

4529 W. Park Place Glendale, AZ 85306-1512







Arizona Desert Aire Waves

Vol 44, No 3

March 2019

CLUB MEETING SCHEDULE

SARC

Mar 6th Scottsdale Senior Center 7:00 PM

OPRC

Jun 12th Marshall Conference Ctr at Tucson Medical Ctr 7:15 PM

CADXA

Mar 7th PERA Club 6:00 PM

AARC

Mar 14th Red Cross Bldg. - Phx 7:00 PM

TBARC

Mar 21st North Phoenix Campus Northern Arizona University 7:00 PM

CARL

TBA
AZ Science Center
Call for Time

ARCCC

TBD American Red Cross Bldg Phoenix 9:00 AM

SuperstitionARC

Mar 19th Charles K Luster Bldg 7:00 PM

MARCA

Mar 19th Denny's Restaurant - Tempe 6:30 PM

ANSR

Mar 21st via GoToMeeting 7:30 PM

OVARC

Mar 15th Ascension Luthern Church 7:00 PM

KARC

Mar 12th Solterra at White Mtn - Show Low 6:30 PM

WVARC

Mar 4th Shephard of the Desert Luthern Church 7:00 PM

ARA

Mar 28th Denny's Restaurant - Tempe 7:30 PM

MARA

Mar 2nd Maricopa PD Community Rm 9:00 AM

YARC

Mar 7th
Prescott Rodeo Grounds
7:00 PM

TCARA

Mar 18th Goodyear City Hall 7:00 PM

QCWA-AZ Chapter

March/April Tucson Area 12:00 PM

ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURS-DAY** 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	Mark Kesauer	N7KKQ	602.843.0960
Secretary	Reinhard Geissle	er 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 <u>every Tuesday night</u> at 7:00 p.m. on the 147.78/.18 repeater.

cutor.			
President	James Wasson	N7ELL	480.456.1154
Vice President	David Yee	N7AJR	
Secretary			
Treasurer	Ed Nickerson	WU7S	480.949.5162
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Irv Hembeck	K0OTZ	
At-Large	David Yee	N7AJR	
	Bill Kouchis	N9EIV	602.723.0700
	Ray Vasquez	K4RMV	(ARCA Rep)
	Bruce Harmsen	KA9EYX	
	Chris Tabor	K7TAB	

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 THURS-DAY** of the month at 7:30 p.m. via GoToMeeting. Technical meetings are held the first Monday of the month at 7:30 p.m. on GoToMeeting. Please contact an officer about joining our meetings.

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

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



THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURS-DAY** 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	president@w7tbc.org
Vice President	Darrell Bradshaw		vicepresident@w7tbc.org
Secretary	Gary Larson		secretary@w7tbc.org
Treasurer	Bob Townsend		treasurer@w7tbc.org
Board Members	Clair Wyant	KG7MAJ	kg7maj@w7tbc.org
	Kenneth Charleto	on K4FZH	k4fzh@w7tbc.org
	Nick Holaday	KI7HZQ	ki7hzq@w7tbc.org
	Andrew Cornwal	1 KF7CCC	kf7ccc@w7tbc.org
Past President	Gary Duffield	WK7B	wk7b@w7tbc.org

For further information about the ThunderBird Amateur Radio Club, visit our website at http://w7tbc.org, send an e-mail to: info@w7tbc.org or call 602.938.8219. The Thunderbird Amateur Radio Club is a 501(c)(3) non-profit organization. Mailing address: PO Box 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 Director	rs: 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	Ron Kalish	N7SPW 146	5.660, 147.220-
	Paul VanBeverh	oudt KA7LF2	X 224.06+
Secondary	Ted Willis	AA7HX	146.66-
	Paul VanBeverh	oudt KA7LF2	X 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.

Pre	sident	Peter Petrotta	KD70IW	
Vic	e President	Charlie Zurenko	N2TFS	
Sec	eretary	Rob Rodriquez	KI7PDR	
Tre	asurer	Mark Kesauer	N7KKQ	602.843.0960
Pas	t President	Frank Engstrom	KB7IQ	

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

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
Summer Meeting
Fall Meeting
Holiday Meeting
Summer Meeting
Fall Meeting
Fall Meeting
December

March/April
June/July
Prescott Area
Phoenix Area
Carefree Area

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

President	John Marshall	WA7BSR	623.334.2583
Vice President			
Secretary			
Treasurer	Dave Hanson	W7BJw7bj	@outlook.com

WA7BSR

623.334.2583

Web Site: http://azqcwa.org Email: azqcwa@gmail.com.

DUES: \$7.00/year and current national QCWA membership.

John Marshall

MINGUS MOUNTAIN REPEATER GROUP

Webmaster

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 n6my	73@gmail.com
Treasurer	Bob Sitterley	K7POF	928.636.2146
Secretary	Lori Cripps	WA7EDI	602.955.7517
Board Members:	Phil Hazlett	WA7UID	
	Sonja Hazlett	WB7CWW	
	Peggy Williams	KD7AWU	
	Jerry Roberts	KB7CN	
	Gary Hamman	K7GH	
	Ken Rashback	KK7KEN	

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

KACHINA AMATEUR RADIO CLUB

The Kachina Amateur Radio Club meets the **SECOND TUESDAY** of each month at 6:30 p.m. at the Solterra at White Mountains, 5408 W White Mountain Blvd in Show Low.

President	Tim McFadden	K7DXA	
Vice President	Steve Herron	AG7GD	928.242.2558
Secretary	Marie Mortensen N7SKS		
Treasurer	Dennis Wilkes	W7DRW	928.739.4700

Mailing Address: Kachina Amateur Radio Club, P O Box 2996, Show Low, AZ 85902. Email: info@kachinaarc.org Dues are \$15/yr for individual; \$25/yr for family. Membership is January 1 - December 31. Website: www.kachinaarc.org

ARIZONA REPEATER ASSOCIATION, INC

The Arizona Repeater Association general meeting is held the **FOURTH THURSDAY** of each month at 7:30 p.m. There are no meetings in July and December. The November meeting is held the Monday before Thanksgiving. Meetings are held at Denny's Restaurant, 825 S 48th Street, in Tempe, near SR143 and University Drive. Visitors are welcome. Come early for food and social time before the meeting starts. For further information about the ARA, including repeaters, site status, and the tech/board meeting, please visit our web site at www.w7ara.org.

President	Brian McCarthy, AK7F	ak7f@w7ara.net
Vice-President	Erv Heimbuck, K0OTZ	k0otz@w7ara.net
Treasurer	Cole Cunningham, AA7	7RD aa7rd@w7ara.net
Secretary	Jim Hoff, N7XXX	n7xxx@w7ara.net
Board Members:		
Lance F	Halle, KW7LH	kw7lh@w7ara.net
Dennis	Bietry, KE7EJF	ke7ejf@w7ara.net
Doug P	elley, WB7TUJ	wb7tuj@w7ara.net
Joe God	lfrey, AE7JG	ae7jg@w7ara.net
Dennis	Campbell, AE7WU	ae7wu@w7ara.net
Mike M	Iontalvo, KF7MBK	kf7mbk@w7ara.net
Marty I	Ousenberry, KE7DGP	ke7dgp@w7ara.net
James V	Wasson, N7ELL	n7ell@w7ara.net

For Membership Information, contact (Joe Godfrey, AE7JG membership@w7ara.net) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit http://w7ara.org/mbr/Membership.aspx. DUES: \$18.00/yr. (Jan. 1 through Dec. 31) with a one-time initiation fee of \$10.00. Life and family memberships are available.

SUPERSTITION AMATEUR RADIO CLUB

The Superstition Amateur Radio Club meets 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:	Tony Manzo	W7KLV	
	Dan Karnes	W7TWR	602.502.5259
	Don Rollock	W2EULw2eu	ıl@yahoo.com
	Jeff Harris	K2DFE	602.617.6930
	Jeff Heinze	N7CCW	480.720.7908
	Jeff Marchesky	K7ZLX	602.628.0238
	RodFritz	WB9KMO	

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



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. Vistors 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.

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	Larry Loen	WO7R lwloen@gmail.com
Vice President	Tom Boza	NE7X qrz-dx@ne7x.com
Secretary	Bob Davies	K7BHM k7bhm@cox.net
Treasurer	Mike Wright	N7MW n7mw@aol.com
Past President	Lee Finkel	KY7M ars-ky7m@cox.net
Board Members	Fred Hoffert, III	NA2U cwman1@aol.com
At-Large	Reinhard Geissle	r K7RGG dl1uf@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.



YAVAPAI AMATEUR RADIO CLUB

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

President	BillNoe	W7PVA	president@w7yrc.org
Vice-President	Joe Thomas	KG6IDN	vice_president@w7yrc.org
Secretary	Art Jackson	KA5DWI	secretary@w7yrc.org
Treasurer	Jim Fortney	K6IYK	treasurer@w7yrc.org
Board Members	Kathy Laing	KJ6KMK	kj6kmk.yarc@gmail.com
	Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com
	Ray Kolman	KI7COM :	spudzman@gmail.com
	Dave Erlach	W7VSX	rocketdog@dslextreme.com

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

ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Ascension Lutheran Church located at 1220 W Magee Road in Tucson. (December is annual Christmas Party). Visitors are <u>VERY</u> welcome. Board Meetings are held at 9:00 a.m. at the Ascension Lutheran Church located at 1220 W Magee Road in Tucson. Check the web site at www.tucsonhamradio.org for dates.

President	Steve Wood, W1SR	W1SR@arrl.net
Vice-President	Mike Peterson K7VTT	azmacguru@gmail.com
Secretary	Carl Foster KB7AZ	carlfoster@cactuscomm.net
Treasurer	Hanna Eckert, KG7TPD	haneck@aol.com
Board Members	Fred Bresani W2HZ	
	Ross Eckert K4WBR	
	Gary Pierce AE7GP	
	Marnee Dearman KG7S1	O
	Tom Ambler W7TRA	

DUES: \$25.00/year (Household members living at same address \$15.00 each additional). To join or for additional information, visit website at http://www.tucsonhamradio.org/.

MARICOPA AMATEUR RADIO ASSOCIATION

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

President	Curt Steger	NA7CS	president@copahams.org
Vice President	Wayne Kropp	KI7SPW	vicepresident@copahams.org
Secretary	Bob Proctor	N6YPE	secretary@copahams.org
Treasurer	George Hogan	K7TGH	treasurer@copahams.org
PIO:	Steve Miller	W6SDM	pio@copahams.org
Webmaster:	David French	N7FAN	david@copahams.org

The Maricopa Amateur Radio Association is a 501(c)(3) non-profit organization. DUES: \$25.00/year individual, \$30.00/year family. Apply on-line at www.copahams.org. Mailing address: P O Box 951, Maricopa, AZ 85139

CENTER FOR AMATEUR RADIO LEARNING

The Center for Amateur Radio Learning is a hands-on amateur radio station, W7ASC, located within the Arizona Science Center at 600 E. Washington, Phoenix. Hours of operation are the same as the Arizona Science Center (subject to availability of volunteers.) 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
Sec./Scheduling	Sam Marshall	N7INV	602.291.0992
Treasurer	Karen McCona	ghy NO7D	602.799.7338
Board Members:		-	

Jean Jolkovski W4CIH ADAW, Publicity
Steve Warford WB4ZSC Tech/IT, CARL/ASC Interface

Tom Salt AD7PM At Large
John O'Neal K7JP Teacher Packets
Bob Burleson KG7QJ Trustee/President Emeritus

Robert Faerber W9AQ Log Book Ronald Taylor WA7GIL At Large Scott Gillins W2KP At Large

Direct Phone: 602.716.2082

Web Site: http://www.w7asc.org Web Master - Allyson Lee For information: Email to carl@w7asc.org or call Jack, KD7ROB at 480.759.5195.

TRICITY AMATEUR RADIO ASSOCIATION

The TriCity Amateur Radio Association meets the **THIRD MON-DAY** 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. No meetings are held in June, July, August, and September. (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	AK7N	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://n7tca.org.

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



WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club, an Arizona 501(c)(3) non-profit corporation, has been providing emergency communications since 1961. Meetings are the **FIRST MONDAY** of each month at 7:00 PM at Shepherd of the Desert Lutheran Church, 11025 N 111th Avenue in Sun City. The board meets the third Tuesday of the month at JB's Family Restaurant, 9889 W Bell Rd in Sun City at 2:00 PM. A weekly breakfast is held on Thursdays at Lou's Tivoli Gardens, 12535 W Bell Rd at7:00 AM. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. Please check our website (below) for other events and information.

President	Gary Robin	K9HDU	623.234.2252
Secretary	April Kramer	KI7GFJ	602.284.6212
Treasurer	Tom Connor	W7TLC	623.444.7956
Board Member:	Robert Paul	KG7FIL	623.252.0149
	Nancy Collins	KG6QWW	623.398.5286
	Many Blanco	KI7QLD	480.395.1653
	David Putman	W7DCP	253.307.0544
Past President	James Rogers	N7YTI	623.214.9219
Committees:			
Membership	James Rogers	N7YTI	623.214.9219
Support Commu			
	Kris Philo	AI8TT	623.853.0586
Technical Advis	sory Committee	Represent	ative
	Frosty Oden	NQ1S	602.899.8055

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.com.

Email: suncitywvarc@gmail.com.



The <u>Arizona Desert Aire Waves</u> 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**

ADAW Staff

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MARCAEDITOR		
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ADAW WEDSITE	<u>www.auaw.c</u>	<u>ng</u>

ADAW

Public Service Calendar

Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Mesquite Canyon	Waddell	03/09/19
Xterra Black Canyon Tra	ail Run	03/10/19
	Black Canyon City	
ADA Tour de Cure	North Valley	03/16/19
Crown King Scramble	Lake Pleasant to Crown King	03/30/19
El Tour de Mesa	Mesa	04/06/19
March of Dimes for Bab	ies	04/13/19
Wessley-B	Solin Park, Downtown Phoenix	
Pat's Run	Sun Devil Stadium at ASU	04/27/19
	and Tempe Town Lake	
Zane Grey 50 Highline T	rail Run	04/27/19
	Payson Mogollan Rim	
Barnburner Mountain Bi	ke Ride	09/07/19
Kendrick F	Peak (Northwest of Flagstaff)	
Mogollon Monster 100 Mile		
Tonto and	Coconino National Forests East	of Pine

To sign up for an MCECG Public Service Event: $\underline{www.mcecg.net}$

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





Daylight Savings Begins March 10th



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

The crew at the Arizona Red Cross Communications Club has been busy in February. To start, we welcomed one of our members back from Chino, CA after a two-week assignment. He was kept busy supporting Red Cross computer and network operations for volunteers helping residents impacted by the recent wildfires.

Our team is busy preparing for another Palo Verde Nuclear Station Drill in March. We've been testing equipment and running checks from various locations that might be affected. A training session is scheduled on March 9th to review protocols and expectations with all members.

We recently had the opportunity to tour the Phoenix Sky Harbor Command Center. Christopher Rausch, A.C.E., Airport Duty Manager, welcomed us to the Communications Center and Airport EOC while Jim Begansky, N6WS, the Red Cross liaison to Sky Harbor explained the role of the Red Cross in the event of an aviation accident. The Red Cross is tasked with several roles by the National Transportation Safety Board. Our thanks to Chris and Jim for making time to bring our members up to speed on what we might need to do in the event of an incident.

Some of our members were at the Yuma Hamfest with the Red Cross Command Post. Many folks stopped to check out the van and inquire about our onboard systems and capabilities. We also met some hams from California, Washington and Floria who volunteer for the Red Cross in their home states as well as a couple full-time RVers who also volunteer. Thanks to Charlie, N2TFS; Frank, KB7IQ; Larry, AA0LB and Peter, KD7OIW for their hard work in Yuma.

We plan to be at the upcoming Scottsdale Spring Hamfest on March 16th and will be cosponsoring the April 20th hamfest at DeVry University with our friends at the Arizona Amateur Radio Club. In addition to promoting emergency communications we will have information about the Home Fire Campaign, an ongoing program of the Red Cross. The Home Fire Campaign helps save lives by installing free smoke alarms in homes that don't have them, and by educating people about home fire safety. At hamfests, we will be offering free smoke alarm installation appointments for anyone who does not have a smoke detector or who is unable to replace an old detector. For more information on this important community outreach, visit the Red Cross Home Fire Campaign webpage.

We would also like to thank ARCA for their recent generous

Phoenix Sky Harbor Communications Center

On Wednesday morning, February 13, several members of the Arizona Amateur Radio Club and American Red Cross volunteers were given an excellent tour of the Communications Center at Phoenix Sky Harbor Airport. Christopher Rausch, A.C.E., Airport Duty Manager, showed us the Communications Center and gave us a very enlightening explanation of the airport operations.

I'm sure everyone was as impressed as I was at the complexities involved in airport management. The Communications Center contains numerous video screens which monitor the runways, of course, and the personnel in the center have various duties, monitoring and controlling the air activity.

Our thanks to Mr. Rausch for his time and effort to provide our group with a clear picture of airport operations. Thanks also to Charlie Zurenko, N2TFS, for arranging the visit.

—Lori Cripps, WA7EDI



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ARCCC Continued from Previous Column

donation of a military surplus tent that can be used to support disasters and training around the region. We are proud to be a part of the Arizona amateur radio community.

Those interested in learning more about the Arizona Red Cross Communications Club can check out our website at <u>k7arc.org</u> for more information.



AMATEUR RADIO SERVICE DEMONSTRATION STATION

C.A.R.L. Annual meeting was held and elections resulted in some changes to officers and Board of Directors. The new list is to be found at the W7ASC listing at the first pages of this ADAW.

A regular feature of this newsletter is the "How I Got Started in Ham Radio" article. This appears when we receive an input from one of the volunteers. This month we have a fine article from Jack KD7ROB. We have included his story with only a few edits. JJ

This is how I started in radio:

As a young boy of 12, I asked my dad one day what was this wooden box with dials and knobs sitting in a dark corner of the basement work bench. He explained it was a short wave receiver but did not know if it still worked. A few days later my curiosity got the best of me and I started to look at the radio and see what was inside. There was no back panel and I could see tubes and dial shafts. There also was an electrical cord. There was an electrical outlet on the wall next to the radio and of course I just had to plug the cord into the outlet. Nothing happened. So then I figured that may be I had to turn one of the knobs to turn it on. To my surprise, the on/off control, which had no cover, gave me a mild shock. Not to be retired I put on a work glove and turned the control. Click and the radio came to life. The dials lit up in the front and the tubes glowed in the back. I eventually brought the radio to my second floor room and set it up on a card table. I turned it on again having found a plastic knob that fit on the off control. For a while, I tried turning all the knobs to try and hear anything but to no avail. I finally noticed a connection on the back that was marked antenna. I remembered seeing a spool of wire on the work bench in the basement. I quickly obtained a length of wire, about 6 foot and brought it back up stairs and attached it to the radio. To my delight I started hearing strange signals. Eventually one night as I was wandering through the dials I came across Radio Prague. I was so excited. I called for my dad to come up to my room. My Dad was amazed the radio still worked and showed me on a map where Prague was located in Europe. That Christmas I received my first amateur radio receiver. It was a National NC-109 which I had through high school. This was the beginning of my ham radio interest.

My dad knew a ham who lived down the street (K1LNL) and

Continued Next Column



CHAPTER 16 BARRYM. 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.



CARL Continued from Previous Column

asked him for help in picking out a receiver. From there I spent some time with Carl at his shack. I remember him making a 10-meter contact with an Apache transmitter and letting me speak to the other operator who was in Sweden. That was the bug that got me interested. I enlisted in the Army after high school and did sideband communications on convoys in the Vietnamese Central Highlands.

I became a licensed ham in 2002 after taking a technician class at the Arizona Science Center.

Most readers can identify with Jack's story. No doubt yours is interesting as well. We would all like to read yours, so send it to this W7ASC newsletter editor so that we may send it out to the huge subscriber list. When you are reading this and wish to learn about volunteering at W7ASC, the Ham Radio demonstration station at the Arizona Science Center, you may call directly to the station at 602-716-2082, or you may contact this editor, or any of the officers who are listed at the front of this ADAW newsletter.

73 until next month, de W4CIH jeanjol@hotmail.com 480-664-7353





As I write this, I am looking at the seminar schedule for the February 15-17 Yuma hamfest which will be history by the time you read this. We are fortunate to have within our state an event filled with seminars from exceptional radio amateurs such as Bob Allison, WB1GCM, from ARRL Headquarters, and Gordon West, WB6NOA.

Looking to the future, the Arizona Amateur Radio Club, along with the Arizona Red Cross Communications Club, is in the process of planning its annual hamfest event at DeVry University on April 20, 2019, starting at 7:00 AM, lasting until approximately 11:00 AM. DeVry University is located at 2149 W. Dunlap Avenue in Phoenix, Arizona. We hope to see you there.

On March 9, some members of the AARC will participate in an exercise with the Palo Verde Nuclear Generating Station, located near Tonopah, about 45 miles due west of downtown Phoenix. The annual exercise scenario is a simulated radiation release from the plant that causes evacuation of people to Wickenburg. The Red Cross will be using amateur radio for communication between the Phoenix Red Cross Building and the Wickenburg shelter.

The March meeting of the AARC will be on Thursday, March 14. It will include a report on results of the exercise.

73, Lori, WA7EDI



Frank KB7IQ, John K6JWA, Reinhard K7RGG & Charlie N2TFS around the campfire at Quartzfest 2019

Ingrid W7ISG getting ready for the Lunar Eclipse at Quartzfest 2019





Well, the brutal operating conditions of Winter Field Day have come and gone for another year. It was tough to slog through all the beautiful weather. We operated as "2-Outdoor" class. The HF station made 10 contacts on SSB, operating on 40 and 20Meters. The skip was short so most of these were from the western part of North America, from Texas to British Columbia. The farthest east was Illinois. We also had one contact with Hawaii.

Throughout the time we operated, we enjoyed very low noise levels and could hear many stations from farther east, but the signals were very weak (S-0) and they could not hear us.

We look at this event as more of a chance to try out new antenna designs, make sure solar panel modifications work, and generally stand around and socialize. This year we had 12 - 15 people come out and enjoy the day, the weather and conversation

In other news, we have repeater updates this month! The 2M repeater, 145.210 -600Khz PL 162.2, now has a functioning pre amplifier. It turns out there was a broken wire in the power cable. It is now working at peak efficiency, and I think everyone using it will be happy with the performance.~

Chris, W7CGC and Steve, W6SDM built and provided a 2M APRS digipeater for the club to install at the Maricopa CAC campus. You can check on its performance at aprs.fi and look for W6SDM-11. It has been "heard" and picked up signals as far away as Oro Valley to the East, Carefree and Morristown to the North, Mobile and parts of I-8 almost to Gila Bend to the West and Kitt Peak to the South. In short, it has phenomenal coverage for APRS. Thank you, Chris & Steve!

Next on the Repeater to-do list is to pull 260ft of hardline into the repeater room and mount an antenna on the tower for the Wires-X repeater. Hopefully this can be accomplished by the end of March. It all depends on getting the antenna tuned and scheduling climbers from Phoenix to come down and mount the antenna.

If you want to try out the Wires-X Repeater at its temporary location, here is the information:

"146.780, -600Khz, PL 100.0, Wires X Node 18445/Room 28445, Auto/Auto Mode"

And finally, Curt, NA7CS tells us there is a new club in Casa Grande!! The club primarily consists of winter visitors, with a

Continued Next Column

MARA Continued from Previous Column

handful of full-time residents. They currently have meetings every Monday from 3:00 PM to 5:00 PM in the Saguaro Room at the Palm Creek RV park in Casa Grande. They are looking for some speakers as well. Two subjects that he is aware of are DMR and stealth antennas. If anyone in MARA has anything they would like to present to them, either at our club meeting, or down there, let Curt know.

On the same topic, we are looking for people that would like to present any ham-related topic at our club meetings. Also, if anyone would like to hold a ham-related class/seminar outside of the club meetings, let us know.









Hello all,

Boy, does time fly by quickly, especially the older you get. This last month has had some significant notes. The most significant one is that the SARC HAMFEST does have a new venue. Our HAMFEST will be located at Coronado High School, 7501 E. Virginia on Saturday, March 16. The hours are basically 7:00 AM through Noon. There will be hourly drawings (need to present to win) and Grand prize drawings (don't need to be present for the grand prize drawing) Entrance fee is \$5.00. Dealers fee is \$20.00 for 2 parking places, which will be strictly enforced. There will be NO overnight parking allowed, and RV parking will not be allowed because of the limited space available.

This last week a close fishing friend of mine called me with a request that I look at a personal machine shop in Yarnell, AZ. A relative of his was looking for someone to handle the sale of it. All things considered, I did purchase it. It will enhance my own shop. I now need to find individuals/businesses that can handle the moving of the heavy machines.

So much for all my trials and tribulations. Our Saturday breakfasts have been dwindling in attendance. We are looking for suggestions to improve our attendance. Any suggestions would be appreciated. Email me at w7efq@arrl.net.

Our HIP (Ham in the Park) is being very successful. At the last one, we measured the antenna parameters of a 20M dipole and a 40M dipole. In the Past, we have also measured propagation through WSPR. Lately, we have been focusing on FUSION VHF/UHF communications, but have also been discussing various HF digital modes.

The program for the March club meeting will be addressing the various positions needed for the HAMFEST

73's Paul W7EFQ



For Sale / Wanted



LOOK!
Great Deals!

For Sale -

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.





SARC CONSTANTS:

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

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





The 2019 OVARC Election results are in. Thanks to all that expressed their interest in helping OVARC grow and flourish. Many members asked what was required to be on the board. Making a difference to the organization quite often takes you away from amateur radio because you're spending more of your time planning events, etc. The upside is your contributions make amateur radio more enjoyable for others. It's a great hobby and with the extra efforts of the directors and a handful of others that help determine our future course, our club will continue to grow and create educational and operating experiences for the members.

Congratulations to Mike Peterson, K7VTT for his election to the board. Just after he became a Director, he was elected to club Vice President. Excellent! Tom Ambler, W7TRA was also elected as a Director. Tom is a fine example of how fast an individual can go from one casually interested in amateur radio to an Extra Class licensee and then on to board membership. Way to go, Tom! Marnee Dearman, KG7SIO was also elected to another term as a Director.

We've got many activities in the works for this Spring. David, AK2L will begin another Technician Class licensing class shortly. David does a fabulous job teaching amateur radio and sharing his own amateur radio experiences makes the classes quite interesting. Thank you, David, for doing this. Perhaps there is an opportunity for a few Southern Arizona clubs to come together in the future to host an Extra Class instruction. No doubt this will take more time and effort and would probably require several instructors.

Thanks to the Green Valley Amateur Radio Club for allowing us to use the Discone Antenna at the Titan Missile Museum. We'll be operating there during the last Saturday of the month, February 23. Please come by if you're nearby and say hello. We're especially open to winter visitors stopping by for a chat.

The club is very grateful to members and nonmember for making some generous donations to the club. Thank You! As you may know, we have a Fall Hamfest every year and donated items are critical to our success at that event. Keep them coming.

Quite a few members are involved in CWOPS and have expressed the thrill of operating CW. Great to see this part of our hobby continue! Thanks to the CWOPS instructors for doing your part to keep CW alive and well.

Next month we'll be that much closer to the Dayton Hamvention and Field Day. More on that in the next edition. 73 for now! Steve, W1SR



The Mingus Mountain Repeater Group (MMRG) held its annual board meeting on January 12, 2019 in Phoenix.

The officers for 2019 are as follows:

Robert Sitterley, K7POF, President & Treasurer Ray Tyrrell, N6MY, Vice President Lori Cripps, WA7EDI, Secretary Phil Hazlett, WA7UID, Board Member Sonja Hazlett, WB7CWW, Board Member Peggy Williams, KD7AWU, Board Member Jerry Roberts, KB7CN, Board Member Gary Hamman, K7GH, Board Member Ken Rashback, KK7KEN, Board Member

TECHNICAL COMMITTEE
Bob Sitterley, K7POF, Chairman
Jerry Roberts, KB7CN, Tech. Committee Member
HISTORIAN Vacant

GUESTS

Bernice Kirshner, Kimberly Beltran, Sandra Daily, Jim Ray, KF7SM; Mike Williams, KC7QKS

On February 2, the 147.00 repeater on Mingus Mountain was used by the Yavapai Amateur Radio Club to communicate for the "Run Sedona." Net Control Station was the Yavapai County AREC/RACES Mobile Amateur Radio Communications Van called the MARC. The reports that we received were favorable with all aid stations able to communicate with NCS with hand helds with the exception of one that had to use more power and a better antenna. The club's Public Service event team did a great job on this event.

Bob Sitterley K7POF



Hamfest Calendar

16 March 2019 - **SpringFest** - hosted by the Scottsdale Amateur Radio Club. Coronado High School, 7501 E Virginia Avenue in Scottsdale. Hours are 6:00 AM until 12:00 noon. Admission is \$5.00. Spaces are \$20.00 for 2 parking spaces which will be strictly enforced. Refreshments, Tailgating, Door Prizes and Raffle Prizes. Sorry No Overnight Parking permitted due to limited space. Talk-In: 147.18 (PL 162.2). Visit the website at http://www.scottsdalearc.com for all the latest information.

30 March 2019 - **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 - 6:00 AM - 11:00 AM. Free Admission and Buyer Parking. Tailgate Spaces \$10 per Parking Space. Free VE Testing at 9:00 AM - GOTA Station - QSL Card Checking - Prizes. Snacks & Beverages Available for Purchase. No Alcohol, Drugs, or Firearms. Talk-In Frequency 146.800 FM Tone 156.7. For Information & Map, visit http://www.k7rst.org

20 April 2019 - **April Hamfest at DeVry** (date tentative) - hosted by the Arizona Amateur Radio Club and the Arizona Red Cross Communications Club 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 <u>k7gh@arrl.net</u> or 602.996.8148 for information or to reserve a space.

4 May 2019 - Cochise Hamfest and 7th Region Communications Exercise - hosted by the Cochise Amateur Radio Association will be held at the club site, 2756 South Moson Road in Sierra Vista. Gates open at 7:00 AM. Free Admission and Parking. Tailgating - \$5. Inside Table - \$10. VE Testing from 9:00 until 11:30 AM. Coffee, Pastry, and Drinks Available. Hourly Prizes with Main Prize drawing at 12:00 Noon. Talk-In on 146.76(-) Pl 162.2 Hz. Watch for more details.

31 May - 1 June 2019 - 2019 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: Friday, 7:00 AM - 4:00 PM and Saturday 7:00 AM - 3:00 PM. Seminars, Tailgating, Vendors, DXCC Card Checking, Prizes. General Admission \$5.00 - Good for Both Days. Tailgate \$10.00 per parking space, each additional space \$5.00. Inside Commercial Vendor Table - \$25.00, each additional table \$10.00. Talk-In Frequency: W7YRC 146.880 MHz (-) PL 100 Hz. No Guns, Drugs, Alcohol, Smoking, Vaping, or Fireworks per ERAU Policy. Leashed or Caged Animals permitted in Outside Public Areas ONLY. For up-to-date info, visit the website at www.prescotthamfest.com

27 July 2019 - White Mountain Hamfest - hosted by the Kachina Amateur Radio Club will be held at 1101 Woodland Road in Lakeside. Overnight camping may be available. VE Testing, Demonstrations, Hourly and Grand Prizes, Tailgaters, and Refreshments. Further details to follow. Visit the web site at www.kachinaarc.org and click on "Hamfest" or email info@kachinaarc.org for up to date information.

28 September 2019 - **Tucson Fall Hamfest** - hosted by the Radio Society of Tucson will be held at the Target Store, 9615 E Old Spanish Trail in Tucson. Hours - 6:00 AM - 11:00 AM. Free Admission and Buyer Parking. Tailgate Spaces \$10 per Parking Space. Free VE Testing at 9:00 AM - GOTA Station - QSL Card Checking - Prizes. Snacks & Beverages Available for Purchase. No Alcohol, Drugs, or Firearms. Talk-In Frequency 146.800 FM Tone 156.7. For Information & Map, visit http://www.k7rst.org

26 October 2019 - Copafest 2019 - hosted by the Maricopa Amateur Radio Association will be held at the UltraStar at Ak-Chin Circle, 16000 N Maricopa Road in Maricopa. Hours are 7:00 AM until 1:00 PM. Admission Donation is \$5.00 per person. Spaces are \$10.00 for two parking spaces. Setup begins at 5:00 AM. Balloon Launch, VE Testing, Card Checking, Vendor Exhibits, Seminars, Prizes and more. Many activities available in the Multitainment Center including laser tag, bowling, movies, games, dining and more. Dining and Hotel also available. For information, email fest@copafest.org or visit the website at www.copafest.org.

2 November 2019 - **HARKfest** - hosted by the Hassayampa Amateur Radio Klub will be held at North Ranch Escapees RV Park, 30625 S Hwy 89 in Congress. Free Admission, Free Tailgate Sites (Pre-Registration Required - djgrooms@yahoo.com) Overnight Camping (Full Hook-Up or Dry) Available (pre-registration required for camping at www.escapees.com/parking/congress) Tailgating permitted at campsite. VE Testing Available - Must Pre-register (cecarter39@yahoo.com) - Prizes - Arts & Crfts Show at Activity Center 9:00 AM - 2:00 PM. Lunch served at Activity Center. Talk-In 146.620 (pl 162.2) or 146.580 (simplex)



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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.



What a hamfest we had! The results are in, and they were amazing! Somehow we picked the exact right date and time, so we had a beautiful sunny day. The TBARC volunteers made sure everything went smoothly. Our hosts at the Glendale Nazarene Church were wonderfully gracious and accommodating. The expanded section for vendors seemed to go on forever - somehow even once we thought we'd seen it all, there was one more row to go down and more bargains to be had. The prizes were topnotch, the seminars informative, and the VE session turned out a few more new hams. Thanks to everyone who was involved in preparation, planning and operations on the day!

It's a new year at the Thunderbird Amateur Radio Club, and we've had the first board meeting of the new year. One of the first orders of business is to appoint new committee chairs. There are some new faces this year: Nic Holladay KI7HZQ is the Election chair, and Kenneth Charleton NX7B takes on the Education committee in an expanded role. Paul Siken KI7LW has taken on Activities. We're all looking forward to the new ideas they'll bring!

Thanks as well to our experienced chairs, who agreed to remain as well. Rick Tejera K7TEJ stays on for Mentoring, Israel Vicente K7HI continues his excellent job with Programs, Clair Wyant KG7MAJ keeps track of Membership, Walt Reinert NJ8G takes care of EmComm and ARCA, and Gary Duffield WK7B does Technical/Repeater and ARRL things. If you have great ideas - let them know. If you don't have great ideas, but have willing hands, they're even more happy to hear from you!

Speaking of committees, the Education committee has been hard at work. CARL and the Science Center reached out to us, and the Thunderbird Amateur Radio Club agreed to provide ham license instructors for the upcoming Technician course they're holding. It's a two-day course on Saturday, March 2 and Saturday, March 9. I'm not sure if they're accepting new applicants

anymore - the last day to sign up for that was February 16 - but if you know someone who wants a tech license, there may still be an opportunity. Check out <u>w7asc.org</u> for further details and contact info.

Once again this year, TBARC is participating in the AZ SciTech Festival. The festival has a new website: scitechinstitute.org. Visit there to see upcoming TBARC

Continued Next Column

TBARC Continued from Previous Column

meetings, as well as lots of other opportunities for STEM education.

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 p.m. See the club website at w7tbc.org for directions. In March, we'll host well-known expert Patrick Stoddard WD9EWK who will talk about amateur satellites and the AMSAT organization. What do you need to make contact via space? What can you do when you point your antenna up, rather than out? Join us and find out at the meeting!

Andrew Cornwall KF7CCC kf7ccc@arrl.net







License Testing Information

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

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

MarchTest Sessions

Mar 2nd - NOMADS -- 9:00 AM Venture Out RV Resort, 5001 E Main St. Mesa

Contact - Robert Bingham 480.404.1408
No Walk-Ins - Call Ahead

Mar 2nd - DeVry ARC & WVARC -- 9:00 AM

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

Mar 2nd - Oro Valley ARC -- 10:30 AM

Ascension Lutheran Church, 1220 W Magee Rd, Tucson
Contact - Quinton Gleason <u>licensing@tucsonhamradio.org</u>

Mar 4th - West Valley ARC -- 6:00 PM

Desert of the Shepherd Lutheran Church, 11025 N 111th Ave, Walton Hall, Sun City Contact - David Morrill 623.680.5011

No Walk-Ins - Call Ahead

Mar 7th - PV Ham Study Group -- 6:30 PM

Trinity Lutheran Church, 3950 N Valorie Dr, Prescott Valley Contact - J.M. Scherfling 928.632.2050 No Walk-Ins - Call Ahead

110 Walk Ins Can I mee

Mar7th-CARBA--7:00PM

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

Mar 9th - NOMADS -- 9:00 AM

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

Mar 11th - East Valley VE Team -- 6:00 PM City of Mesa Utilities, 640 N Mesa Dr, Mesa

Contact - Fred Bolinger 480.242.8606



Continued Next Column

Test Sessions Continued from Previous Column

Mar 11th - Radio Society of Tucson -- 7:00 PM
Hardesty Mid-Town Police Bldg, 1100 S Alvernon, Tucson
Contact - Diane Zimmerman 520.664.5070

Mar 16th - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa Contact - Robert Bingham 480.404.1408

No Walk-Ins - Call Ahead

Mar 16th - Yavapai ARC -- 9:00 AM

Jeep Posse Bldg in Pioneer Park, 1200 Commerce Dr, Prescott Contact - Donald Bauer 928.775.4690

Mar 19th - Boy Scout Troop 127 -- 8:00 PM

St Francis Xavier School Library, 4715 N Central Ave, Phoenix Contact - John Kelly 602.264.6854

Mar 19th - Thunderbird ARC -- 6:00 PM

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

Mar 23rd - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa

Contact - Robert Bingham 480.404.1408 No Walk-Ins - Call Ahead

Mar 23rd - Arizona ARC -- 7:00 PM

American Red Cross, 4747 N 22nd St, Phoenix

Contact - Gary Hamman 602.996.8148

No Walk-Ins - Call Ahead

Mar 30th - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa

Contact - Robert Bingham 480.404.1408

No Walk-Ins - Call Ahead

Mar 30th - Tonto ARA -- 10:00 AM

Payson Center for Success, High School, 514 W Wade Ln, Payson Contact - Darde De Roulhac 928.468.1487



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



Is your club looking for speakers? We can help!

Sometimes, putting on a good program for one's club is easy. Good speakers and presentations simply flow into the club's officer corps and you just pick and choose. At other times, the well runs a bit dry.

We at CADXA are fortunate to have a variety of speakers, many of whom have presented at places like the Dayton Hamvention, the International DX Convention in Visalia, and at various hamfests and club meetings all around Arizona and beyond. Our topics are a little specialized, but we can satisfy your club members' curiosity on just about any topic relating to the world of DX and DXing, including propagation, station equipment, and antenna design for any location.

We have ready-to-go presentations and speakers on these topics:

- * DXing 101 Getting Started in DXing
- * DXing 202 Intermediate DXing
- * QSLing for Beginners Basic QSLing practices
- * Modern QSLing Advanced topics in QSLing (mostly for DXing)

* DXpeditions to various locations around the world Just contact a CADXA Officer through their ADAW email address if you are interested.

Our February meeting had an excellent and entertaining talk by our ARRL Arizona Section Manager, Rick Paquette, W7RAP, on what's going on with the ARRL and recent legislative developments affecting hams at the local, state, and national levels. He told us to pay particular attention to what is happening with the "distracted driver" laws aimed at texting and cell phone usage that may or may not exclude hams operating their mobile radios.

Our March meeting will feature well-known DXer and DXpeditioner, Scott, K0MD, on "DXing and Contesting from Chile." This will be both entertaining and informative. It's always fun to learn what ham radio is like from somewhere else in the world from someone who has "been there." Scott is the current editor of the National Contest Journal and a DXer and Contester from Minnesota. He has been a ham for four decades and enjoys largely HF activities. He has operated overseas in China, Chile, Uruguay and the Turks and Caicos Islands. He has contested in Beijing with B1Z, Chile as CE2/K0MD, and as VP5S/VP5K/VP5H from Turks and Caicos. He is employed full time at the Mayo Clinic as a Cardiologist

Continued Next Column

CADXA Continued from Previous Column

and Professor of Medicine. His work results in lots of invitations to travel and lecture globally, which is how he has been able to combine HF contesting and DXing as a tourist.

The meeting will be Thursday, March 7th, at the PERA Club (1 E. Continental Drive, Tempe). Join us for the informal social hour at 6:30 p.m., the meeting will start at 7:00. See you there.

73, Larry Loen, WO7R CADXA President





Superstition ARC Repeaters

147.120 MHz (+) 162.2 Hz - Usery *

448.275 MHz (-) 100.0 Hz - Usery - FUSION

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-LEchoLink, and 145.575 FM Simplex **Club Net:** Wednesdays, 8:00 PM - Discussion, Elmer Q&A. **Mesh Information Net:** Thursdays, 7:00 PM - Net control Steve, KB7KWK

 $\textbf{10-Meter Rag Chew:} \ Thursdays, 8:00\ PM, 28.465\ MHz\ USB$

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

Superstition SuperFest

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



President's Corner

Steve, KB7KWK

Hello everyone and welcome to February. I want to thank all of you who attended the January meeting. This was the meeting we had our annual Junk auction and it was another good one. The club raised some extra money and we all had fun as we usually do. There were 82 people in attendance and it was great seeing that many people there. I want to thank all those people who helped out in organizing and setting up for this meeting. It is one of our best meetings and it takes some organization to get it running.

I would like also to thank Andy, KD4ABB for once again putting some great programs together for this year. We have some good ones coming up in the next few months. Our program for February will be Introduction to Amateur Radio Mesh Networking. You probably have heard my Mesh nets on Thursday nights and wondered what we are talking about. This will be a good meeting to attend to learn a little more. I will have a power point presentation and with the help from some other members of the Central Arizona Mesh Group, we will have some demos on how we use email, phones, cameras and many other services on the Mesh network.

Like last year, we noticed more attendance at the club meetings and heard new voices on the repeaters all the time. Ten years ago we had around 75 people in the club with about 25 attending meetings. As I mentioned above, we had 82 at the last meeting. Crazy, more people attended that meeting than we had people in the club in 2008. Our little club is no longer little. I believe we are now the second biggest ham club in Arizona. I hope to see all of you coming out to club events this year. Just to name a few, we have Falcon Field Day coming up, the club picnic, the Organ Stop Pizza event, and probably our biggest event, Field Day.

73 for now and see you at the next meeting.

Tuesday, March 19 Club meeting at 7:00 PM

Our March presentation is not yet determined as of early February. Please check the Superstition ARC website for updates. You will have a chance to win a drawing held this very evening. Prizes range from Yaesu FT-991 Shack-In-The-Box transceivers to antennas and accessories for a \$20 winning ticket. A \$5 ticket might win you an HT and related accessories.

Our meeting location is on Page 3 of the Member Clubs section of this ADAW.

Falcon Field Open House Saturday, March 30

Superstition Continued from Previous Column

From 9:00 AM through 2:00 PM, we will meet and greet the public at Mesa's Falcon Field airport and for sure will have Mesh Networking and other aspects of amateur radio on display! Will look forward to that!

Listen in every Wednesday 8:00 PM Club Net 147.120

Club Officers and Committee Chairs are urged to check in and offer news updates. This might be just the place to tune in and gather the latest news about club activities!

Of course, we urge our members to check in to ask questions and share ideas and gossip. This net is open to all radio amateurs, and we invite our visitors to join the conversation. We won't bite, I promise!

Winter Field Day, Year 1

The Club held its first Winter Field Day for just a few hours on Saturday, January 30 at Red Mountain Park. We started at noon and closed up shop by 5:00 PM, but it gave us another opportunity to come together here in Mesa and enjoy the radio. Our new guys had a chance to get on the air!



January meeting drew 82!

Word is getting out for our Junk Auction for we drew 82 attendees. Indeed there was some junk, but there were some good deals to be had. I replaced my BaoFeng UV5R+ with the newer BF-F8+. No more scratchy volume control! Also, got a Radio Shack trunking scanner. It covers the 25-54 MHz band, AM and FM, as well as 108-74 AM and FM, so I can shoot line noise issues.







The Yavapai Amateur Radio Club is dedicated to support of the central Arizona area in community service and emergency communication service. The club serves primarily the Prescott area but includes a broader area in our efforts to serve.

While amateur radio is considered by many as a hobby, the club actively promotes the broader definition of radio "service." We recognize that amateur radio is a vital link in carrying out event communications and support of ARES/RACES. As an ARRL Special Service Club, YARC continues to provide communications for several local and regional events.

Amateur licensing continues to be a big part of YARC's service to the community. Our next license test will be on January 19, 2019. If you are in the Prescott area and want to get licensed or upgrade, we will be pleased to serve.

YARC's hamfest committee is well along in preparations for the 2019 Prescott Hamfest at Embry-Riddle Aeronautical University. The fest will include all the traditional things like tailgating, vendors, food, license testing and seminars. The dates are May 31 and June 1, 2019. Advance purchase of Grand Prize tickets is now available on the club website, http://hamfest.w7yrc.org/prizes/

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.

Meetings are held the first Thursday of the month (most months, check our website) in the Freeman Building in the Prescott Rodeo Grounds, 840 Rodeo Drive, Prescott, AZ 86305. Meetings start at 7:00 PM. For program information and directions check our website at www.w7yrc.org

The Kachina Amateur Radio Club meets the second Tuesday of each month at Solterra in the White Mountains, 5408 W. White Mountain Blvd., in Show Low. The doors open at 6:00 p.m., and the meeting begins at 6:30 p.m.

We began 2019 with a new slate of officers, and are looking forward to the coming year, welcoming new hams, adding new members, and planning some memorable events.

We will be working toward furthering our goals of:

*Advancing the hobby of Amateur Radio by showing others the benefits and fun of being a "Ham."

*Serving the community by providing Emergency Communications and rendering other help as needed.

*Promoting Amateur Radio through educational channels within the community.

*Promoting our common interests as members of the local club.

We are working on getting our KARC calendar populated with some fun recurring activities. We meet the second Saturday of each month at 9:00 a.m. for donuts at Basha's in Taylor, AZ. We also meet the 3rd Saturday of each month for breakfast, at Sal and Teresa's Mexican Restaurant on Deuce of Clubs in Show Low.

Our mailing address is Kachina Amateur Radio Club, P O Box 2996, Show Low, AZ 85902 and email address, info@kachinaarc.org. Dues are \$15/yr for individual, \$25/yr for family. Membership is January 1 - December 31. Website: www.kachinaarc.org

Submitted by Lydiann McFadden









The ARA is beginning another exciting year in Amateur Radio. The Public Service calendar is full and has plenty of opportunities for people of all ages and skills. The Technical Committee continues to work to maintain the profession standard for all ARA sites and repeaters are known for. The Bylaw rewrite is under way and incorporating the updates as they become aware.

With an organization as large as ARA, Communication is key. Have you visited us on Facebook? Have you checked for the latest information on the website? These are great ways to keep up. It would be great to meet and talk with you at the various monthly meetings.

The board meets most months to manage the business affairs for the Association. As the board serves the needs of the membership, members are always welcome to attend. If you are not able to attend, but would like to express your opinion, please email me at, president@w7ara.net. The Board meets on the first Thursday of the month at 7:30 PM.

Would you like to learn more about repeaters or the technical challenges facing the Technical Committee? You may join the Technical Committee. They always need an extra set of hands. You can email, techchair@w7ara.net, or join us at the monthly meeting on the first Thursday of the month at 6:30 PM.

The General Meeting is a time for all members to get to know each other. Time to socialize with old and new friends, share experience and catchup the latest news. Each meeting has an interesting topic presented and discussed - a great time to learn more about technology or the hobby. In the past meetings, Ned Sterns, AA7A shared his experience from his DXpedition to Baker Island. We also saw the latest in Server Architecture from Steven Hoff. Great interest was shown for, "Rotors & Masts: What to chose?" by James Wasson, N7ELL, and "Exciting Gadgets for ages 8-108" by Clark Jones, KI7TU. Many more exciting topics are available on the web site.

Our program chair is always looking for new and fresh topics. Do you have any suggestions? James Wasson, N7ELL, is always looking for presenters and, more importantly topics which are of interest to the membership. Can you please email your topic ideas to him at n7ell@w7ara.net.

The ARA is here to serve the Amateur Radio community in Arizona. Please send us your thoughts, or, even better, visit us at a meeting. Check out the meetings at the website (http://w7ara.org/mtg/Meetings.aspx).

73, Brian McCarthy, AK7F President - Arizona Repeater Association

No Reports Received

Old Pueblo Radio Club INTERMOD

President's Column

146.880 - PL 110.9

448.55 - PL 110.9

OPRC Repeaters 146.66 - PL 110.9 widecoverage W7GV RACES Repeaters 145.150 packet/wide N7OEM

wide coverage

wide coverage

N70EM

N70EM



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Thank you to all who visited us at the Yuma Hamfest and helped to make it a great success!

We appreciate all of your support.

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