welcome. Come early for food and social time before the meeting starts. For further information about the ARA, including repeaters, site status, and the tech/board meeting, please visit our web site at www.w7ara.org.

President	Brian McCarthy, AK7F	ak7f@w7ara.net
Vice-President	Erv Heimbuck, K0OTZ	k0otz@w7ara.net
Treasurer	Cole Cunningham, AA7RD	aa7rd@w7ara.net
Secretary	Jim Hoff, N7XXX	n7xxx@w7ara.net
Board Members:		
	Lance Halle, KW7LH	kw7lh@w7ara.net
	Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
	Doug Pelley, WB7TUJ	wb7tuj@w7ara.net
	Joe Godfrey, AE7JG	ae7jg@w7ara.net
	Dennis Campbell, AE7WU	ae7wu@w7ara.net
	Mike Montalvo, KF7MBK	kf7mbk@w7ara.net
	Marty Dusenberry, KE7DGP	ke7dgp@w7ara.net
	James Wasson, N7ELL	n7ell@w7ara.net

For Membership Information, contact (Mike Montalvo, KF7MBK membership@w7ara.net) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit <http://w7ara.org/mbr/Membership.aspx>. DUES: \$18.00/yr. (Jan. 1 through Dec. 31) with a one-time initiation fee of \$10.00. Life and family memberships are available.

YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at the Mile High Middle School located at the end of W Carleton Street west of Montezuma Street (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	Kathy Laing, KJ6KMK	president@w7yrc.org
Vice-President	Joe Thomas, KG6IDN	vice_president@w7yrc.org
Secretary	Art Jackson, KA5DWI	secretary@w7yrc.org
Treasurer	Mike Reid, N7IEP	treasurer@w7yrc.org
Board Members	Frank Bender, K8FB	k8fb@w7yrc.org
	Don Bauer, WB7TPH	wb7tph@w7yrc.org
	Dave Hanson, W7BJ	w7bj@w7yrc.org
	John Laing, K7PRS	k7prs@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

ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Ascension Lutheran Church located at 1220 W Magee Road in Tucson. (June is normally Field Day. December is annual Christmas Party and date and location varies.) Visitors are welcome. Board Meetings are held at 9:00 a.m. at the Oro Valley PD Substation EOC on Tangerine Rd (next to WalMart) in Tucson. Check the web site at www.tucsonhamradio.org for dates.

President	Steve Wood, W1SR	president@tucsonhamradio.org
Vice-President	Fred Bresani, W2HZ	vicepresident@tucsonhamradio.org
Secretary	Carl Foster, KB7AZ	secretary@tucsonhamradio.org
Treasurer	Hanna Eckert, KG7TPD	treasurer@tucsonhamradio.org
Board Members	Ross Eckert, K4WBR	
	Scott Boone, K7ADX	
	Gary Pierce, WE7GP	
	George Cooley, NG7A	
	Marnee Dearman, KG7SIO	

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/>.

MESA COMMUNITY COLLEGE AMATEUR RADIO CLUB

The Mesa Community College Amateur Radio Club meets **EVERY MONDAY** of the month at 7:00 p.m. at Mesa Community College located at 1833 W Southern Avenue in Mesa. The meetings are held in the Technology Center Building 50, Room TC414 on campus. Every other meeting focuses on beginner topics to assist members in testing for the Technician license. All are welcome to join and there are no membership dues or requirements other than only MCC students may vote and hold club officer positions. Visit us at <https://www.facebook.com/KM7CC>

President	Charlie Brown	NJ7V	nj7v@arrl.net
Vice President	Nick Bratcher		thetowerpeople@gmail.com
Senator	Victor Valderram		vicau50911@maricopa.edu
Secretary	Robert Swanson		robswanson30@yahoo.com

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. Board meetings are held the last month of each quarter at the AZ Science Center. Annual meeting for all volunteers is held the **THIRD SATURDAY** of January. Watch ADAW for details.

President	Jack Landon	KD7ROB	480.759.5195
Vice President	Jim Felkey	N7BBS	480.966.7084
Secretary	John O'Neal	K7IP	480.345.7800
Treasurer	Karen McConaghy	NO7D	602.799.7338

Board Members:

Jean W4CIH	ADAW, Publicity
Steve WB4ZSC	Tech/IT, CARL/ASC Interface
Fred K9TOS	Logbook/QSLs
Tom K9TOS	At Large
Sam N7INV	Scheduling
Dave W7PMD	Hamfests
John K7JP	Teacher Packets
Bob KG7QJ	Classes, ASC Contact

Web Master, ARCA Rep - Roger Buel, W9NCQ - 602.493.7242
For information: Email to carl@w7asc.org or call Jack, KD7ROB at 480.759.5195. Web Site: <http://www.w7asc.org>

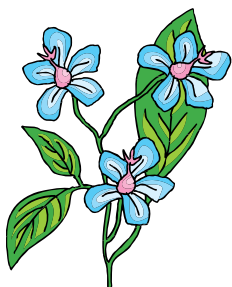
CENTRAL ARIZONA DX ASSOCIATION

The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. (except for January Awards Banquet) at the PERA Club, located at 1 E Continental Drive in Tempe. Visitors always welcome. See www.cadxa.org/meetings.html for a map. The May meeting is an outdoor barbecue at 6:00 p.m. (reservations required).

President	Lee Finkel	KY7M	ars-ky7m@cox.net
Vice President	Fred Hoffert, III	NA2U	cwman1@aol.com
Secretary	Bill Poole	AA4Q	bill@poole.com
Treasurer	Alton Chaney	W7ACX	w7acx.480@gmail.com
Past President	Tom Kramer	NQ7R	tkramer@azci.net
Board Members	Larry Loen	WO7R	lwloen@gmail.com
At-Large	Reinhard Geissler	K7RGG	d11uf@compuserve.com

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: cadxa@cox.net. Dues are \$25 per year (\$12.50 per additional family member). For more information, DXing resources, and a membership application, visit our website: www.cadxa.org.

ADAW



TRICITY AMATEUR RADIO ASSOCIATION

The TriCity Amateur Radio Association meets the **THIRD MONDAY** of the month at 7:00 p.m. in the Goodyear City Hall Conference Room located at 190 N Litchfield Road in Goodyear. Parking is available on the west side of the building. (A social gathering is held at Village Inn at 2700 N Litchfield Road after the meeting.) Weekly Rag Chew every Wednesday at Village Inn (2700 N Litchfield Road) at 2:30 p.m. All hams are welcome. Weekly net is held Wednesday evenings at 7:30 p.m. on 446.400 MHz (PL 100 Hz). Events are posted on our Yahoo Group page at <https://groups.yahoo.com/neo/groups/TRICITYARA/info>

President	Bob Nobis	N7RJN	n7rjn@nobis.net
Vice President	Open		
Secretary	Carol Melton	AF7N	ak7n@azsnaps.com
Treasurer	Arnold Knack	KA7AOK	ka7aok@gmail.com

TriCity ARA, P O Box 6293, Goodyear, AZ 85338-6293. DUES: \$18.00/yr. for individuals, \$25.00 for family. Web Site: <http://tricityara.org/index.htm> (currently under construction).

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

ADAW



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

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From The Editor's Desk

Winter has returned to the Valley of the Sun. Sort of . . . well, at least it feels like it for us. The much needed rain in the valley, and snow in the high country, was a blessing after the unusually dry and warm temperatures we had been experiencing. It was a wonderful change of pace.

This month ADAW welcomes the TriCity Amateur Radio Association to the ADAW family. TCARA's main focus is to provide backup emergency communications for the communities of Goodyear, Avondale, Litchfield Park, and the surrounding areas. They are an active group with a weekly "Rag Chew" at Village Inn in Goodyear, a weekly net, and monthly meetings with some very interesting topics. Information about the club is on page 5 and their column is on page 7 of this month's ADAW.

Hope at least some of you made it to the 2018 ARRL Southwestern Division Convention/Yuma Hamfest. Initial reports are that it was a great success. If you got a chance to attend, why not jot down a few lines about your impressions and send it to ADAW. Those of us who could not go to the event would love to read about it.

There are two hamfests in March for you to consider attending. The first is the annual SpringFest in Scottsdale. This event will be held on March 17 at the Illuminate Community Church located at 17705 N Pacesetter Way in Scottsdale (same place as last year, just a different name for the church). The hamfest opens at 7:00 AM and vendors may start setting up at 6:00 AM. There's a \$5.00 per person admission fee and tailgating is \$20.00 for two parking spaces. This is always a great event. For more information, go to the web site at www.scottsdalearc.org.

The second event is RST's Tucson Spring Hamfest on March 31. This event will be held in the Target parking lot located at 9615 E Old Spanish Trail in Tucson. The hours are 7:00 AM - 11:00 AM with seller set up beginning at 6:00 AM. There's no admission charge and seller spaces are just \$10.00 per space. For information and a map, visit <http://www.k7rst.org>

That's about all from me this month. Hopefully you'll be able to attend one of the great events scheduled for March. You'll have a good time no matter which you choose.

73,
Chris, N7PVL



ADAW



This is our first Tri City ARA article for ADAW and we are looking forward to sharing ideas with other clubs in the coming months. Our club mainly supports hams in Avondale, Goodyear, Litchfield Park, Buckeye and adjacent cities.

The January meeting of the Tri-City ARA was held at Goodyear City Hall on January 15th (Third Monday of the month). The January meeting of our club is traditionally a planning meeting where we discuss ideas and plans for future club meetings. Plans for 2018 include discussions and presentations on HF Digital Communications such as JT65 and FT8, Dealing with HOAs, Emergency Communications, Setting up and Operating Digital VHF/UHF repeaters, “hot spot” setup and operation, to name a few.

Members of our club are currently working with Abrazo West Hospital to relocate the KG7HBZ D-Star repeater to the hospital. Longer term, we are looking at the possibility of making this a “multi-mode” repeater that supports multiple digital modes, as well as FM. Additional member activities include building and setting up ZUMspot and OpenSpot “hot spots” for use in connecting to DMR and D-Star networks. These will allow members that do not have direct line of sight to repeaters due to mountains in the west valley. Several of our members are also involved in emergency communications, as well as with providing communications support for some of the sports events in the southwest valley. Many of our members also participate in the Palo Verde Siren Testing. Several members of our club are going to the Yuma Hamfest on February 16th and 17th and have indicated they are going to win the grand prize. We shall see . . .

Members of our club meet for pie and coffee (or tea/soda) every Wednesday at 2:30 p.m. at the Village Inn on 2700 North Litchfield Road in Goodyear to rag chew, share ideas, and to solve world problems. Everyone is welcome to come and join us.

73,
Bob Nobis – N7RJN

There’s plenty going on at OVARC and with our expanded focus there’s something for everyone.

Our January Operating event was held at the Titan Missile Museum in Green Valley. With permission from the Green Valley Amateur Radio Club, we were able to use the discone antenna onsite. Our thanks to GVARC for accommodating us. Our first contact was on 20-meter SSB with an ON7 in northeast Belgium. He had not only visited Tucson in the past, he had actually been to the Museum and taken the tour! He asked whether we were using the discone and he was as thrilled as we were to tell him we were indeed using the big antenna to make the contact. Small world, thanks to ham radio!

In January at our Annual Meeting, five board members were reelected for another 2-year term. Congratulations go to Hanna Eckert, Ross Eckert, Carl Foster, Fred Bresani, and Gary Pierce. My thanks goes to each of them for volunteering their time to help the club. Immediately following the meeting, a short Board of Directors meeting was held to nominate officers for 2018. Scott Boone was elected Vice President. Reelected were the following: Steven Wood – W1SR President, Carl Foster – AB7AZ Secretary and Hanna Eckert – KG7TPD Treasurer.

Our March event will commemorate the Battle of Picacho Pass, the westernmost battle of the American Civil War. We will use special event call sign K7T running SSB, PSK, FT8 and CW modes on HF bands. The operation will take place at the Ironwood Group Area at Picacho State Park. Grillmeisters Ross - K4WBR and Fred - W2HZ promise a hot lunch like the one provided at our Oracle SPouting in November. Bring your radios, antennas, and family if you wish. OVARC will provide the usual 100 watt HF station and laptop, capable of all modes.

Our next Technician Licensing Class is coming up soon and there is still room for more students. Spread the word if you know of any prospective hams out there. Also beginning in March, our soldering classes are filling up nicely.

73, Steve, W1SR





Open House

**March 8, 2018
6:30 PM**

**American Red Cross Building
4747 N 22nd Street
Phoenix, AZ**

**Hosted by
Arizona Amateur Radio Club
and
American Red Cross Communications
Club**

**Come and join us for an evening of
socializing. Tour the Red Cross Com-
munications Center and Mobile Unit.**

Refreshments will be served.

Everyone is welcome.

AARC & ARCCC



The February 8th meeting of the Arizona Amateur Radio Club featured an interesting and informative program by Steve Tolnai, W7WSV, about his new Antenna Analyzer, the Rig Expert. He explained what it does and its basic theory of operation. He then showed measurements he has made. He also had a few demo examples to show the analyser in operation. At the meeting, we also got a report on the recent Quartzfest.

As usual, Lori, WA7EDI, brought some munching goodies to our meeting. Since President Gary Hamman and Activities Manager Lori Cripps just returned from Kona, Hawaii, Lori brewed some coffee made from coffee beans they bought at a coffee farm there. Kona coffee CERTAINLY tastes different than Folgers. After the meeting, Gary took a few minutes to show some very impressive night video he took of the active Kilauea Volcano in Volcano National Park about ten days prior to the meeting.

At the meeting, it was decided to start our meetings and the net at 7:00 PM rather than 7:30 PM beginning in March. Meetings are held the second Thursday of each month at the American Red Cross Building, 4747 N. 22nd Street in Phoenix. Remember to check in to the Thursday night net on all Thursdays when there is no club meeting. The net is held at 7:00 PM except on the second Thursday of the month when we have our monthly club meeting. The net uses the repeater of Lee Walters, W7UXZ, at 147.060 MHz. We also have an Echolink connection for the net. If you prefer to check in or listen via Echolink, connect to W7IO-R.

Remember to renew your club membership for 2018 with Bob Hodges, K7JJT, 15214 N. 7th Place, Phoenix, AZ 85022.

For the March 8 meeting, our club and the American Red Cross Communication Club (ARCCC) will have a joint "Open House" meeting to encourage those who haven't been active participants to come and get acquainted with the rest of us and to see the two operating stations in the Comm Radio Room. We will have some dessert items and Kona coffee available. For this special meeting we will begin socializing a little earlier - 6:30 PM - and have our regular meeting after that. Come and bring friends.

73,
Lori, WA7EDI

ADAW



The Amateur Radio Public Service demonstration station

The Pompeii exhibit at the Arizona Science Center continues to draw large crowds to the Center. Some of these visitors find their way to the W7ASC Ham Shack. The Volunteers on duty have been very busy. If any reader had been thinking about volunteering, this would be a great time to turn thought into action. While the Station is “normally” staffed by two volunteers, this added activity has kept three volunteers very busy. The Morse code keys are rarely silent. The radios are staying unusually warm. At almost any time, there are groups of visitors clustered around the station. When added to the school busloads of enthusiastic youngsters, and the usual family groups, these added crowds, many first-time visitors, the activity level is really stimulating.

The visitors fall into distinct categories. There are those who never heard of Amateur (a.k.a. Ham) radio and are mildly curious. Then there are those who confuse the Station with CB! Yes, there are still such people. A substantial number of visitors express long-standing interest in Amateur radio. These people bombard the Volunteers with probing questions. “What does Ham radio cost?” “How do I get a license?” “What should I buy, and when should I buy it?”

A significant number of licensed Hams stop in. Few of them had any idea that the station existed. Some are even interested in volunteering!

Many are either new to Arizona, or new to Ham radio. Some of them have gear, but are not on the air. Repeaters? Clubs? Elmers? That information has not reached these people. Into that information vacuum rides ADAW! Bob, KG7QJ, sees to it that there are always copies of the latest ADAW in the Shack, ready to be handed out to these lost souls. The ADAW is a gold mine of contact information for that Ham who wants to become a part of the local Amateur radio community. Now then, here is the message:

If your club newsletter is a part of the ADAW, write it, for the next few months, with these relative Newbies in mind. Make sure that your contact information is complete and current. Do you operate one or more repeaters? Include that information. Where, and when does your club meet? We know that the West Valley runs a very popular Newbie net. Be sure to include anything like that. If your club dedicated one of your meetings to Newbies, place that information up front in your newsletter. Are any upcoming activities of special interest to

CARL Continued from Previous Column

new licensees, or new Valley residents, highlight those details. For the next few months write that newsletter for those who are not yet members.

The Pompeii exhibit will run until May, so there is a limited window during which the ADAW will have wider than normal distribution. Help to grow the Arizona Amateur radio community activity level. Increasing the number of licensees rings hollow unless they become active Hams. Do your part.

Speaking of licensees – a little girl sat down in the Shack and a Volunteer offered to give her a chance to communicate on Ham radio – the usual opening line that is used when visitors stop by. This little girl thanked the Volunteer, but announced that she often spoke on Ham radio - as she had a license! She was then ten years old and had her license for about a year. Her Dad was a Ham, you see.

Permit this Scribe to repeat, please, the invitation to operate what is probably the oldest Amateur radio demonstration station in the Valley, and possibly, even the oldest in Arizona. W7ASC has been in continuous operation for more than 20 years. There are visitors who first visited the station as children, often as part of a school group. Now they visit the station with their own children! How cool is that?

There is a general misconception about volunteering. A volunteer can be a part of the ready reserves. Once signed up and accepted, there is no requirement to establish a fixed schedule. Sam, N7INV, keeps the Shack schedule and fits Volunteers into a slot that matched their availability. C.A.R.L./ (Center for Amateur Radio Learning) would certainly wish to have all Volunteers work many hours each month, but it is not really realistic to expect that to happen! Sign up now so that you can work when it is convenient for you and your family or business schedule. Call or visit the Station for an application.

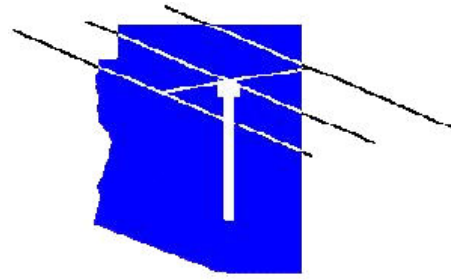
If you are not really sure what happens at the station, take the time to visit and see for yourself. Talk to some of the visitors and be prepared to be surprised by the high-level of interest in Ham radio. We hope to see you there.

Are there topics that you would like to see addressed in this newsletter? This is, after all, your newsletter. Please write or call this writer at jeanjol@hotmail.com or by phone at 480-664-7353. Or just call the Ham Shack at 602-716-2082.

73 until next month. de W4CIH

ADAW

Continued Next Column



MARCA INC.

ARA Linked Repeater Systems

This is a solicitation to all repeater users to provide some input about the ARA linked repeater configurations, now and future.

Over the last 50 years, as the number of ARA repeater sites and radios has grown, many radios have been linked to other radios at other sites. This provides great extended statewide, and beyond, coverage.

You can enjoy a QSO with your buds in Flagstaff, Show Low, Payson, etc. from you HT at home in Phoenix. You can check on the progress of your son driving in from out of state, and keep track of friends out hunting.

During emergencies, and when power fails, the EmComm folks can coordinate statewide from their HQ in Phoenix to insure best deployment of resources.

Currently we have two main linked systems; Metrolink, and Rimlink (which also links into Utah Intermountain Intertie).

One of the down sides of large linked systems, is one conversation can tie up many repeaters, potentially not making best use of limited resources. Sometimes even denying local coverage to those who need it.

Multiple smaller "arms" providing coverage in different directions might be a better choice. An option to link these systems to each other as needed during emergencies could be important. Maybe keeping at least one repeater on each site unlinked.

ARA is asking you, and the EmComm folks, for input on the linked system configuration, now and for the future. Give us your wish list to help guide ARA toward the best use and linking of the many radios/sites.

Sites include:

- | | |
|----------------------------|---------------------------------|
| Chase Tower (Downtown Phx) | Shaw Butte (N. Phoenix) |
| Daisy Mountain FD (NW Phx) | Smith Pk (Agila) |
| Mt Elden (Flagstaff) | Scottsdale Airport (Scottsdale) |
| Greens PK (McNary) | Usery Pass (Mesa) |
| B of A (Mesa) | White Tank Mt (W Phx) |
| Mingus Mt (Jerome) | Towers Mt (Crown King) |
| Mt Ord (Sunflower) | (potential new linking |
| Pinal Pk (Globe) | hub site) |

Not all link paths are doable, but give us your wish list so we can best do what the community needs and wants.

Send your suggestions, comments and wish lists to techchair@w7ara.net

No Report Received



For Sale / Wanted



PRICE REDUCED!

Partly Restored Vintage Tube-type Transmitter - \$350
Baker Williams B&W 5100B AM/CW, 80-10m, 150w(2)6146's, has built in VFO and restored dial. Included is: Matching B&W 51SB-B SSB Generator (for ssb operation). Both will need new electrolytic filter capacitors. Interconnect cables (between 5100B and 51SB-B) included. Contact: Ray, W7GNE @ 480-540-4629.

A-4 Antenna For Sale - \$450

This is an older model that does not have the stainless steel hose clamps on the elements. It is the same size and has the same features as the modern A-4S. The mast mount plate is new, and some of the elements have been replaced with stock A-4S parts. The antenna is stock - does 10, 15, & 20 meters. It does not have the 40 meter add on. It is boxed and ready to go now. Contact: Bob Howard, W8RH at 520.709.6176 voice/text or email w8rh@live.com.

The **West Valley Amateur Radio Club** has radios and ALL kinds of supplies available for sale through the club. We get some old equipment that won't sell that will be added to the items for free. Contact: Ken Jenkins, WB6MMV at kjenkins5623@gmail.com or Bob Kettler WA6MIO at rdkettler@msn.com.

Hamfest Calendar

17 March 2018 - **SpringFest** - hosted by the Scottsdale Amateur Radio Club will be held at the Illuminate Community Church, 17705 North Pacesetter Way in Scottsdale. (Vendor entrance located at 17700 North Perimeter Drive.) Hours are 7:00 AM until 12:00 noon. Vendor set-up at 6:00 AM. General Admission - \$5.00 per person. Vendors - \$20.00/2 parking spaces. Refreshments and Snacks Available. VE Testing at 9:00 AM. ARCA Meeting at 10:00 AM. Tailgating, Raffle, Hourly Drawings, and more. Talk-In - 147.180+ & 440.000+. For more information, visit the web site at www.scottsdalearc.org - on Facebook at <https://www.facebook.com/ScottsdaleARC/>. For questions, email Bill Kouchis at n9eiv@arrl.net.

31 March 2018 - **Tucson Spring Hamfest** - hosted by the Radio Society of Tucson will be held at the Target Store, 9615 E Old Spanish Trail in Tucson. Hours - 7:00 AM - 11:00 AM. Seller setup starts at 6:00 AM. \$10 per space. Free Admission and Parking. Free VE Testing - GOTA Station - QSL Card Checking - Prizes. Coffee, Tea, and Donuts will be available. For Information & Map, visit <http://www.k7rst.org>

14 April 2018 - **April Hamfest at DeVry** - hosted by the Arizona Amateur Radio Club and the Amateur Radio Council of Arizona will be held at DeVry University, 2149 W Dunlap Avenue in Phoenix. Hours are 6:00 AM to 11:00 AM. Admission Donation: \$2.00. Tailgate Spaces: \$10.00 each. VE Testing in school library at 9:00 AM. DX QSL Card Checking from 9:00 to 10:00 AM. Commercial Vendors - Tailgaters - Prizes - Coffee - Doughnuts - Sodas. Talk-In on 147.060 (+) PL 162.2 Hz. Contact Gary Hamman at k7gh@arrl.net or 602.996.8148 for information or to reserve a space.

7 May 2016 - **Cochise Hamfest** - hosted by the Cochise Amateur Radio Association will be held at the club site, 2756 S Moson Road in Sierra Vista. Hours are 7:00 AM until 12:00 Noon. An Open House demonstration of amateur radio communications will be held. VE Testing Available. Prizes. Breakfast and Lunch will be for sale for a reasonable price. Contact Lee Ilse, KD7OED at kd7oed@arrl.net for more information.

1-2 June 2018 - **2018 Prescott Hamfest at ERAU** - hosted by the Eagle Amateur Radio Club at ERAU and the Yavapai Amateur Radio Club will be held at Embry Riddle Aeronautical University (ERAU), 3700 Willow Creek Road in Prescott. Hours are 7:00 AM to 4:00 PM on Friday and 7:00 AM to 3:00 PM on Saturday. Tailgating, Commercial Vendors, Youth Activities, Special Event Station, Prizes, Food Concessions, Seminars, DXCC Card Checking and more. Limited Free RV Dry Camping on Thursday and Friday nights (must pre-register). General Admission - \$5.00 good for both days. Full Time Student with Student ID and 12 years and under - Free. Tailgating - \$10.00 first parking space, \$5.00 each additional. Indoor Commercial - \$20.00 first table, \$10.00 each additional. Talk-In Frequency - 146.880 MHz(-) PL 100 Hz. For more information, visit the website at www.prescotthamfest.com or email Hamfest Chairperson - Frank Bender, K8FB at k8fb@w7yrc.org

29 September 2018 - **Tucson Fall Hamfest** - hosted by the Radio Society of Tucson will be held at the Target Store, 9615 E Old Spanish Trail in Tucson. Hours - 7:00 AM - 11:00 AM. Seller setup starts at 6:00 AM. \$10 per space. Free Admission and Parking. Free VE Testing - GOTA Station - QSL Card Checking - Prizes. Coffee, Tea, and Donuts will be available. For Information & Map, visit <http://www.k7rst.org>

27 October 2018 - **Copafest 2018** - hosted by the Maricopa Amateur Radio Association will be held at the UltraStar Multitainment Center, 16000 N Maricopa Road in Maricopa. Hours are 7:00 AM until 1:00 PM. Admission is \$5.00. Spaces are \$10.00 for two parking spaces. Setup begins at 5:00 AM. Balloon Launch, VE Testing, Card Checking, Vendor Exhibits, Seminars, Prizes and more. Many activities available in the Multitainment Center including laser tag, bowling, movies, games, dining and more. Dining and Hotel also available. For information, email fest@copafest.org or visit the website at www.copafest.org.

ADAW

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If anyone is considering a major radio shack, workshop, addition or going into business for yourself, I am offering professional Electrical, Mechanical and Plumbing Engineering services to radio club members at a 20% discount for residential property, and 10% discount for commercial property. Talking is always free.

Need Computer Help?

Computer consultant: in-home tutoring, problem solving, hardware and software installations, virus detection and removal. I am Patient and professional with 30 plus years in the computer field.

Call Larry, KE7JXQ
L.E. Purchase Computer Consultants, Inc.
1-888-922-9295 or 602-863-0502



This past month was definitely one with “good news and bad news” for DXers. The bad news first – the long awaited DXpedition to Bouvet Island in the Antarctic, 3Y0Z, never made it to land. After two weeks of travel on some of the roughest ocean in the world, the ship was only a mile from Bouvet. However, the weather was so extremely bad that, after two days of waiting for a break in the weather, the ship’s captain aborted the trip and set sail for South Africa, the closest port. This was a huge disappointment to the brave hams and crew on board the ship and to the international DX community. It is the first time in recent memory that a \$1 million DXpedition was aborted. The landing on Bouvet relied on helicopters that could not fly in the 45 knot winds and one of the ship’s two engines was failing, making the captain’s decision understandable with everyone’s lives at stake. We wish the team and crew safe passage to ZS and back home.

The good news – a new DXCC country was born in late January 2018 after the ARRL Board amended the DXCC rules to add an additional country criteria that allowed Kosovo to be added to the country list. Long a source of debate and controversy, the international team assembled by Martti Laine, OH2BH, began operating Z60A within minutes of the announcement and the pileups of DXers began chasing this new one in earnest. The DXCC country count is back up to 340 and there is no doubt there will be enough ongoing activity from Kosovo by both the locals and visiting operators for every DXer to eventually confirm this one.

Registration for the 2018 International DX Convention (IDXC) in Visalia, California is available online at <http://www.dxconvention.org/>. CADXA will not be involved in the running of the convention this year. The Southern California DX Club decided to do it all themselves. After all of CADXA’s efforts last year to support the Northern California DX Club, our club is actually pleased to have the year off. Many CADXA members will be there along with about 700 other DXers and a room full of vendors.

Next Meeting is March 1st at the PERA Club

The March Meeting will be held on Thursday night, March 1st, at the PERA Club. Our program will be “Getting to 3,000 in the DXCC Challenge,” presented by Ned Stearns, AA7A. As many of you know, Ned recently reached the rarified air of the “3,000 Club” in the DXCC Challenge, the first ham in W6/

Continued Next Column

The IRLP computer and associated IRLP box has been replaced on the 442.150 repeater on Mingus Mountain with up to date equipment. Also the node number has been changed from 5050 to 3600. The internet connection and the IRLP equipment are located in Prescott Valley and connect to the mountain via 440 MHz. Please note the new node number 3600 and try it out.

A number of the MMRG Members attended the Quartz-fest south of Quartzsite, AZ in January. I am sure all had a good time.

Now even more MMRG members are anxiously awaiting going to the hamfest in Yuma February 16 and 17. MMRG wishes all of you a great month.

Bob Sitterley, K7POF
Lori Cripps, WA7EDI

ADAW



CADXA Continued from Previous Column

W7 to do so. There is nobody else in CADXA above the 2,800 mark and we have some very accomplished DXers in our ranks. Ned will describe his DX journey through the years with help from some fascinating progress charts and anecdotes.

Please feel free to arrive early to socialize with your friends. Refreshments will be served at the break. Guests are always welcome.

73,
Lee, KY7M
CADXA President

ADAW



Things are going forward at the Thunderbird Amateur Radio Club! As I write this, the board has moved onto a new Gmail mail system. First, we owe a large thank you to Chris K6OZY who hosted our email until now. I'm sure he is happy to get that responsibility off his shoulders. Google offers the corporate version of Gmail to 501(c)(3) organizations - and now that we are one, we can take advantage of that. This should make things easier to administer down the road... but this is one of those changes we hope you *don't* notice!

Speaking of being a 501(c)(3) - that means part of our charter is to help the community. Do you have ideas for projects where TBARC can make a difference? Bring them to the board! Come up with a proposal and let us know. We want to find great ideas and implement them.

We've already started with planning for Field Day. If you'd like to be involved, we can certainly use your help! Right now Walt NJ8G is corralling things and getting things in place. If you joined us last Field Day, you know how much fun it is. If you didn't, grab someone who did and find out what it's all about!

And Gary AF7BJ is also starting to look into another August Escape from the summer heat. This winter has been mild, so I'm afraid that by August we'll really be feeling the heat. Why not take a weekend and operate somewhere that eggs don't fry when you crack them on the ground?

Both Field Day and the August Escape are great places for Technician licensees (or non-hams) to get their feet wet on the HF bands. You'll find a lot of people who are happy to help you get there and find out what it's all about!

Have you been to a TBARC meeting yet? Why not stop by? We'd love to have you join us, and guests are welcome. Our meetings are held on the third Thursday of the month at the North Phoenix Campus of Northern Arizona University. It's near Greenway and I-17, starting at around 7:00 pm. See the club website at w7tbc.org for directions. In March, our mini-presentation will be from Rick Paquette W7RAP of the ARRL, and then Ned Stearns AA7A will tell us about an earth-moon-earth (EME) remote station in Maricopa. Does that make it a EMMME (earth-Maricopa-moon-Maricopa-earth) station? Join us and learn more!

Andrew Cornwall, KF7CCC
kf7ccc@arrl.net



No Report Received



Public Service Calendar

Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Xterra Black Canyon Trail Run	Black Canyon City	03/11/18
Mesquite Canyon Tour de Cure	Waddell	03/17/18
Crown King Scramble	Midwestern University	03/17/18
El Tour de Mesa	59th Ave & Loop 101	03/24/18
March of Dimes March for Babies	Lake Pleasant - Crown King	04/07/18
Pat's Run	Mesa	04/14/18
Zane Grey 50 Highland Trail Run	Wesley-Bolin Park, Downtown Phoenix	04/21/18
Phoenix Half Marathon	Sun Devil Stadium & Tempe Town Lake	04/28/18
Scottsdale Half Marathon	Mogollan Rim on the Highline Trail	11/04/18
Pancake Run	Downtown Phoenix	12/09/18
	Scottsdale Civic Ctr	02/03/19

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.



Old Pueblo Radio Club INTERMOD

President's Column

The program for the February club meeting was a presentation on Solar Eclipses by Paul Jorgenson, HE7HR. Paul is an avid solar eclipse chaser who has traveled around the world to catch many of these astronomical events. He carefully plans his trips well in advance of the event. His presentation provided us with colorful quips about his adventures in search of the perfect solar eclipse. The slide show he presented was proof positive that his efforts were well rewarded. Great program, Paul.

There are a number of fun things for you to participate in during the month. It is not Spring, but it feels like it. Every other Friday morning there is a party in the Park. Rather, it is Ham in the Park. It is in the Pima Park starting around 8:00 a.m. Pima Park is located at Pima Road and E Indian School Road. For more information, you can check the club web site. www.scottsdalearc.org

On Saturday mornings around 8:00 a.m., there is a Ham Breakfast at Denny's Restaurant at the Pavilions, 9000 E Indian Bend Road. Of course, you buy your own breakfast, but you can chat with other Hams. They are a talkative bunch.

The major club event for March is the Spring Fest. It is going to be held again this year at the Scottsdale Bible Church, Mountain Valley Campus 17800 North Perimeter Drive, Scottsdale, AZ 85255-5449. General admission will be at the rear entrance to the parking lot located one block West on N Pacesetter Way. The event begins at 6:00 AM and goes till 12:00 Noon. General admission will be \$5. Tailgating/sales will be \$20 for 2 spaces. There will be refreshments, raffle prizes, VE testing and an ARCA meeting at 10:00 AM. There is a special offer available to get free admission. If you sign up to work the event for 2 hours, you get in free. Of course, those just going for the VE testing also get in free. This is going to be a terrific event. See you there.

The Club has a Net every Tuesday at 7:00 PM on our repeater system. The repeaters are on 147.18 with a tone of 162.2 and on 440.00 with a tone of 100.00. Everyone checking in can give us a run-down on what they have been up to lately. Sometimes we have an interesting question for everyone. So set your clock for Tuesdays at 7 and we will see you on the air. By the way, you will get a free raffle ticket for every time you check into the net. Use them at the club meeting raffle.

Well, that's all I have for now. Be well and keep hamming.

Ed Nickerson WU7S - enickerson427@aol.com

No Report Received



OPRC Repeaters

146.66 - PL 110.9	wide coverage	W7GV
146.82 - PL 110.9	wide coverage	W7GV

RACES Repeaters

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



SARC CONSTANTS:

SARC is a 501 (c)(3) club. That means all donations are fully tax deductible. Contact Paul Jorgenson, KE7HR at 602.992.8043 for information on estate donations and equipment pick-up.

For membership information, call Judy Jensen, KE7IXI at 480.773.8452. Please send address change requests to Judy no later than the 7th of the month in which you would like the change to occur.





Arizona Red Cross Communications Club

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



Wednesdays are a busy time at the Red Cross Phoenix Chapter. We've had an active work crew just about every week and lots of things are getting done. However, we have more projects than our regular crew members can work on. So think about joining or becoming more actives.

Did you know the Red Cross has dozens of FCC assigned frequencies for use in an emergency? We have everything from HF through UHF in non-ham allocations, and available for use during times of disaster. So not only are the Red Cross Amateur Volunteers operating on the ham bands, we're also engaged in radio communications in other parts of the spectrum.

Are you getting ADAW courtesy of the ARCCC? We're having an open house on Thursday, March 8, 2018 at 6:30 PM to showcase what's new at the chapter. The AARC folks will be our co-hosts for this event (both of us share the facility). So whether you're a member of ARCCC or AARC and haven't been active in a while, we invite you to come out and join us for an evening of chat and to visit our upgraded digs.

Our Echolink node is now up 24/7 on the VHF repeater. The Echolink software has been placed on our latest computer (station 2), and is running with an ICOM IC-228. We eventually plan on moving the Echolink node to its own dedicated CPU, so we don't tie up a general use system for Red Cross activities.

Have you tried out our net on Tuesday's at noon? The Public Service Amateur Radio Group and ARCCC have an informal net to discuss various activities within the PSARG and the Red Cross. Our HF net is on Wednesdays at 1:00 PM, mainly to check out our members' HF capabilities. Listen and perhaps join us on the K7ARC VHF repeater (146.84 – 162.2 PL) or Echolink, for both nets.

We hope you went to the Yuma Hamfest and had an opportunity to visit our Red Cross Command Van. There are only a few of these left in the National System, so we're fortunate to have one based in Arizona. We plan on it attending numerous Hamfests throughout the year.

Your Humble Scribe,
Mark, N7KKQ

Arizona Near Space Research is preparing for our 114th high altitude balloon flight from the Yuma Hamfest on Saturday, February 17th. We will be flying a 2,000-gram balloon that we expect to exceed 98,000 feet in altitude before it bursts. Last year, rain and overcast prevented us from flying from Yuma.

By the time you read this, we will know how close we came to our predicted landing area near Dateland, Arizona. Just to be safe, all of the chase team members have been instructed to get permits to enter the Goldwater Range.

Besides the science and learning experience of high altitude ballooning, there is the fun and excitement of the off-road experience. The Goldwater range, which borders the Organ Pipe National Monument and the Tohono O'odham Nation, is some of the most beautiful and pristine Sonoran desert landscape in Arizona – or anywhere. Because it's not generally accessible to the public, the usual damage from too much visitor traffic isn't present.

There is some trash along trails commonly used by border crossers. There is also an abundance of abandoned vehicles which were used in illegal smuggling along the border. Compared to the size of the range, there is a small impact to the overall beauty and magnificence of the area. Just about every plant and animal indigenous to the Sonoran desert is present in this area.

We will be using a variety of technology to track and locate our payload. Of course, amateur radio keeps the chase team members and ground station in contact with updated information. We use GPS, APRS, VHF radio direction finding, and human eye contact to accomplish our mission. It's a lot of fun to travel in an off-road vehicle down trails that may only see a couple of vehicles a year through the largely undisturbed desert terrain.

If you're interested in riding with us or learning more about amateur radio high altitude ballooning, visit our website at www.ansr.org.



License Testing Information

When you are ready to take an exam for an Amateur Radio license, there are Volunteer Examiners available to assist you. Each Applicant will need to bring a picture ID (some test sessions require two forms of identification). If you are upgrading your class of license, be sure to bring the original (and a copy) of your license and/or Certificate of Successful Completion of Examination (C.S.C.E.). There may be a fee required.

PLEASE NOTE: Dates, times, locations, fees may change. Arrive promptly at time listed. Fees may vary and exact change or check is required at most sessions. Call test session contact to confirm information. Walk-ins are permitted unless otherwise specified.

March Test Sessions

Mar 1st - CARBA -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus Blvd, Tucson
Contact - Matthew Grossman 520.750.7189
Pre-Reg by email preferred - veregistration@rstclub.org

Mar 3rd - Western Arizona Radio Club -- 10:00 AM

Mohave Cty Bullhead City Library, Bullhead City
Contact - Carolyn Krick 928.897.7439

Mar 3rd - Venture Out ARC -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa
Contact - Robert Bingham 480.404.1408
No Walk-Ins

Mar 3rd - Oro Valley ARC -- 10:30 AM

Oro Valley Police Dept EOC, 1920 E Tangerine Rd, Oro Valley
Contact - Quinton Gleason licensing@tucsonhamradio.org

Mar 3rd - DeVry ARC & WVARC -- 9:00 AM

DeVry University Library, 2149 W Dunlap Ave, Phoenix
Contact - David Morrill 623.680.5011

Mar 6th - PV Ham Study Group -- 6:30 PM

Trinity Lutheran Church, 3950 N Valorie Dr, Prescott Valley
Contact - J M Scherfling 928.632.2050
Call to Pre-Register

Mar 10th - Venture Out ARC -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa
Contact - Robert Bingham 480.404.1408
No Walk-Ins

Mar 12th - Radio Society of Tucson -- 7:00 PM

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

Mar 17th - Unsponsored -- 10:00 AM

Kingman Fire Station #1, 2470 E Butler Ave, Kingman
Contact - Daniel Miller 928.897.3883



No Report Received

ADAW

Test Sessions Continued from Previous Column

Mar 17th - Hualapai ARC -- 10:00 AM

Northern Arizona Fire District, 2470 E Butler Ave, Kingman
Contact - Alyce Ingle 425.234.9173

Mar 17th - Venture Out ARC -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa
Contact - Robert Bingham 480.404.1408
No Walk-Ins

Mar 17th - Yavapai ARC -- 9:00 AM

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

Mar 17th - 4X4Ham -- 9:00 AM

Mountain Valley Church, 17800 N Perimeter Dr, Scottsdale
Contact - Virgil Silhanek 623.850.1441

Mar 19th - East Valley VE Team -- 6:00 PM

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

Mar 21st - Thunderbird ARC -- 6:00 PM

Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix
Contact - James Skinnell 602.826.1949

Mar 24th - Venture Out ARC -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa
Contact - Robert Bingham 480.404.1408
No Walk-Ins

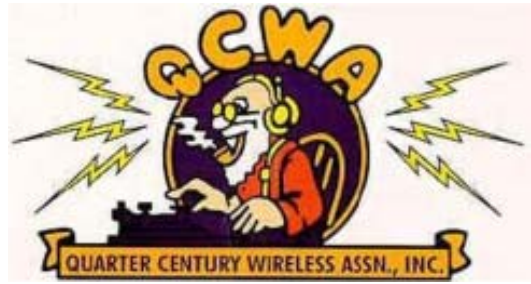
Mar 24th - Arizona ARC -- 7:00 PM

American Red Cross, 4747 N 22nd St, Phoenix
Contact - Gary Hamman 602.996.8148
No Walk-Ins - Pre-Registration Required by Friday night

Mar 31st - Venture Out ARC -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa
Contact - Robert Bingham 480.404.1408
No Walk-Ins

Continued Next Column



March General Meeting and Driving Into the Sunset

That time of year again! The blanketing sunset will BE IN YOUR FACE. Please arrange your transit time to avoid the 6:39 PM Mesa due-west sunset along an east-west highway, and give yourself a five-to-ten minute leeway to avoid that firing squad!

We would rather you be up to the meeting bright and early this month and not blind and on-time just for this reason.

The 2018 Programs will be geared to the newcomer to amateur radio – not overly technical. We will focus instead on practical knowledge that you can put to use.

In our February meeting we gave away some good radio prizes for the purchase of a ticket and I will report the winners next month. During this writing, that meeting hasn't yet taken place.

As always, Visitors are always welcome.

Unfortunate Passing of Jo Wilson, XYL of Gene, K8WQ

Services were held Saturday February 10th, 2018 at 10:00 a.m. at the Mesa East Foursquare Church for Jo Wilson on Brown Rd., just east of Ellsworth in Mesa. Members from both the Sun Life and Superstition amateur radio clubs attended and many attendees provided eulogies which were greatly appreciated by Jo's husband Gene, K8WQ.

Please keep your thoughts and prayers in mind for Gene Wilson, K8WQ in this time of sorrow.

Thursday Mesh Net Time Moves to 7:00 PM

Due to a new work schedule for President Steve Estes, KB7KWK, our Central Arizona Mesh Net has moved half an hour later to 7:00 PM Thursdays. This net runs on the 147.120 linked repeaters. The club runs a 2.4 GHz mesh network on Wi-Fi Channel minus-2 with 5 MHz bandwidth.

East Valley Swap Net and National History Net on Hold

The Swap Net and the National History Net have been on a hiatus until July, when J.D., KF7VOX has a work schedule that will again permit him to run these nets on Thursdays.

It pays to listen on Wednesdays at 8:00 PM for the latest club news straight from the President! I learned a bunch of information I could use to fill this column with added details!

73, – Larry Kuck, WB7C



CHAPTER 16 BARRY M. GOLDWATER ARIZONA CHAPTER

Have you been a ham for at least 25 years? Then celebrate by joining the Quarter Century Wireless Association!

The Barry M. Goldwater Chapter 16 Arizona chapter has four lunch meetings a year with fabulous speakers. Check us out at <http://www.azqcwa.org/> we are also on Facebook at <https://www.facebook.com/AZQCWA>. We are always looking for speakers and great lunch locations. Let us know.

John Marshall, WA7BSR, President
QCWA Barry M. Goldwater Chapter 16 Arizona
wa7bsr@gmail.com



Superstition ARC Repeaters

147.120 MHz (+) 162.2 Hz - Usery *

448.275 MHz (-) 100.0 Hz - Usery

449.600 MHz (-) 100.0 Hz - East Mesa *

KB7KWK-L Echolink Node 538499 *

* - Linked Full Time

Club Nets

Morning Drive Time Net: Mon-Fri, 7:00-8:00 AM - Trivia
City of Mesa CERT Team Monthly Net: First Tuesday of month, 7:00 PM

Weekly 6 Meter Sideband Net: Wednesdays, 7:00 PM on 50.140 MHz, W7ASL-L EchoLink, and 145.575 FM Simplex

Club Business Net: Wednesdays, 8:00 PM - Featuring Club News, Elmer Q&A and AR Newslines.

Mesh Information Net: Thursdays, 7:00 PM

East Valley Swap Net: Currently on Hiatus

National History Net: Currently on Hiatus. Quizzes you on National History.

10-Meter Rag Chew: Thursdays, 8:00 PM, 28.465 MHz USB
Morse Code Class Net: Saturdays, 7:00 PM

Club Membership is open to anyone with an interest in Amateur Radio. Visit: <https://superstitionarc.org> for more information.

Superstition SuperFest

The Superstition SuperFest is held on the first Saturday of December. Visit www.superstitionsuperfest.org for the latest information.



Emergency Communications Since 1961

SHORT SKIP

No Report Received

The Maricopa club has been working to improve our repeaters. Several months ago, with the help of several hams from the Arizona Repeater Association, we finally got the antennas for our two-meter repeater mounted on the tower. We're now looking at replacing some sections of the feed line that still use LMR-400 with hardline in order to reduce the loss. Jerry Warzaha, K0FC, made a generous donation to the club that allowed us to purchase the feedline, connectors, and installation material. We did some grounding improvements and also installed a preamp. We will be converting back to our GE Master II units as the limited power output of the System Fusion unit isn't giving us the coverage we need. We hope to have all of our improvements done in the next month or so.

On January 8, a Wayne Kropp, KI7SPW, a newly licensed ham in Casa Grande, contacted our club via our website asking for help getting his rig on the air. I sent a message out to the membership and within a couple of hours several hams from the Maricopa area and Casa Grande area stepped up, contacted him, and arranged to meet him at his QTH the following Saturday. They spent the afternoon repairing feedline and connecting antennas. Unfortunately, an open connection to the antenna meant that the finals are going to need to be replaced in his FT-991. Nevertheless, once that's done, his rig will be ready to operate. Many thanks to Bob Beltz, KU4ZG, Curt Steger, NA7CS, and Tim, KG7FXQ for spending part of their Saturday helping out a fellow ham.



*West Valley
Amateur Radio Club
High-Speed Multimedia
Special Interest Group*

The West Valley Amateur Radio Club is starting a high-speed multimedia special interest and mesh networking group. If anyone is interested, please let me know.

Bob KG7FIL kg7fil@arrl.net

ADAW

ADAW



March 11th

Real Estate

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

*Richard Haworth W7MDQ
Coldwell Banker Residential Brokerage
602-370-1450 Cell, rahaworth@cox.net*

Looking for a Ham Home?

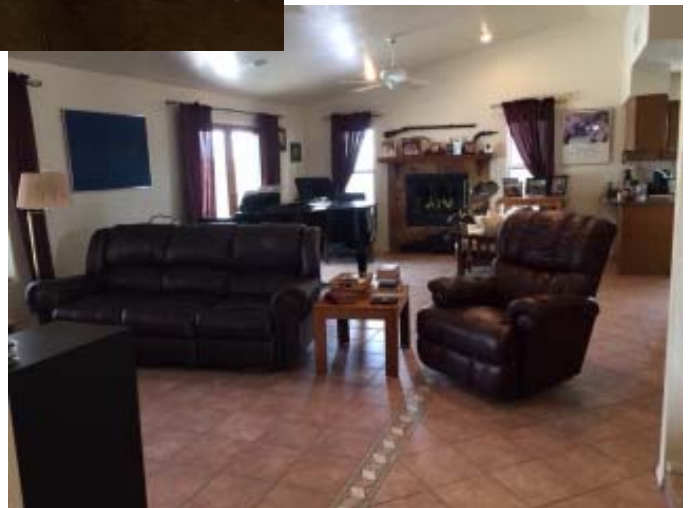
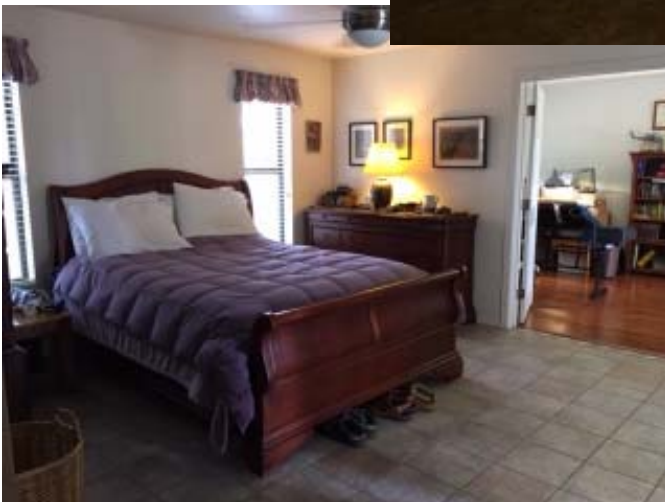
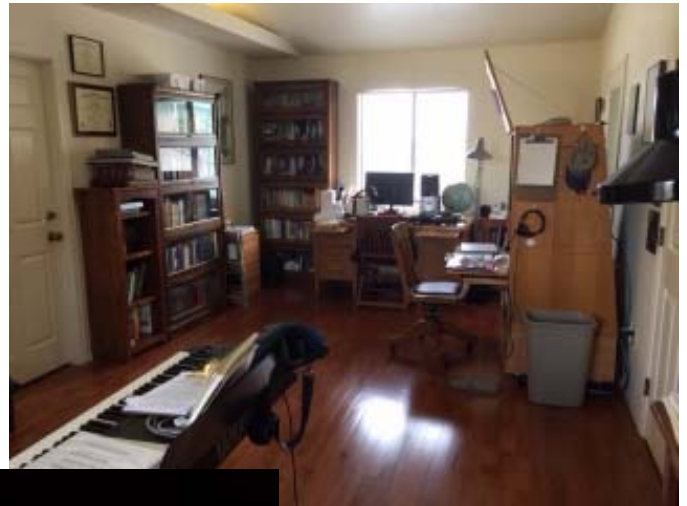
Rare in the valley: no HOA and towers under 75 feet require only building permit. Ham friendly neighbors.

QTH: Mesa, AZ \$330K 2078 sq ft, 4 bedroom, 2 bath, flat terrain w/5 antennas: **SteppIr DB-11**; **5/8 wave VHF/UHF**; 55 foot motorized *custom* tilt-over tubular US Tower; rated 90 mph *fully extended*; **Inverted 40/80 vees** on 35-ft flagpole; **30-ft marine vertical whip**, fed by SG-237 autotuner. Elegant ham shack/office with 110/220. Large shelved storeroom adjoins.

Home: Tile and hardwood plank flooring throughout. 15x14 masterBR w/walk-in, adjoins 11x22 office/ham shack, 110/220VAC, and 5x22 shelved storage room. Open plan cathedral ceiling L-R 17x28; with 9x10 dining alcove; 2-car attached garage w/air-conditioned shop; RV pad. Pool. More photos on qrz.com

Interested? Contact: denis@ix.netcom.com

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- World's first dual TFT display • 200W output on all bands • ±0.1ppm TCXO ensures both high stability and reduced power consumption • Triple 32-bit DSP's dedicated to main/sub receivers and band scope • Main receiver employs full down conversion, new mixer & narrow band roofing filters • Third order intercept point (IP3) +40dBm for highest level of RX performance (main receiver)

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TM-D710G | 2M/440 Dualband

- V-VV-U/U+U operation • Built-in GPS • Built-in TNC for APRS & DX-Cluster operation • 50W 2M & UHF • 1,000 memories • Dual receive • Green or amber backlight colors • Latest APRS firmware w/new features • Sky Command II remote functions

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TS-480SAT/HX | HF + 6M Transceiver

- 480HX 200W HF & 100W 6M (no tuner) • 480SAT 100W HF & 6M w/AT • Removable w/front panel/speaker • DSP built-in

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NEW

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TS-590SG | HF/50MHz Transceiver

- Equipped with 500 Hz/2.7 kHz roofing filter as standard • ALC derived from TS-990S eliminating spike issues • Antenna output function (shared with DRV connector) • CW - morse code decoder function • Improved 1st mixer • New PFB key with multi-function knob • New split function enabling quick setting • LED backlight with selectable color tone

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TM-V71A | 2M/440 DualBand

- High RF output (50W) • Multiple Scan • Dual receive on same band (VxV, UxU) • Echolink® memory (auto dialer) • Echolink® Sysop mode for node terminal ops • Invertible front panel • Choice of green/amber for LCD panel • 104 code digital code squelch • "Five in One" programmable memory • 1000 multifunction memory

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TH-D72A | 2M/440 HT w/extended RX

- 5W TX, RX 118-524 MHz, VxU, VxV, UxU • APRS w/built-in 1200/9600 TNC • Built-in GPS, Built-in USB, digipeater • Echolink® compatible, • MI-Spec STD810

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TS-2000

\$250
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TS-2000X

TS-2000/2000X | HF/VHF/UHF Transceiver

- 100W HF, 6M, 2M • 50W 70CM • TS-2000X 10W 1.2GHz • Built-in TNC, DX packet cluster • IF Stage DSP • Backlit front key panel

Call For Special Price!



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compare

TM-281A | 2 Mtr Mobile

- 65 Watt • 200 Memories • CTCSS/DCS • MI-Std specs • Hi-quality audio

Call For Special Low Price!



TH-D74A | 2M/220/440 HT w/D-STAR!

- D-STAR compatible • APRS ready w/built in GPS • Color weather station information • Built-in KISS mode TNC • High-performance DSP voice processing • Standard compatibility for Bluetooth

Call For Low Price!



TH-K20A | 2M Handheld

- 2M 5.5W • V0X • CTCSS/DCS/1750 Burst built-in • Weather alert

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

KENWOOD

*Thank you to those who came to see us in Yuma!
Happy Spring from your HRO Phoenix crew!*

*Now serving you at our Phoenix store:
Manager Mike KB6VHF, Steve W7QY, Mike K7DD, Jim K7EOG, Jim KE7EEU, and Laura KB6UHF*