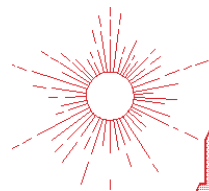


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



Happy Valentine's Day



ADAW

Arizona Desert Aire Waves

Vol 43, No 2

February 2018

CLUB MEETING SCHEDULE

QCWA
March/April
TBD
Tucson Area
11:00 AM

WVARC
Feb 5th
St Clement Catholic Church
Social Hall
7:00 PM

SuperstitionARC
Feb 20th
Charles K Luster Bldg
7:00 PM

ARA
Feb 22th
Denny's Restaurant - Tempe
7:30 PM

MARCA
Feb 20th
Denny's Restaurant - Tempe
6:30 PM

MARA
Feb 3rd
Maricopa PD Community Rm
9:00 AM

ANSR
Feb 15th
via GoToMeeting
7:30 PM

YARC
Feb 1st
Mile High Middle School
7:00 PM

OVARC
Feb 16th
Ascension Lutheran Church
7:30 PM

CARL
TBA
AZ Science Center
TBA

CLUB MEETING SCHEDULE

SARC
Feb 7th
Scottsdale Senior Center
7:00 PM

AARC
Feb 8th
Red Cross Bldg. - Phx
7:30 PM

OPRC
Mar 14th
Marshall Conference Ctr
at Tucson Medical Ctr
7:15 PM

TBARC
Feb 15th
North Phoenix Campus
Northern Arizona University
7:00 PM

MCCARC
Feb 5, 12, 19, 26
Mesa Community College Tech Bldg
7:00 PM

CADXA
Feb 1st
PERA Club
6:00 PM

ADAW Member Clubs

ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:30 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	K7JIT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Bob Hodges	K7JIT	602.375.9982

AARC c/o Bob Hodges, K7JIT, 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 147.78/1.18 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. 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	N07IN	
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 Dallan	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 DeVlieger	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 SR143 and University Drive. Visitors are welcome. Come early for food and social time before the meeting starts. For further information about the ARA, including repeaters, site status, and the tech/board meeting, please visit our web site at www.w7ara.org.

President	Brian McCarthy, AK7F	ak7f@w7ara.net
Vice-President	Erv 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	lwoen@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

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ADAW

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

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



Hi all,

As I write this, the temperatures outside are barely in the 60s. It's 61 right now according to our outdoor thermometer. Yesterday the high was just about the same. This morning we even had to break out the wooly socks! Looks like the Phoenix valley is definitely getting our three days of winter.

Did you get to attend the Thunderbird hamfest on January 13th? It was a wonderful event. Plenty of vendors were on hand with a vast variety of wares. A food truck was on-site to provide coffee and donuts, and even offered breakfast burritos. VE testing and DXCC card checking were available. Seminars on Amateur Radio subjects were presented also. It was a really great event this year. If you missed it, watch for announcements of the 2019 Thunderbird Hamfest and plan to attend.

This year, the Yuma Hamfest will be the host for the 2018 ARRL Southwestern Division Convention. This yearly event has grown exponentially and now is the largest gathering in the state. The two-day event will offer many seminars for you to choose from as well as lots of tailgaters and commercial vendors. The Saturday night Barbecue is always a hit with great food at a very affordable price. In addition, the list of prizes to be given away is impressive! Check out their web site at www.yumahamfest.org for all the details.

In case you haven't received or read the ARRL letter, ARRL CEO, Tom Gallagher, NY2RF will be retiring on March 2nd. Tom succeeded long time CEO David Sumner, K1ZZ and has served as CEO for the last two years. He helped to enhance the professionalism and efficiency of the organization and oversaw a turnaround in ARRL's finances.

The ARRL Board of Directors met on January 19th & 20th in Windsor, Connecticut. Their purpose was to elect officers and hear a wide range of reports. They also planned to hear and consider proposals to amend the *Articles of Association* and *Bylaws* of the ARRL among other issues.

ADAW would like to hear from YOU! If you attended a great event, take a few minutes and write about it. Your fellow amateurs would love reading about your experience, especially if they were not able to attend. It's easy. Just jot down a few lines and email it to adawaz@arca-az.org or adaw@adaw.org. You can even include a picture if you like. Hope to hear from you.

73 'til next month,
Chris, N7PVL



The Yavapai Amateur Radio Club encourages community members and those of other local clubs to join us for our monthly meetings. We continually strive to make our programs interesting by addressing as many facets of amateur radio as possible.

We have a new board and two new officers for the new year. Elected last year and taking office in January are VP, Joe Thomas KG6IDN and Sec. Art Jackson KA5DWI. New board members are Don Bauer WB7TPH, John Laing K7PRS and Dave Hanson W7BJ. They are all here to serve our great club.

For those just getting started in ham radio, we offer bimonthly license testing, periodic classes and a club radio station. Information about classes and testing can always be found on the club website www.w7yrc.org under "Become a Ham." A Technician level class will be held February 17 and February 24, 2018. A class for the General license will follow beginning April 7th. Please check the club website for more information.

The next scheduled license exam session will be on Saturday, January 20, 2018, at 9:00 AM. Please note that this and all our 2018 test sessions have changed due to a schedule change with our host. Our website also allows for pre-registration for the test sessions. We have posted all the test sessions for 2018 on the website as well as the ARRL website, so you can plan ahead.

Don't forget to put the Prescott Hamfest 2018 on your calendar. It is scheduled for June 1-2, 2018. This event keeps growing, and we are seeking seminar speakers for both days. Contact the hamfest chairman if you have a presentation of interest. Email Frank at K8FB@w7yrc.org. We will be happy to see you there. Lest we forget, you may visit the Prescott Hamfest website, www.prescotthamfest.com for information or to see the list of Grand Prizes and purchase prize tickets online.

Come join us for one of our monthly club meetings. We always meet on the 1st Thursday of the month at the Mile High Middle School in downtown Prescott.

ADAW



The antennas on the Red Cross Roof

The Arizona Amateur Radio Club meeting on Thursday evening, January 11, was attended by sixteen members and guests. The meeting began at 7:30 PM, at the Red Cross Building, 4747 N. 22nd Street (just north of Highland on the east side of 22nd St).

A number of people have spent quite a bit of time making improvements in the radio communications capabilities at the Red Cross. Several of them shared what's been accomplished in the last couple of months. President Gary Hamman, K7GH; Mark Kesauer, N7KKQ; Peter Petrotta, KD7OIW; and Steve Tolnai, W7WSV have spent many hours working on the antenna system on the roof of the Red Cross Building and on the radio room. At the meeting they were able to show the results of their efforts to the group. Lori Cripps, WA7EDI, Activities Manager, summarized the extensive AARC activity for the year, which included the following:

- Field Day, June 23-25
- Hamfest at DeVry, April 14, 2017
- Breakfasts and VE testing every 4th Saturday
- Meetings every 2nd Thursday of the month
- 2 Meter net every non-meeting Thursday (10 regular participants & 5 visitors)



Gary, K7GH & Steve, W7WSV tune roof top antennas

Election of officers took place, and it was no surprise that most of the 2017-2018 officers retained their positions for the 2018-2019 term. Officers are:

- President - Gary Hamman, K7GH
- Vice-president - Mark Kesauer, N7KKQ
- Secretary - Reinhard Geissler, K7RGG
- Treasurer - Bob Hodges, K7JJT
- Activities Manager - Lori Cripps, WA7EDI

Peter, KD7OIW, showed the group his handy-talkie 1.2 GHz Yagi antenna, which is unique.

The meeting adjourned about 9:30 P.M.



Peter KD7OIW demonstrates his 1.2 GHz Yagi antenna with Gary K7GH

ADAW





HAPPY NEW YEAR TO EVERYONE!

2017 went by in a flash but it was another good year for the club. We made progress on many fronts and we'll continue the push into this year.

OVARC has a very active DSTAR SIG that is planning another DSTAR multi-mode repeater on the northern edges of Oro Valley. This will extend our DSTAR coverage from Nogales north to Oracle. The plan is to have this installation accommodate several different digital modes. We are hunting for a permanent installation that's accessible for maintenance purposes. More details should unfold in the coming months as details unfold.

January, and the start of the year, means it's time to renew your membership. Among all of your other annual memberships, don't forget your local club(s). As you know, clubs live and breathe from memberships and donations so whatever you can do to support them will help them continue their efforts. OVARC is no different so we kindly ask that our 2017 members to renew their commitment for 2018. For the benefits, friendships, operating events and lots more, membership is less expensive than a medium sized latte even if you purchase just one a month. Can you give up one and join the club? Hope so!

Our January Operating Event was held at the Tom Mix Memorial to commemorate this historical figure. There's lots of tales about Tom Mix and I suppose we'll never know whether that suitcase in the back seat was responsible for his demise or not. We made plenty of contacts as the certificate was worth the chase. Our next event is in Green Valley at the site of the discone. See the OVARC website for all of the details.

73 and make it a GREAT 2018!
Steve



The Mesa Community College ARC was on break over the holidays. For our first four meetings of 2018, Jon Sherman will be providing technician class instruction for those that are new to the hobby and wish to test for their technician license. Our club is a new ham club. We welcome all hams with a focus on new ham operator skills and knowledge.

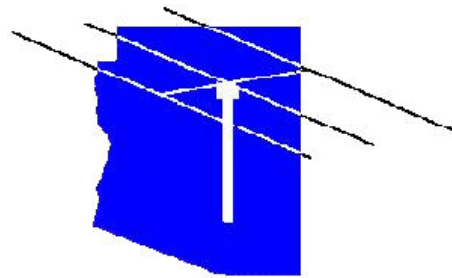
Charlie Brown NJ7V
President



Oro Valley, Arizona
Oro Valley Amateur Radio Club
K7T

Confirms an amateur radio SSB contact
with amateur radio station
N0E
On 6-Jan-18 at 16:57 UTC 14.2519MHz

**From the Tom Mix Memorial
on the Pinal Pioneer Parkway near Florence, AZ**
The memorial is a roadside picnic area on AZ Hwy 79 near the site where Tom Mix died after his Cord 812 convertible crashed into what is now designated the Tom Mix Wash while bridge construction was incomplete. The single-car high-speed accident led to his death after leaving the Oracle Junction Inn on October 12, 1940.
Pinal County Grid DM42jt 32.521774, -111.203496



MARCA INC.

W7ASC NEWSLETTER - Ham shack report

The level of activity has risen. Days and times that had traditionally been quiet, are now very busy. Visitors come early and stay late. There is no mystery about the driving force. The Pompeii exhibit has been a winner from the first day that it opened. Visitors who had never visited the Arizona Science Center are now flocking in to experience this current attraction.

Many of the visitors arrive just in time for their allotted time, then stay and wander through the rest of the Center. And that results in a serious increase in the number of Shack visits.

There is an interesting by-product to all of this increased activity. Many local Hams are included in this flood of visitors. Surprisingly, few are affiliated with any club. The Shack keeps a good supply of the most recent ADAW. This is a great handout, in general, but an even more useful publication for a local Ham who does not know that there are many clubs that are ready to welcome them. The ADAW copies literally fly off the rack. As you read this Newsletter, keep in mind that your club newsletter is being read by a group that includes new Hams who were not aware that you are there. It is probably a good idea to write your ADAW contribution in a way that is attractive to new Hams. Make it easy for that newbie, or a Ham who has recently moved here, to contact you, to find you, and to get some idea of what it is that you are doing. Make it clear that this new reader has been missing out on the fun, but it is not too late. Here is your chance to make your newsletter a recruiting tool. That will be a real service to those local lonely Hams.

This seriously increased level of activity has strained the Volunteers and it has also exposed the limitation of the present Shack design. Two operating stations cannot adequately serve the large number of visitors in a way that responds to the W7ASC mission statement. It is a big help when there are three volunteers. Two are engaged in teaching Morse code while the extra volunteer can answer questions and hand out literature. With increased attendance, together with the signs that offer the teacher package, many more visiting teachers are coming forward. There is, as you know, plenty of good handout material. Bob, KG7QJ does a good job of keeping the racks full of current information. Those teacher packages, originated by John K7JP, have sent information on Ham radio to many classrooms.

Continued Next Column

No Report Received

ADAW

**GROUNDHOG
DAY
February 2nd**

CARL Continued from Previous Column

As W7ASC moves well into its second decade of Public Service at the Arizona Science Center, the current visitors seem far better informed about the Amateur Radio Service. The Shack has become a "Destination" for many visitors. There is a big change in the attitude of school groups. Volunteers are encouraged to meet so many repeat visitors.

And that brings us back to the point about resources! There is really room for a few more volunteers. There have been days when a volunteer, operating alone, could serve the "crowd" and still have time for lunch, and even a little DX. There have been days when a single volunteer could not keep up.

Thinking about volunteering? This is the right time. For information and an application, call the Ham Shack at (602) 716-2082. But please be patient. The volunteers on duty might be hip-deep in visitors, The phone WILL be answered. For a place on the volunteer schedule, contact Sam N7INV pdlstl@aol.com. This is a fun way to perform a Public Service.

Your faithful scribe can be contacted via email at jeanjol@hotmail.com. By phone, it is 480-664-7353 in Ahwatukee.

73 de W4CIH Jean

ADAW



HAMS-HELPING-HAMS

When people think of Amateur Radio, the big tower in the backyard may come to mind. People still join the hobby to explore new and evolving technology. Many become Hams to use their radio skills to help the community through Public Service and Disaster/Emcomm. People still talk around the world with a desire to meet people and socialize.

Our Amateur Radio community takes care of our own. On more than a few occasions, Hams have helped Hams out during difficult situations. Whether getting the truck stuck, injury on an event or even a personal situation, Hams have been willing to step up to help and never leave a fellow ham without assistance.

My personal experience with hams-helping-hams began 20 years ago when I was cut off by a car on my motorcycle. As I was talking to Hams on 146.940-, Hams came to my rescue, by calling 911, Three Amateur Radio Operators showed up on-site to help me. I still know hams today.

Unfortunately, I have attended multiple funerals for fellow hams or their families. At each of these, the presence of Amateur Radio Operators was noticed and appreciated by the families. This caring spirit was witnessed recently when we unfortunately lost a couple of our own.

Within MCECG, hams give their time, at their own expense, during many weekends of the year to support various events which raise money for charitable organizations. Hams give to these organizations much more than communications. Radio Operator Volunteers provide a variety of assistance to the participants. Many of the events result in Hams getting together for lunch and to get to know each other.

ARA repeaters are used to support many of these events and other aspects of the hobby. Volunteers realize that the hobby is more than just the radio. Visit www.mcecg.org to see what opportunities are available.

Radio Operators may be interested to know that every Saturday night, you can find Hams at the weekly "Hamfeast" sharing dinner and building comradery. This is open to all and is held at various locations throughout the valley. Look for the latest location on the Yahoo Group, HamservAZ.

I encourage you to take time to meet your fellow hams and enjoy, and share, our hobby

73,
Brian McCarthy, AK7F

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.

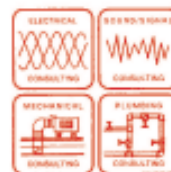
The **West Valley Amateur Radio Club** has radios and ALL kinds of supplies available for sale through the club. We get some old equipment that won't sell that will be added to the items for free. Contact: Ken Jenkins, WB6MMV at kjenkins5623@gmail.com or Bob Kettler WA6MIO at rdkettler@msn.com.

WANTED:

I am looking to purchase an alinco DJ-G29T 222/900 MHz Dual-Band HT. If you have one to sell, please contact: Larry Stafford, N7WBU, 3527 S Chesin Drive Tucson, AZ 85730-2319 -- email: TFDFF@cox.net

ADAW

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(480) 945-7020 (FAX)

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.

Hamfest Calendar

5 February 2018 - **WVARC Annual Auction** - hosted by the West Valley Amateur Radio Club will be held at St. Clememt of Rome Catholic Church Social Hall, 15800 Del Webb Blvd in Sun City. Doors open at 6:00 PM. For information, contact Jim, N7YTI at 623.214.9219

16-17 February 2018 - **2018 Southwestern Division Convention/Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Visit the web site at www.yumahamfest.org for additional information.

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** (date tentative) - 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

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

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Welcome to 2018 and another year with few or no sunspots to help propagation. The year starts off with a bang as Eritrea is back on the air with E31A covering all bands/modes, including 160m for the first time. Tonight was their first night on Top Band and they were copiable for a few minutes close to their sunrise. Of course, the BIG ONE in our immediate future is Bouvet Island, 3Y0Z, where a large team of DXpeditioners will put this extremely rare Antarctic island on the air for several weeks. Many of us are dreading the massive pile-ups, but hoping as they thin out that we will get a new one in the log. For me, it is a chance to edge one step closer to Digital Honor Roll, fingers and toes crossed.

By the time this is published, our Annual Awards Banquet will be history. We had 79 members and guests in attendance at the PERA Club. Congratulations to the 2017 DXer of the Year, Larry Loen, WO7R, and the winner of the Presidential Service Award, Tom Boza, NE7X. Both awards were very well deserved.

Our Banquet was very special this year as we celebrated the legacy of the Navajo Code Talkers. The program was presented by Dr. Laura Tohe, Associate Professor at ASU and author of the book Code Talker Stories. Laura's father was a Code Talker and she interviewed many others for her book. Also in attendance was Herb Goodluck, N7HG. Herb has a strong connection to the Code Talkers as well through his father. Herb runs a Special Event Station in Window Rock every August, N7C, to celebrate the memory of these war heroes.

After not adding any Honorary Members to the club for several years, we took the opportunity of the Banquet to award Honorary Membership status to both Herb, N7HG, and Fred Lloyd, AA7BQ, the founder of QRZ.com and a past speaker at the club. CADXA was pleased to recognize both individuals for their ongoing contributions to this wonderful hobby of ours.

Next Meeting is February 1st at PERA Club

Our next meeting will be on Thursday night, February 1st, at the PERA Club beginning at 7:00 p.m. The program will be presented remotely by Michael Walker, VA3MW, from Flex Radio on the evolution of Software Defined Radios (SDRs) and how Flex has changed the way we will think about radios in the future. Mike is also an expert on operating a remote station and has been running a remote base since 2005. Those

Continued Next Column



MMRG had its annual board meeting and officer election just after the Thunderbird swap meet on January 13, 2018. There were nine officers present and one visitor. The slate of officers remains pretty much the same. Bob K7POF President, Ray N6MY Vice President, Lori WA7EDI Secretary, Bob K7POF Treasurer, Board members are Phil WA7UID, Jerry KB7CN, Sonja WB7CWW, Peggy KD7AWU, Butch K7JOG, Gary K7GH, and Ken KK7KEN.

New members:

Clyde Stanton WA7GQN of Prescott, AZ
Kevin Scofield KD0VHD of Como, Colorado
Doug NO1D and Shelia KI7LXI Theriault of Prescott Valley, AZ
Pamela Scofield W8CZL of Prescott Valley, AZ

The IRLP Node 5050 on the 442.150 is back on after an absence during the holidays.

MMRG wishes to thank all of its members for their support during 2017.

73 Bob Sitterley K7POF

ADAW

CADXA Continued from Previous Column

of you with Flex radios can get advice on how to make them work better and those without Flex radios can consider the advantages/disadvantages of taking the plunge into the SDR world.

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



Newsletter articles enter a time warp. As I write this, it's before the Thunderbird Amateur Radio Club hamfest, but by the time you read it we'll have put our trash away, taken down the last table and folded up the tents until next year. Thanks to everyone who came out! Thanks as well to the many volunteers who made it happen. The predawn contingent met on Saturday, January 13 and made sure vendors were in the right places, and that you'd have a place to park. Club members spent hours before then organizing the event, and once again it was one of the top hamfests in the valley. I hope you found some great deals. Congratulations to everyone who helped out!

We've learned who the new executive is for 2018. As expected, Brian McCarthy AK7F is our new president, and Chris Johnson K6OZY continues as vice president. Darren Johnson AF7CO stays as treasurer, and Gary Cline AF7BJ remains our secretary. Your directors are Wayne Hale W6IZK, Robert Fairfield K7RQN, Clair Wyant KG7MAJ and Andrew Cornwall KF7CCC.

We're especially glad to have Brian and Clair - both are new this year and will be bringing great ideas to the board. Brian was behind the constitution/bylaw changes last year, and brings a wealth of knowledge about repeaters and emergency communications. Clair continues to take care of membership, and is currently filling his backyard with HF antennas. Say hi to them at the next club meeting!

As most members know, in December the Thunderbird Amateur Radio Club became a 501(c)(3) nonprofit organization. We don't expect this to cause many changes for TBARC. We were already contributing to the community, which is one of the requirements to be a 501(c)(3). Behind the scenes, the board is restructuring how we track and report on our activities, but TBARC will continue supporting the Salvation Army and our local hospitals. We will continue to provide public education and encourage participation in public service and emergency communications. We will now be able to issue tax receipts for donations, and can take advantage of many benefits that corporations routinely provide for 501(c)(3). We'll continue to have great presenters every month. Look for future announcements with additional details.

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

Public Service Calendar

Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Runner's Den Pancake Run	E Phoenix, Paradise Valley Mall	02/04/18
Xterra - McDowell Mtn	Fountain Hills	02/04/18
Black Canyon 100K	Spring Valley to the Emery Henderson Trailhead	02/17/18
Lost Dutchman Marathon	Apache Junction	02/18/18
JROTC Shopies Flats	NE of Wickenburg	02/24/18
Xterra Black Canyon Trail Run - Black Canyon City		03/11/18
Phoenix Orienteering National Qualifier	First Water	02/25/18
Xterra Black Canyon Trail Run	Black Canyon City	03/11/18
Mesquite Canyon	Waddell	03/17/18
Tour de Cure	Midwestern University 59th Ave & Loop 101	03/17/18
Crown King Scramble	Lake Pleasant - Crown King	03/24/18
El Tour de Mesa	Mesa	04/07/18
March of Dimes March for Babies	Wesley-Bolin Park, Downtown Phoenix	04/14/18
Pat's Run	Sun Devil Stadium & Tempe Town Lake	04/21/18
Zane Grey 50 Highland Trail Run	Mogollan Rim on the Highline Trail	04/28/18
Phoenix Half Marathon	Downtown Phoenix	11/04/18
Scottsdale Half Marathon	Scottsdale Civic Ctr	12/09/18

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.

TBARC Continued from Previous Column

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 p.m.. See the club website at w7tbc.org for directions. In February, it sounds like we may be learning about an earth-moon-earth (EME) remote station in Maricopa. Does that make it an EMMME (earth-Maricopa-moon-Maricopa-earth) station? Join us and learn more!

Andrew Cornwall KF7CCC
kf7ccc@arrl.net

Continued Next Column

ADAW



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. 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, there is a Ham breakfast at the 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 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 Tuesday's at 7:00 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.

I am sorry I do not have more, but illness has me down. I will recover.

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

Ed Nickerson WU7S
enickerson427@aol.com

ADAW

ADAW



Tom Fagan K7DF



The Quarter Century Wireless Association, Inc.

Presents the

55 Year Longevity Award to QCWA Chapter 16

In commemoration of the 55th Anniversary of its Charter, conferred on the 11th day of October, 1961, for having continued to fulfill its obligations and requirements as set forth in the provisions of Article VI of the By-Laws, and for having maintained a membership of outstanding amateur radio operators who have contributed their services to their communities and to their country.

This Award is issued by authority of the Board of Directors of the Quarter Century Wireless Association, Inc. on this 11th day of October, 2017

K. Blalock-Vesaro
President, QCWA Inc.

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



It's been a very busy time at the Red Cross these past few weeks. We've had an active work crew just about every Wednesday working on everything from pulling cables to installing new antennas, coax, and computers to being domestic with general housekeeping chores.

We've also been busy replacing some antennas on our Communications Van (ECRV) and installing radios. With the ECRV, it's our plan to attend various Hamfests to show it off and to recruit new members. For our first outing, look for us at the Yuma Hamfest in February. We in the Phoenix Chapter are very fortunate to have this rare resource available to assist in emergency communications. So visit our website and look at some of the pictures of our ECRV. www.k7arc.org

Our thanks go to all who have helped in restoring the communications capabilities at the Phoenix Red Cross, back to normal. A special salute goes to Steve W7WSV, Gary K7GH, Peter KD7OIW, Frank KB7IQ, Larry AA0LB, and Charlie N2TFS for their tireless efforts.

First, we now have all of our HF antennas and rigs working. Most issues were antennas, bad coax, and connectors. This is understandable when you consider this stuff sits outside and open to the elements and our brutal summer sun. We also got the rotator wired up and functional on the tri-bander.

Second, we have the UHF repeater back up with the new antenna and coax. It is in a temporary position until we can move it to a higher and more permanent location on the building.

Have you checked out our website recently? We have added a "For Sale" section so that members can offer items to the general public. We will also have surplus ARCCC items for sale soon.

Did you know we have a net on Tuesdays at noon? Yep, we have partnered with the Public Service Amateur Radio Group to have an informal net to discuss various activities within the PSARG and the Red Cross. We have recently started an HF net on Wednesdays at 1:00 PM, mainly to check out our HF capabilities. Listen and perhaps join us on the K7ARC VHF repeater (146.84 – 162.2 PL) for both nets.

Your Humble Scribe,
Mark, N7KKQ

According to our bylaws and charter, the Maricopa Amateur Radio Association, Inc., voted in new board members in 2018.

Those members are:

- Ron Beasley, KG7MUV
- Bob Howard, W8RH
- David French, N7FAN
- Dale Dallon, KB7DD
- Greg Harding, KG7VNZ

We issue a sincere thank you to each of you for your service to our club.

Our club is making preparations for Winter Field Day on January 27 and 28. We will be holding Field Day at the Pinal West Park. Everyone is invited to participate. There will be directions and details published on our website at www.copahams.org.

For the last couple of months, there has been a lot of discussion on the direction on recent decisions and proposals by the ARRL Board of Directors. I won't go into the details here, but the discussion has been well published on QRZ.com, CQ Newsroom, and other ham radio media. It appears that the ARRL board is taking control of the organization to the extent that members have very little to say about who their leadership is, and Directors are not able to discuss issues with membership.

As an ARRL affiliated club, MARA supports the ARRL in most endeavors. We believe that in the last 100 years, the ARRL has done much to promote and advance amateur radio. We would like to see that happen for the next 100 years, which is why we took a formal stand against these dictatorial proposals. We're not the only club to do so.

Everyone should take a few minutes to review the issues and decide for yourself, then take a stand. You don't have to be an ARRL member to benefit from the many accomplishments of this great organization. Logbook of the World and the Spectrum Defense Fund are two examples. Keep the ARRL representative of individual ham radio operators, not an HOA-style bureaucracy that issues censures, directives, and edicts.

73,
Steve, W6SDM



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.

February Test Sessions

Feb 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

Feb 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

Feb 3rd - DeVry ARC & WVARC -- 9:00 AM
 DeVry University Library, 2149 W Dunlap Ave, Phoenix
 Contact - David Morrill 623.680.5011

Feb 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

Feb 12th - Radio Society of Tucson -- 7:00 PM
 Hardesty Mid-Town Police Bldg, 1100 S Alvernon, Tucson
 Contact - Diane Zimmerman 520.664.5070

Feb 17th - Un-sponsored -- 10:00 AM
 Kingman Fire Station #1, 2470 E Butler Ave, Kingman
 Contact - Daniel Miller 928.897.3883

Feb 17th - Hualapai ARC -- 10:00 AM
 Northern Arizona Fire District, 2470 E Butler Ave, Kingman
 Contact - Alyce Ingle 425.234.9173

Feb 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

Feb 20th - Boy Scout Troop 127 -- 8:00 PM
 St Francis Xavier School Library, 4715 N Central Ave, Phoenix
 Contact - John Kelly 602.264.6854

Continued Next Column

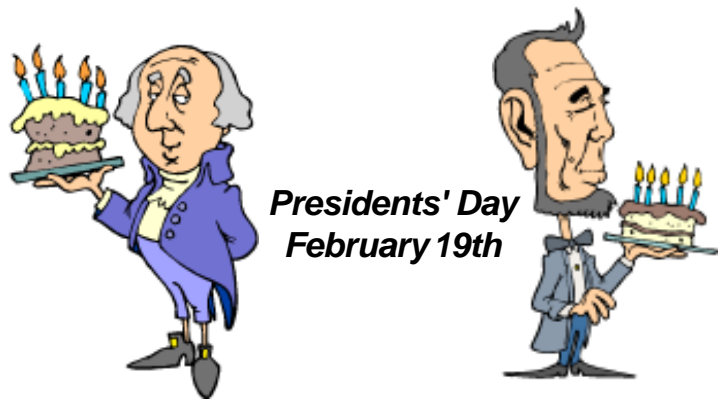


Arizona Near Space Research will be flying at the Yuma Hamfest and Southwestern Division Convention on February 17. Weather permitting, we will launch around 9:00 AM. You will be able to get up as close as safety permits and see how we send payloads into near space.

If you've never been to one of our launches before, this is a perfect opportunity.

You can find out more about ANSR on our website at www.ansr.org.

73,
 Steve, W6SDM



Test Sessions Continued from Previous Column

Feb 21st - Thunderbird ARC -- 6:00 PM
 Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix
 Contact - James Skinnell 602.826.1949

Feb 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

Feb 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



17th Annual Lost Dutchman Marathon, Sunday, February 18, 2018

Lost Dutchman Marathon has been an annual club event for years. Its Amateur Radio volunteer list is run by the Maricopa County Emergency Communications Group (MCECG). To sign up, please go to the MCECG website, www.mcecg.org and log in or create a new account to log in with. Their account creation process will ask you such basic questions as your means of transportation and your portable/mobile radio gear and solar/battery, if any, power source that you can bring.

The Marathon course begins in Gold Canyon, at the Peralta Trailhead, follows Peralta Rd to US 60, takes a loop from 60 up through Gold Canyon and back to US 60. The race follows 60 past the face of the Superstition Mountains and then exits onto Apache Junction city streets, just short of the Superstition Freeway's start.

Speaking of the Superstition Mountains, did you realize the range runs 40 miles to the east? The mountains we see from Apache Junction can be seen as a mirror image from Gold Canyon, but that is not the entirety of the Superstitions!

The club has lent its 147.12 and 449.60 repeaters to MCECG for its use through the years to run its race support net. The support net is used to keep tabs on the whereabouts of runners for the P.A. announcer and, more importantly, to render first aid or to dispatch transportation for fallen runners.

On Sunday, February 18 from 7:00 AM onwards till typically 2:00 PM, or whenever the Net is officially closed, we ask that radio amateurs not involved with the Marathon avoid use of the repeaters.

Fantastic Christmas Party, great attendance!

We filled the room at Golden Corral with perhaps one of the largest attendances ever, and enjoyed a great meal, spiced with cheery conversation.

Thank you to all who attended and we sincerely hope you enjoyed the holidays.

Hamfest Summary

The best news came during our holiday meal when the Hamfest report came out. The dollar signs needed to help us do what we do throughout the year were definitely in the black. Many good reviews were directed our way, and the weather was like springtime. We had vendors leave early, only because they were sold out!

Superstition Continued from Previous Column

The Superstition Amateur Radio Club thanks each and every one of you who attended!

SuperFest 2017 Prizewinners

From the SuperFest website, we have the names of everyone who won Prizes.

Main Prize Drawing: These tickets sold for \$2 each before and during the event. No presence was needed to win.

* First Prize Winner: Bob Hansen - NA7RH — Yaesu FT-991: All-Band Transceiver

* Second Prize Winner: Rob Monzipapa - AK7RM — Icom IC-7100 All Band Transceiver

* Third Prize Winner: Alan Lagerhavsén KD7RPX Yaesu FT-857D — Mobile Transceiver

Door Prize Drawing: These are the green tickets issued with Paid Admission (some of them were orange tickets). Must be present to win.

* Door Prize Winner: Chad Anderson - KF7YTG — Yaesu FTM-100DR: Dual Band Transceiver

Hourly Drawing: These tickets were sold at the event for \$1 each. Must be present to win.

* 9:00 a.m. - Box # 2 - Karda Rollins - KE7EE

* 10:00 a.m. - Box # 3 - John Stevenson - KG7ARG

* 11:00 a.m. - Box #4 - Gary Lenzi - W7MIN

* 12:00 p.m. - Box #1 - Thomas Wertz - KI7HBM

Congratulations to all of our prizewinners! (I must add that this is the most complete listing of who has won at any of our events that I have ever seen and have had the honor to publish. For that alone, I extend a hearty Congratulations to our Hamfest Team, which is already starting plans for December 1, 2018!)

Club Meeting February 20 at 7:00 PM

The club General Meeting is always open to visitors and guests; we do our very best to make you feel welcome!

We meet on the THIRD Tuesday of each month except December (that'll be February 20), at 7:00 PM in the Charles K. Luster Building, 640 N Mesa Drive, and our meeting usually concludes by 9-ish. The Presentation is unknown at the time of this writing.

73,

Larry Kuck, WB7C

ADAW

Continued Next Column

Old Pueblo Radio Club INTERMOD

President's Column

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



Emergency Communications Since 1961

SHORT SKIP

No Report Received



**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@arll.net

Superstition Continued from Previous Page

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, 6:30 PM

East Valley Swap Net: Thursdays, 7:30 PM

National History Net: Thursdays, 8:30 PM. 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.

ADAW



February 13th

Looking for a Ham Home?

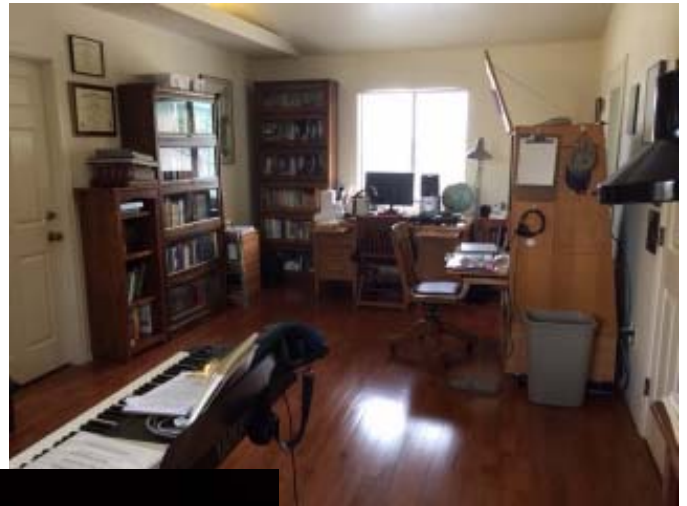
Rare in the valley: no HOA and towers under 75 feet require only building permit. Ham friendly neighbors.

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 master BR 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

W6EW



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\$600
Kilobaud
compare

TS-990S | 200W HF + 6M Transceiver

- World's first dual TFT display • 200W output on all bands • ± 0.1 ppm 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)

Call For Special Price!



\$40
Kilobaud
compare

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

Call For Special Price!



\$250
Kilobaud
compare

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

Call Now For Low Price!



NEW

\$300
Kilobaud
compare

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

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!



\$25
Kilobaud
compare

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

Call Now For Your Low Price!



\$40
Kilobaud
compare

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

Call For Special Low Price!



\$25
Kilobaud
compare

TM-281A | 2 Mtr Mobile

- 65 Watt • 200 Memories • CTCSS/DCS • Mil-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

Call For Special Low Price!



- 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

PENCIL IT IN - THE 2018 YUMA HAMFEST is Friday, Feb 16 & Saturday, Feb 17, 2018 and HRO PHOENIX will be selling there this year!!! We would LOVE to see you in Yuma!

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