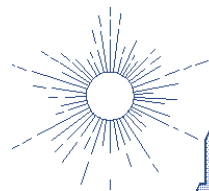


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 42, No 6

June 2017

CLUB MEETINGS SCHEDULE

SARC

Jun 7th
Scottsdale Senior Center
7:00 PM

AARC

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

OPRC

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

TBARC

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

MCCARC

Jun 5th & 19th
Mesa Community College Tech Bldg
7:00 PM

CADXA

Jun 1st
PERA Club
7:00 PM

CLUB MEETINGS SCHEDULE

QCWA

June
TBD
Prescott Area
11:00 AM

WVARC

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

SuperstitionARC

Jun 20th
Charles K Luster Bldg
7:00 PM

ARA

Jun 22nd
Denny's Restaurant - Tempe
7:30 PM

MARCA

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

MARA

Jun 24th
Barrow's Pizza - Maricopa
9:00 AM

ANSR

Jun 19th
via GoToMeeting
7:30 PM

YARC

Jun 1st
Mile High Middle School
7:00 PM

OVARC

Jun 16th
Ascension Lutheran Church
7:00 PM

CARL

TBA
AZ Science Center
TBA

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			
Treasurer	Bob Hodges	K7JTT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	
Membership	Bob Hodges	K7JTT	602.375.9982

AARC c/o Bob Hodges, K7JTT, 15214 N 7th Place, Phoenix, AZ 85022. DUES: \$15.00/YR, Prorated (\$18.00 Family, \$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

SCOTTSDALE AMATEUR RADIO CLUB, INC.

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

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

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

ARIZONA NEAR SPACE RESEARCH

The Arizona Near Space Research group meets the **THIRD MONDAY** of the month at 7:30 p.m. on Skype. 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	Gary Duffield	WK7B	602.843.7724
Vice President	Chris Johnson	K6OZY	623.866.2777
Secretary	Gary Cline	AF7BJ	
Treasurer	Darren Johnson	AF7CO	
Board Members	Joe Arnold	AD0X	
	Andrew Cornwall	KF7CCC	
	Wayne Hale	W6IZK	
	Robert Fairfield	K7RQN	
Past President	Walt Reinert	NJ8G	602.938.8219

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 83615, Phoenix, AZ 85071-3615.

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:	Bill Price	N7GUO	
	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	Tom Fagan	K7DF	520.574.1129
Vice President	John Marshall	WA7BST	623.334.2583
Secretary	Clifford Hauser	KD6XH	520.235.7393
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	Linda Sitterley	W7POF	mmrginc@gmail.com
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 **FOURTH SATURDAY** of each month at 9:00 a.m. at Barrow's Pizza, 44600 W Smith-Enke Rd. (Smith-Enke and John Wayne Parkway) 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:	Steve Miller	W6SDM	602.290.1603
	David French	N7FAN	480.430.9426
	Bob Howard	W8RH	520.709.6176
	Curt Steger	NA7CS	520.568.9471
	Ronald Beasley	KG7MUV	520.568.4880
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 second Monday of the month at Boswell Medical Center, Ironwood Room 2, Sun City. 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	623.584.6974
Vice President	Harry Scholz	AF7UT	
Secretary	Sharon Blaylock	KI7DOK	623.584.6974
Treasurer	Geoff Bock	KB7QFP	
Club Directors:	Bob Paul	KG7FIL	623.252.0149
	John Siepmann	N9NA	630.209.4116
	Tom Connor	W7TLC	623.444.7956
	Nancy Collins	KG6QWW	

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
Vice President	Jeff Machesky	K7ZLX
Secretary	Jeff Harris	KD2DFE
Treasurer	Douglas Mitchell	W7ADD
Board Members:	Andy Keels	KD4ABB
	Brian Butler	W7FK
	Charlie Brown	NJ7V
	Dale Schmidt	N7QJK
	Dan Karnes	W7TWR
	Jeff Heinze	N7CCW
	Larry Fort	AB7C

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.

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

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.

President	Norm Johnson	AA7OO	480.278.2886
Vice President	Dave Hall	N7ZPY	
Secretary	T D Kennard	N7ISR	
Treasurer	Don Aldridge	WA7RLL	
Director	Bill Hosking	W7JSW	
Director	Dusty Morris	W7ITM	
Trustee:	Norm Johnson	AA7OO	480.278.2886
Webmaster:	Norm Johnson	AA7OO	480.278.2886

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

ARIZONA REPEATER ASSOCIATION, INC

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

President	Virgil Silhanek, K7VZ	k7vz@w7ara.net
Vice-President	Brian McCarthy, AK7F	ak7f@w7ara.net
Treasurer	Erv Heimbuck, K0OTZ	k0otz@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	John Stevens, AB9JS	vice_president@w7yrc.org
Secretary	Sandy Mattsen, K9WIZ	secretary@w7yrc.org
Treasurer	Tom Bishop, KI7FWZ	treasurer@w7yrc.org
Past President	Frank Bender, K8FB	k8fb@w7yrc.org
Board Members	Art Jackson, KA5DWI	ka5dwi@w7yrc.org
	Rex Mauldin, N7NGM	n7ngm@w7yrc.org
	Art Protas, KG6AY	kg6ay@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 the **FIRST** and **THIRD MONDAY** of each 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.

President	Charlie Brown	NJ7V	nj7v@arrl.net
Vice President	T.D. Kennard	N7ISR	n7isr@yahoo.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	480.961.1109
Treasurer	Karen McConaghy	NO7D	602.799.7338

Board Members:

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

Web Master, ARCA Rep - Roger Buel, W9NCQ - 602.493.7242

For information: Email to carl@w7asc.org or call Jack, KD7ROB at 480.759.5195. Web Site: <http://www.w7asc.org>

CENTRAL ARIZONA DX ASSOCIATION

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

President	Lee Finkel	KY7M	ars-ky7m@cox.net
Vice President	Fred Hoffert, III	NA2U	cwman1@aol.com
Secretary	Bill Poole	AA4Q	bill@poole.com
Treasurer	Alton Chaney	W7ACX	w7acx.480@gmail.com
Past President	Tom Kramer	NQ7R	tkramer@azci.net
Board Members	Larry Loen	WO7R	lwloen@gmail.com
At-Large	Mickey LeBoeuf	K5ML	k5ml@arrl.net

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.

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**

ADAW Staff

PUBLISHER/EDITOR

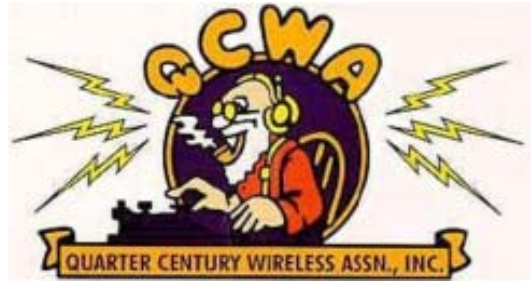
Christine Kesauer	N7PVL	602.843.0960
AARC EDITOR		
Lori Cripps	WA7EDI	602.955.7517
ANSR EDITOR		
Steve Miller	W6SDM	602.290.1603
ARA EDITOR		
Virgil Silhanek	K7VZ	623.850.1441
ARCC EDITOR		
Mark Kesauer	N7KKQ	602.318.2920
CADXA EDITOR		
Lee Finkel	KY7M	ars-ky7m@cox.net
CARL EDITOR		
Jean Jolkovski	W4CIH	480.664.7353
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MARCA EDITOR		
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MCCARC EDITOR		
Charlie Brown	NJ7V	602.529.4381
MMRG EDITOR		
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Ed Nickerson	WU7S	480.949.5162
SuperstitionARC EDITOR		
Larry Kuck	WB7C	l.m.kuck@gmail.com
TBARC EDITOR		
Andrew Cornwall	KF7CCC	kf7ccc@arrl.net
WVARC EDITOR		
Robert Paul	KG7FIL	kg7fil@cox.net
YARC EDITOR		
Don Bauer	WB7TPH	dbauer2250@aol.com
TECH SUPPORT		
Mark Kesauer	N7KKQ	602.843.0960
ADAW EMAIL		adawaz@arca-az.org or adaw@adaw.org
ADAW WEB SITE		www.adaw.org

ADAW



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From The Editor's Desk



CHAPTER 16

BARRY M. GOLDWATER ARIZONA CHAPTER

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

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

Tom Fagan, K7DF, President

QCWA Barry M. Goldwater Chapter 16 Arizona

k7df_tom@yahoo.com

Editor's Desk Continued from Previous Column

the Amateur Radio Council of Arizona's announcement of the 2017 Ham of the Year and 2017 Young Ham of the Year. ARCA will also award their 2017 Scholarship Winner and introduce the 2017-2018 Council Officers. The grand prize drawing will be held after the presentations and announcements.

Make plans to attend this wonderful event. You won't be sorry.

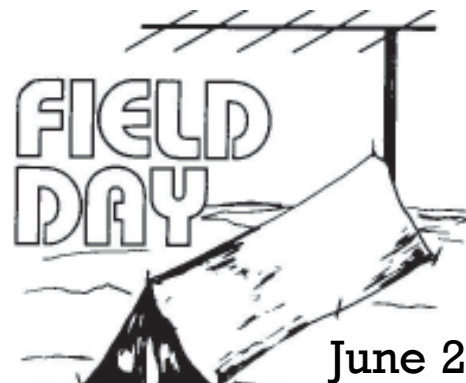
The Kachina Amateur Radio club has moved their White Mountain Hamfest to July and has chosen a new site for the event. Mountain Meadow Park in Pinetop Lakeside is the new location for this growing hamfest. Mark your calendars for July 22 and make plans to travel to the cool pines of rim country. What a great way to escape the valley heat!

That's all for this month. Stay cool and enjoy Field Day.

73.

Chris, N7PVL

ADAW



June 24-25

Is everyone ready for Field Day? All the clubs are busy on their plans to take part in this yearly event which helps all of us hone our communication skills, and lets us have a really good time too! If you've never participated in a Field Day exercise, mark your calendar for the weekend of June 23 thru 25 and plan to take part.

The official start of Field Day is at 1800 UTC Saturday (that's 11:00 a.m. for those of us here in Arizona) and ends Sunday at 2100 UTC (or 2:00 p.m. Arizona time). There are six entry categories or classes - A thru F - which are determined by who is participating, how many people are participating, and the location. Class A is club/non-club with three or more people and Class B is club/non-club with one or two people. The other classes consist of mobile, home using commercial power, home using emergency power, and EOC operations. The amount of time you can operate depends upon when you began setting up. If you are Class A or B and set up BEFORE 1800 UTC (11:00 a.m.) Saturday, you can only operate for 24 hours from the time you begin operating. If you don't start your set up until 1800 UTC (11:00 a.m.) on Saturday, you can operate the entire 27-hour period. In addition, you may not begin setting up before 0000 UTC Friday (5:00 p.m. Thursday).

Confused? Yeah, it can be a little confusing. Visit the ARRL's Field Day page at <http://www.arrl.org/field-day> to learn more.

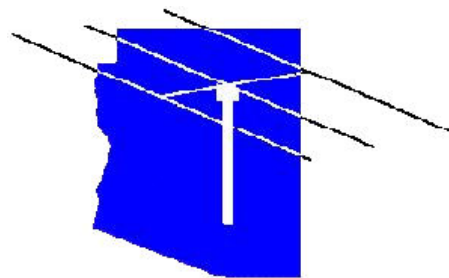
The best way to experience and learn about Field Day is to attend a club Field Day event. In this way, you will learn about Field Day from other hams, and experience the comradery and fun of Field Day. To find out what your club is planning for Field Day, be sure to read their column in this month's edition. If your club is not planning an event this year, check out one of the other clubs' operations. Visitors are always welcome.

Did you make it to the Cochise Amateur Radio Club's hamfest on May 6? The event was well attended and the weather was great! As always, it was a very enjoyable hamfest in the southern part of the state.

The 2017 Prescott Hamfest is fast approaching. This is the second year for this event which will be held on June 9 & 10, 2017 at Embry-Riddle Aeronautical University in Prescott. This year, Friday will feature seminars from noon until 4:30 p.m. and VE testing from 4:30 to 7:30 p.m. Admission on Friday is free.

On Saturday, the hamfest will be in full swing with tailgating from 7:00 a.m. until noon, commercial vendors from 7:00 a.m. until 3:00 p.m., a balloon launch at 9:00 a.m. (weather permitting), and seminars from noon until 3:00 p.m. Admission on Saturday is \$5 per person and tailgating is \$10 per space. Closing ceremonies will be held at 3:00 p.m. which will feature

Continued Next Column



MARCA INC.

No Report Received.

Change is afoot at the Thunderbird Amateur Radio Club. By the time you read this, we will have completed our first test session as a Laurel Volunteer Examiner (VE) team. We've worked in the past with the Laurel VEC - at the last hamfest, we ran under Laurel thanks to Virgil K7VZ. There are a couple of advantages to Laurel: the exams are free, and they're filed electronically which eliminates the 1-3 week wait that is typical under the ARRL VEC. Under Laurel, new licensees typically get their calls the next business day instead.

There is some additional expense to the club to support the Laurel VEC. Since they require a computer and printer, we've purchased that - after approval by the general membership at the March meeting. There will be some ongoing expenses - ink and paper for the printer - but we think it's worth it to be able to provide a free service to the community. Jim Skinnell K7EOG will continue to run the sessions, and Brian McCarthy AK7F will run the computers for him.

If you're already a VE for another organization, getting accredited with Laurel is easy. Let the VE team know you're coming (send an email to ve@w7tbc.org) and then show up for a test session. They'll be able to add you to the Laurel system on the spot, and you'll get an email with printable credentials soon afterwards. If you want to get accredited, or just want to take a test, our VE sessions are on the third Wednesday of every month at 6:00 p.m. at the Honor Health Medical Office Building, 19841 N 27th Ave in Phoenix.

Field Day planning is in full swing. If you've never been to Field Day before, I recommend it! The short version: a bunch of hams get-together at a single site (in our case, Jack's place in Flagstaff) then set up radio stations for various bands (we're probably going to have four or five stations). Then at 11:00 a.m. local time on Saturday, everyone tries to contact everyone else. Expect to learn from the Morse code and digital gurus, as well as from fellow hams who are used to HF voice communications. If you've got a license, you'll be able to get on air and play with radios. Technicians often get the bug for HF operations and start thinking about getting their General on Field Day.

Plans are firming up for our August Escape. We're over 25 people now, so we're going to take the big campsite: the O'Leary Group site at Sunset Crater, North of Flagstaff.

Continued Next Column

TBARC Continued from Previous Column

That's about 13 miles north of Flagstaff, near the entrance of Sunset Crater National Monument. Turn right on Forest Road 545a and go 1.7 miles to Group Campground Road on the left (just before Bonito Campground). If you have questions (or just want to let Gary know you're interested) get in touch with him at ghcline@cox.net.

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 June, we're going to hear about (what else?) Field Day. The Field Day organizers will talk about what to expect, what to bring, and what you'll eat when you get there. Join us and be in the know!

Andrew Cornwall
KF7CCC
kf7ccc@arrl.net

ADAW

Want Ads

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



PARTY!

The week of 22 April was National Volunteer Week, so the Arizona Science Center put on a lunch party for the Harkins Ham Shack volunteers. The main item on the menu was – what else? - ham sandwiches, and they were really delicious. Read a bit more about this event in the article that follows.

The party was attended by many of the Arizona Science Center management, but there was a surprise guest. Dan Harkins entertained the attendees with tales of his early ham radio days, with his Dad, Red Harkins and Senator Barry Goldwater. Even though the audience included some old-time hams, Dan’s tales held everyone’s attention.

We now turn this newsletter over to Steve, a published author and W7ASC volunteer. If you missed Steve’s great article in QST, go to the ARRL archives and read it.

Community

By Steve Warford WB4ZSC

Community. It’s a word we all know – or do we? Today, community has less to do with demographics or geography, and more to do with a sense of connection and the unexpected. The amateur radio community is a prime example. It has no boundaries. Not location, economics, gender, race, nor education. Even with three levels for earned operating privileges, it is about as flat of an organized community as you will experience. Senator Barry Goldwater was known to say “Just Barry, K7UGA” when a fellow ham figured out who was on the other end of the QSO.

While it may be difficult to define, we all know when “community” is at work in our lives. Here are a few examples from our own backyard – and beyond.

While preparing Harkins Ham Shack for operation one Wednesday, I noticed the message light on the telephone. I pressed the message retrieval button and prepared to take notes; even though such messages are usually several days old and no longer timely. This message was different – brief and a bit hard to understand, but clearly a call for help. The message was from a hospitalized ham who hoped someone from our group would visit him. He had reached out to the only

CARL Continued from Previous Column

community he knew that, on a daily basis, sought and initiated contacts with total strangers. With a little help from QRZ, I pieced together a profile of Ping, KD4CMW, and returned his call. I could not visit him that day, but promised to do so soon. As it worked out, I was able to visit him the next morning and learned that he had been passing through Phoenix on his way to Washington from New Mexico. He became ill at the airport and was taken to a local hospital. He had no other contacts in Phoenix, but counted on the ham community to extend a hand. In a couple of hours, we learned more about each other, talked a lot about amateur radio, and made an EchoLink contact on a smart-phone. I also learned of his personal friendship with Tom Gallagher, NY2RF, the new CEO of ARRL. When contacted, Tom did not hesitate to reach out personally to comfort his ham brother in need. Community!

With the promise of a grand tour of the Valley of the Sun upon his dismissal, I left for home, intending to return at the beginning of the next week. That visit never happened. I lost contact with Ping over the weekend and hospital regulations prevented me – not community in their eyes – from getting information on his whereabouts. From our time together earlier, I had enough family history to locate a relative in the East. She informed me her brother had passed away a few days after my visit. Because of her understanding of ham radio, she afforded me a trust that I had not otherwise earned. It was a privilege to be a bridge between siblings who had not seen each other for some time. Community!

Earlier, C.A.R.L. had published the story of the Harkins Ham Shack in the February issue of QST. As a result, Clark, K7LRK, Lopez Island, WA requested assistance with an NPOTA activation in Arizona – and subsequently with a Morse code activity for kids on Field Day 2017. Cathy, KD7PF, Orinda, CA, requested the same code activity, and other ideas for her club’s open-house. Tom, WB0DHB, Duluth, MN, shared his experience as a teenager who brought his HW-101 to Arizona when he visited his cousins. One of his local QSOs was with Red Harkins, W7EAQ (SK), who was operating the MARS station at the QTH of Barry Goldwater, K7UGA (SK). Red invited the young ham, along with his aunt and cousins, to visit Barry’s shack where they observed Mars in action and, coincidentally, met the senator. Community!

More recently, the ham volunteers at Arizona Science Center were honored with a luncheon celebrating National Volunteer Week and two decades of partnership between the C.A.R.L. and Arizona Science Center. The keynote speaker, Dan Harkins, W7EEO, told great stories about his father and how amateur radio played out in his early years. Red, a successful entrepreneur and media pioneer, took his commitment to serve his community through amateur radio seriously. Dan recounted how his father was late for the grand opening of a new theatre in the family business because it was

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It seems like lately all I have to report is the passing of one of the MMRG members. On April 4th, Max Treinen, KB7XU, passed away in his sleep at his home in Prescott Valley. His services were in Phoenix on May 9. Max wasn't a very active ham in recent years due to lack of antennas, however he did monitor the 147.000 repeater regularly. From time to time Max would describe his latest culinary delight. Max was a regular on the Mingus early morning roundtable until a few months ago when he got to where he wanted to "sleep in." Max kept us up on the latest forest fires as well as hurricanes. 73, Max. Those of us that knew you will miss you, and those that didn't know you don't know what they missed.

MMRG's downtown 147.280 + 600 PL 162.2 has very little activity on it. Why don't some of you give it a try and see if you can't make it more active again like it was years ago.

As I am writing this, MMRG is preparing for their annual membership picnic here in Chino Valley. Those of you that aren't MMRG members or members that haven't been here don't know what you are missing.

73 Bob, K7POF. MMRG

CARL Continued from Previous Page

his day to handle MARS traffic at Goldwater's QTH. A prolific "techie," Red was the best Elmer a young boy could have – encouraging him to scratch-build his first and second stations. That father-son relationship, made richer by the local and extended ham community, not only gave Dan technical and relationship skills, it shaped a life of service and giving back to his larger community – the city of Phoenix and the state of Arizona. Community!

Low on community? The cure is as simple. CQ CQ CQ!
 //////////////////////////////////// 30 ////////////////////////////////////

Field day should be just about here. Be sure to participate. The W7ASC station should be on the air from inside the cool ASC building. Hope to see you there. And if you have a story that you wish to share with your fellow ADAW readers, send it on to Jean W4CIH jeanjpol@hotmail.com

The Mesa Community College Amateur Radio Club follows the calendar cycle of the valley community colleges. Our club begins our annual cycle at the beginning of each Fall Semester in August, where we vote for officers and plan the events and speakers for the coming year. Then, we wind things up at the end of the Spring Semester, and take a break from official club meetings over the summer. However, this year the club as decided to put together a special interest group for home brew radio, and build radios over the summer. We will all bring our home brew projects to the college on Thursday evenings to share ideas and get assistance. It should be a fun experience. Now that finals are over, LET THE FUN BEGIN!!!

We enjoyed having Patrick Stoddard WD9EWK visit us during one of our last meetings of the Spring Semester. He gave a very interesting presentation on AMSAT and after the presentation we went out to the parking lot and made contacts using two different satellites, both digital and voice contacts. We contacted individuals in California and Nevada.

Our last meeting of the semester was a bit less formal where we finalized club business and then spent the remainder of the time playing radio. We enjoyed a great rag chew with John Bonewitz KI7FUT from Missoula Montana using our club call, KM7CC. Many of the club members chatted with him . . . and a few were a little mic shy.

Many of our club members are not licensed yet but hope to be over the summer. Our club is primarily for students attending MCC. However, anybody who wants to join our club is welcome. There are no dues and you don't have to be attending the college to join. We hope you'll pay us a visit at the next club meeting in August, especially if you are an MCC Alumni.

If you are interested in joining our home brew special interest group over the summer send me an email.

Charlie NJ7V
 nj7v@arrl.net



73 until next ADAW issue





ARA Continued from Previous Column

Often times, you'll hear someone say, "We need more youth in Amateur Radio." How do we get them interested? Where can they go for help? For activities? To find others their same age? The Arizona Repeater Association sponsors the Explorer Post 599 which is a wonderful resource for kids interested in electronics and Amateur Radio. Post 599 is the youth group of the ARA.



The Ham Radio Club For Teens

The Exploring groups fall under the Learning for Life section of the Boy Scouts. Girls are welcome; it's not limited to boys only. Exploring members are boys and girls ages 14-20, but under age 14 can join as an Associate member with parent involvement. All members participate in all activities. Post 599 has a weekly meeting every Tuesday from 7-9pm. Location: Zephyr Engineering, 2412 W. Huntington Dr., Tempe, AZ 85282.

Scott, Tom, and Brian presented at the ARA general meeting in April on what they'd been up to for the past year. One electronics project they've worked on was creating a Jeopardy like game controller. They've also spent time restoring an R/C model plane and digging into programming Chinese radios. This spring, Post 599 set up at the Southwest Makers Faire to demonstrate Amateur Radio and recruit new members. People were able to see the HF station and practice sending CW.



The focus is on presentations and workshops to gain hands on experience. Topics are what interest the youth, so there isn't a set curriculum. Examples of topics covered are getting licensed, troubleshooting electronics, soldering, and using test equipment such as oscilloscopes, signal generators, digital multimeters, and antenna analyzers. Radio related projects include HF stations, portable setups, mobile installations, and best operating practices.



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For Sale

Partly Restored Vintage Tube-type Transmitter - \$485

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.

ADAW

ARA Continued from Previous Page

Post 599 provides a path to the Radio Merit Badge in the Boy Scouts. Kids are also involved in demonstrations of ham radio and events such as Jamboree on the Air and ARRL Field Day. The Field Day location they use is in Heber at 7000ft. elevation. If you are looking at taking your kids or grand kids to Field Day this June, please consider attending the Post 599 site. For any youth interested in Amateur Radio, check out their weekly meeting.

Virgil K7VZ
ARA President

ADAW



The Maricopa Amateur Radio Association is planning for Field Day. This is probably the most popular national ham radio event in North America. Just listen to the ham bands in any mode, CW, phone, or digital, and you will hear more stations calling CQ in an hour than you'll hear during the whole day any other time of the year – contests included. Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and running through 2059 UTC Sunday.

The first Field Day was 84 years ago, in 1933. History buffs know that was the year both Adolf Hitler and Franklin D. Roosevelt came to leadership in their respective countries. The United States was in the midst of the Great Depression and the Blaine Act was passed ending prohibition in the United States. Bonnie and Clyde were terrorizing the countryside. With all that happening, amateur radio operators still found a way to disconnect their radios from the power grid, sparse as it was in those times, and operate off of noncommercial power.

One of the things that make Field Day popular is club events. This gives hams who may not always have the opportunity to work the HF bands to dig in and make contacts. Don't have off-the-grid capability with your HF station at home? Find a Field Day activity somewhere and get involved.

Field Day involves more than just operating. There's usually some level of camping out, cooking out, and always socializing with other hams. There is the learning opportunity too. Find out what it takes to string up a portable antenna or charge a battery using solar power. The primary purpose of this event is to help develop skills for operating under less-than-optimum conditions.

One of the more fun things to do in Field Day operating is to try for a "clean sweep." That means working each ARRL section in all 50 states and the Canadian Provinces. It's really not that difficult if you're persistent and have the endurance to operate overnight.

You're really missing out on a lot of fun, not to mention a decades-old tradition, if you don't participate in Field Day. Now, let me make it even easier for you to operate during Field Day this year. If you don't belong to a club that's holding their own Field Day event, you're welcome to attend ours. The details are in a flyer attached to this newsletter, or available on our club forum at <http://w6sdm.net/Forum/showthread.php?tid=8419>. We welcome everyone, licensed or not. Everyone who wants to will get a chance to operate. We've taken care of the radios, the antennas, the solar panels, the batteries, and the generators.



Much to the relief of the DX community, the ARRL retracted its recent deletions of KH4, Midway Island, and KH7K, Kure Island, from the active list of DXCC entities. Those deletions caused a major “disturbance in The [DX] Force,” especially for those DXers who had recently qualified for Honor Roll status or who had recently achieved a new milestone in the DX Challenge standings. What DXers found most disturbing about the deletions was that they were ordered by ARRL Headquarters without any consultation with the DX Advisory Committee (DXAC). This was a big topic of conversation at the 2017 International DX Convention in Visalia, California in April.

We had over 70 people attend the May Barbecue Meeting. Thankfully, the PERA Club allowed us to move this annual event indoors once we saw the forecast high temperature of 104 degrees. Last year we survived gale force winds and moved indoors for the presentation after eating windblown BBQ food in the ramada. This year, we did it all indoors rather than risking heat stroke and dehydration. The program by Ned, AA7A on his life in ham radio moon bounce was very well received. He took us through the fascinating journey of moon bounce technology from its birth as a concept in World War 2 up to the present day in Maricopa, AZ where he and others are constructing what will be one of the largest moon bounce antennas in the world at a site owned by Larry, WO7R.

Radio conditions for DXing continue to be challenging during the bottom of the sunspot cycle. This time of year the only bands showing any promise for working DX are from 17 meters to 40 meters and many days even those bands are limited to domestic propagation only. We are in the Sporadic E season, however, and that means 6 meters may provide some surprises with multiple-hop signals reaching beyond our borders. It is a good time to keep the N3TUQ “6 Meter DX Map” open on a computer screen to watch for openings. <https://n3tuq.com/dxmap.php>

The CADXA was integrally involved in supporting the International DX Convention in Visalia in April run this year by the Northern California DX Club. CADXA members organized all seminar speakers (AA7A and KY7M), did Banquet seating for 600 attendees (WO7R), and ran the raffle Prize Room (XYLs of KY7M and AA7A with help from K7MY and XYL of WO7R). More than 700 hams and guests attended, including about 40 from outside the USA. The

No Report Received.

CADXA Continued from Previous Column

NCDXC has expressed its appreciation for our club’s efforts.

Next Meeting on June 1st

Our next meeting will be on Thursday night, June 1st, at the PERA Club beginning at 7:00 p.m. The program will be “The High Frequency Active Auroral Research Program (HAARP) - An Engineers View” presented by Steve Floyd, W4YHD, Chief Design Engineer for the HAARP facility in Alaska. Steve will provide a detailed summary of the design, construction, and operation of this state-of-the-art radio science facility. HAARP is the highest power HF transmitting system in the world with 180 20 KW each multimode radio transmitters, and has recently returned to operation under new ownership of the University of Alaska.



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

73,
Lee, KY7M
CADXA President



Continued Next Column



Old Pueblo Radio Club INTERMOD

President's Column

No Report this Month

May is a busy month for The Oro Valley Amateur Radio Club as we have many new activities coming on line.

Our first Fldigi Class is coming mid-month. Ron Herring, W7HD, will be the instructor. Ron is our resident expert on all things Linux, Fldigi and even Propagation. He also has the patience to make some unusual satellite contacts.

Our Sunday evening net continues to draw more and more check-ins. It is held every Sunday evening at 8PM local time on the OVARC Repeater System. Unlike other nets, some valuable information is exchanged about upcoming operating events, propagation and other pertinent announcements.

As part of the Sunday evening net, Gary, KT7AZ announces the frequency of the HF net that begins immediately following the 8:00 PM net. Every week Gary selects a new frequency on a different band. This provides the opportunity for check-ins to assess their rigs, antennas and SWR. The HF net has been held on every band from 6 meters to 80 meters.

Plans are already underway for our annual November Ham-Fest. The plan includes a ceremony to honor our Veterans particularly since the hamfest falls on Veteran's Day this year. See the details about the Ham-Fest in the sub-section of this newsletter.

There is still time to join our upcoming General Class licensing sessions. Classes begin on Thursday, June 1 and continue for nine weeks. David, AK2L, has taught numerous licensing classes for the club and does a great job at organizing and leading the instruction. Details for the classes can be found on the OVARY website. (Tucsonhamradio.org)

Our Field Day preparations are well underway. This year we have challenged The Cochise Amateur Radio Association and The Coconino Amateur Radio Club. Club members have begun to sign up for various time slots throughout the event. Qualifying members are provided with dinner on Saturday evening, breakfast on Sunday morning, a 2017 Field Day T-Shirt and a ticket to an exclusive Field Day raffle with multiple prizes including items like an antenna analyzer. This is the biggest operating event of the year for OVARC and it's guaranteed to be lots of fun.

73, Steve, W1SR

OPRC Repeaters

146.66 - PL 110.9	wide coverage	W7GV
146.82 - PL 110.9	wide coverage	W7GV
147.22 - 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





The month of June is a busy one for the Yavapai ARC. The 2017 Prescott Hamfest is scheduled for June 9-10, Field Day is June 24, and this will be the 4th year that we will hold the Granite Mountain Hotshots memorial event on June 30.

The Prescott Hamfest at Embry-Riddle Aeronautical University will be held on Friday, June 9 and Saturday, June 10, 2017. Friday consists of seminars only beginning at noon and VE license testing at 4:30 P.M. The seminars are geared to new licensees and persons interested in ham radio. Friday's program is free to all. On Saturday, there will be tailgating from 7:00 A.M. until Noon. Commercial vendors will be indoors from 7:00 A.M. until 3:30 P.M. Arizona Near Space Research is going to do a high altitude balloon launch at 9:00 A.M. This launch is in preparation for the planned launch coming up during the solar eclipse later this year. At Noon Saturday, Yaesu will be making a presentation on their System Fusion. At 3:00 P.M., the Grand Prize raffle drawing will take place. Entry on Saturday is \$5.00. Complete schedules can be found at www.prescotthamfest.com. You can also purchase Grand Prize Raffle tickets on the site. You do not need to be present to win the Grand Prizes.

We hope that you can come and enjoy our hamfest. While it may be very warm here, it will be a respite from the heat in the valley (hint).

Most of our club operating events are now being held from our club station. Our new permanent antenna tower is going in at the club station and internal upgrades to the station are taking shape as well. All in time for Field Day (hopefully).

YARC continues our series of licensing classes for people interested in Ham radio. A General licensing class was held during March and April. There were eleven students, hoping to upgrade their licenses. Contact Brian at classes@w7yrc.org to sign up for future classes. Check the club website www.w7yrc.org for schedules as they come available. In addition, YARC offers discounted "HamTestOnline" subscriptions. Upcoming regular test session is July 8, 2017. There is also a test opportunity at the June hamfest on Friday afternoon. For more info on the test schedule, email testing@w7yrc.org

Come join us for one of our monthly club meetings.



Public Service Calendar

Maricopa County Emergency Communications Group Events


EVENT	LOCATION	DATE
Auxiliary Communications	Papago Park Military Reservation - JVC Classroom	06/03/17
Barn Buner Mtn Bike Race	NW Flagstaff	09/09/17
Mogollon Monster	Pine AZ Area	09/16/17
Xterra Estrella Mtn Trail Run	Estrella Mtn Park	10/08/17
Tour De Scottsdale	DC Ranch Scottsdale	10/08/17
ADA Step Out for the Cure	Midwestern University, 59th Ave & Loop 101	10/28/17
Javelina Jundred	McDowell Mtn Park	10/28/17
JROTC First Water	N of Apache Junction	11/04/17
Phoenix Half Marathon	Downtown Phoenix	11/05/17
Scottsdale Half Marathon	Scottsdale Civic Center	12/10/17
JROTC First Water	N of Apache Junction	01/27/18
Runner's Den Pancake Run	E Phoenix, Paradise Valley Mall	02/04/18
Xterra - McDowell Mtn	Fountain Hills	02/11/18
Lost Dutchman Marathon	Apache Junction	02/18/18
JROTC Shopies Flats	NE of Wickenburg	02/24/18
Mesquite Canyon	Waddell	03/17/18
Crown King Scramble	Lake Pleasant - Crown King	03/24/18
March of Dimes March for Babies	Wesley-Bolin Park, Downtown Phoenix	04/14/18

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.




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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.

SCOTTSDALE AMATEUR RADIO CLUB, INC.



Club Station: W7UF
Club Repeaters: 147.78/.18 & 445.00/440.00

Can you believe it is June already? What happened to April and May? This year is going by way too fast for me. Of course, June is a great month for ham radio guys like us because it is an excuse to head for the mountains to play radio. That's right. Field Day. The board of directors has been putting the finishing touches on this year's event. Right now, the plan is to repeat last year's location on the Rim. The event will be on June 24 and 25. The General Club meeting which is on June 7th, will have a lot more information about this event. So don't miss this meeting.



Here are a few pictures of the Rim Road and the field day site.



Pretty nice don't you think? I am ready to go right now. Unfortunately, there is always the possibility of the forests being closed because of fire danger. We are hoping that will not happen, but if it does, the board is working on alternative locations.

The HF bands have been up and down. I have not had a lot of time to work them, but it seems like one of them is open a little when the others are not. If I hear someone calling, I answer with my 100 watts. Because of the poor band

SARC Continued from Previous Column

conditions, sometimes they just don't hear me. But sometimes they do. We exchange the normal stuff and have a good QSO. That is what ham radio is all about.

There is a breakfast club every Saturday morning at 8:00 at the Denny's Restaurant in the Pavilions' Shopping Center, 9160 E. Indian Bend Rd., Scottsdale, AZ 85250. Everyone is welcome.

There is also the "Ham in the Park" group that meets at green belt once a week. Check the Club web site for more information. Scottsdalearc.org

The Club has a net every Tuesday at 7:00 P.M. 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.

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

Ed Nickerson WU7S



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.



June 21

Continued Next Column



Superstition Continued from Previous Column

yearly event or a new member be sure to clear your calendar when the time comes. We have the whole place to ourselves for a couple of hours. There is great fellowship and good organ music from one of, if not the best organist in the country. I also honor those people in the club who have helped out the most throughout the year.

Hope to see everyone at the next meeting.

Stephen Estes – KB7KWK

73

July 4 Independence Day Net

For the last few years, the Club has sponsored the reading of the Declaration of Independence on the 147.120 linked repeaters at 12:00 Noon, July 4. Everyone is welcome to listen in and to join us in the reading!

June 20 Meeting Presentation: AMSAT

Guest presenter in June's Club meeting will be Patrick Stoddard, WD9EWK [from the club's website], and the Radio Amateur Satellite Corporation (as AMSAT is officially known), was first formed in the District of Columbia in 1969 [from "About AMSAT" on www.amsat.org]. It was/is an educational organization with a goal to foster Amateur Radio's participation in space research and communication.

Meeting starts at 7:00 P.M. and visitors are always welcome.

President's Corner

For May 2017 (from superstitionarc.org)

Thank you to all the club members who have been attending the meetings. With the suggestions from club members at our last Club Development meeting, we are trying to have programs that you the club members have asked us to do. We recently had a program on how to solder. Thanks to Andy, KD4ABB for giving that presentation. Andy also gave the presentation and hands-on program on building a ladder line J pole at the April meeting. I received a lot of good feedback and comments on these two meetings. We will try to have more hands on builds for programs. In fact, we are already talking about building a HF antenna. Possibly some type of a Dipole antenna.

We are working on a way to get everyone name tags to wear to the meetings and club events. We have a lot of new hams and new members and it would be nice if we all get to know each other. The board is currently working on a better way to keep track of membership dues. This has always been a problem with the membership committee and it is very hard for them to track who is due and when. We don't want to chase people away and bother them when their club membership is up. We all have to remember that we are basically a repeater club and almost all of our yearly expenses go to the club insurance, repeater site lease and maintenance comes from our membership dues, our yearly Ham Fest offsets the rest. This is why the Ham Fest is so important to this club and why we start planning for the Ham Fest right after it ends. There is a committee that works on it year round. Keep this in mind, if we ever lost our Ham Fest for some reason, we would have to raise the club dues to sustain our club through the year. Please help us out and check to see if you are current on your club membership. It would be greatly appreciated by the board and membership committee. I look forward to seeing all you at the next meeting and upcoming club events.

One event in particular that I always look forward to is our Organ Stop Pizza event. If you have not been able to attend this

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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.

Hamfest Calendar

Update: SB1132 - Amateur Radio License Plates

9 - 10 June 2017 - **Prescott Hamfest** - hosted by the Eagle Amateur Radio Club at ERAU and the Yavapai Amateur Radio Club will be held at Embry Riddle Aeronautical University, 3700 Willow Creek Road in Prescott. Hours are Noon to 4:00 PM on Friday, June 9, for Seminars and Commercial Vendors Only and 7:00 AM to Noon Saturday, June 10, for Tailgating and Commercial Vendors. Saturday Seminars will be held from 1:00 PM until 3:00 PM. VE testing will be available from 4:30 - 6:30 PM on Friday, June 9. Free Admission on Friday. General Admission on Saturday is \$5.00 (free for ERAU Students with ID) Saturday Tailgating - \$10 for one (1) parking lot space (\$5 for each additional). Inside Commercial Vendors - \$20 for 1st table, \$10 each additional. Club Information Booths - Free. Talk-In: 146.880 MHz (-) PL 100 Hz. Check website at www.prescotthamfest.com for updates. Hamfest contact: Frank Bender, K8FB - k8fb@arrl.net. Sorry - No Guns, Drugs, Alcohol, Smoking, Vaping, Fireworks, or Pets per ERAU.

22 July 2017 - **White Mountain Hamfest** - hosted by the Kachina Amateur Radio Club - location to be announced. Free Admission. Vendors/Tailgaters - \$5.00 per space. VE Session begins at 9:00 AM, Walk-Ins Allowed. Demonstrations, Grand Prizes, Hourly Prizes, Coffee & Donuts, Arts & Crafts, and More. Talk-In 145.310 PL 110.9. Visit the web site at www.kachina-arc.org and click on "Hamfest" for up to date information. Contact - Vince at ka7joi@cableone.net or Chad at chad@kevingdickim.com.

28 October 2017 - **2017 ARRL Arizona State Convention/Copafest 2017** - hosted by the Maricopa Amateur Radio Association will be held at the UltraStar at Ak-Chin Circle in Maricopa. Swap Meet, Free VE Testing, Educational Seminars, Raffle Prizes and more. In addition, UltraStar offers 12 Cinemas, 24 Lanes of Bowling, Laser Tag, a Video Arcade, Restaurants, Cocktail Lounge and much more. For info, visit the web site at www.copahams.org or email info@copahams.org

11 November 2017 - **Oro Valley ARC Hamfest** - hosted by the OroValley Amateur Radio Club will be held at Marana Middle School, 11285 W Grier Road in Marana. Gates open at 7:00 AM (5:00 AM for sellers) and closes at 1:00 PM. Admission: \$5 (Children under 12 free with a paid adult). Valid Student IDs are also free. Sellers: \$10 per space and includes seller. Prizes, VE Session, Seminars, QSL Card Checking, Breakfast & Lunch Available. Talk-In: 146.620(-), 444.100(+), and 147.32(-) all PL 156.7. For information, visit the web site at orovalleyarchamfest.com or contact Steve, W1SR at w1sr@arrl.net

The Arizona Legislature FINALLY adjourned sine die on Wednesday, May 10th, at 7pm. This is 3 weeks later than normally scheduled. SB1132 will become law on August 9th, 90 days after the session was adjourned.

As with many steps in the process, it's a hurry up and wait situation. Work has already begun on PRB-1 and HOA legislation in Arizona for next session. Also, pre-empting or defending distracted driving bans on ham radio as seen in Pima county.

The next meeting of the Amateur Radio Council of Arizona is at the Prescott Hamfest on June 10th. SB1132 will be on the agenda. Any status updates and future planning will be discussed at that time.

Hamfest Calendar Continued from Previous Column

18 November 2018 - **HARKFEST Tailgate Hamfest** - 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 upon Request - Prizes Arts & Crafts Show 9 AM - 2 PM and Lunch at Activity Center

2 December 2017 - **Superstition SuperFest 2017** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Avenue in Mesa. Hours are 8:00 AM to 4:00 PM. Admission \$5.00 per person, children 12 and under free. Tailgate \$10.00 per space. Grand Prizes and Hourly Door Prizes. VE Testing - Registration from 8:00 AM until 9:00 AM, Testing begins at 9:00 AM. Pre-register at times listed. ARRL Card Checking. Special Events Station - K7A Commemorating the USS Arizona. GOTA Station. Fox Hunts. For more information, contact the SuperFest Chairman at chairman@superstitionhamfest.org.

13 January 2018 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club will be held at the Northwest Community Church, 16615 N 43rd Avenue in Phoenix. Visit the TBARC web site at www.w7tbc.org for additional information. Contact: Walter Reinert, NJ8G at 602.938.8219 or nj8g@cox.net for more information.

16 - 17 February 2018 - **2018 Arizona Section 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.



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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.

June Test Sessions

Jun 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

Jun 3rd - ORO Valley ARC -- 10:30 AM

Oro Valley Police Sub-Station, Oro Valley Marketplace, Oro Valley
 Contact - Quinton Gleason qagleason@comcastnet

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

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

Jun 5th - AARC & WVARC -- 12:00 PM

St Clement Church, 15800 N Del Webb Blvd, Sun City
 Contact - Joseph Cuttita 623.215.2226

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

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

Jun 17th - Unsponsored -- 10:00 AM

Kingman Middle School, 1969 Detroit Ave, Rm 310, Kingman
 Contact - Daniel Miller 928.897.3883

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

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

Jun 20th - Motorola ARC of Arizona -- 5:00 PM

Denny's, 825 S 48th St, Tempe
 Contact - Edward Olague 602.885.7725

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

Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix
 Contact - James Skinnell 602.826.1949
 No Walk-Ins



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SHORT SKIP

No Report Received



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

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

We will try from Boswell Hospital next, which looks good from the computer program. Will keep you posted.

Bob KG7FIL kg7fil@arrl.net



Test Sessions Continued from Previous Column

Jun 21st - Central Phoenix VE Team -- 6:00 PM

South Mountain Community College, 7050 S 24th St, Phoenix
 Contact - Bill Martin 480.205.3625
 No Walk-Ins - Limit Space - Contact Prior to Exam

Jun 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

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**American
Red Cross**

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



We attended the Cochise Hamfest, May 6th and had a good time. Even managed to pick up a few items I'd been searching for. Saw some old friends and chatted with many friendly folks from the CARA Club. We took the RV and stayed at Kartchner Caverns – one of our favorite places to stay. A little bit out from Sierra Vista (about 30 miles), but nice to be secluded away where one can experience quiet and see the stars.

One of the items I managed to snag was a Kantronics KAM Plus, dual-port TNC which we will use to enhance our packet and Winlink capabilities on VHF/UHF and HF. This should give us global email in the ERV and/or the Red Cross radio room.

As mentioned last month, we had the UHF repeater down for a noise issue. I'm happy to report the problem has been resolved and placed back on the air. We have acquired new antennas and coax and plan on updating both repeaters soon before it gets too hot.

Just a reminder - the Public Service Amateur Radio Group's (PSARG) Tuesday net is at noon on our repeater (146.84 – PL 162.2) and then again at 6:30 P.M. on Thursday.

Your Humble Scribe,
Mark, N7KKQ



The Arizona Amateur Radio Club has a new secretary, Reinhard Geisler, K7RGG, who was elected at the May meeting. At the same meeting, AARC members, who are now looking forward to this year's Field Day from June 23 through 25, discussed the alternatives for the location for the 2017 Field Day. Although operating Field Day from the Red Cross Building, as we did last year, involves a minimum of set-up and is close as far as location, a mountain location like Mingus provides cool weather and RV camping. Reinhard Geissler, K7RGG, and Ingrid Geissler, W7ISG, made a trip to check out possible Field Day locations between Clint's Well and Flagstaff and south. It was suggested that our Field Day be held atop Mingus Mountain (7,500 feet elevation) at the Methodist Camp, where there is RV camping with hook ups, and generator operation is okay. The distance from Phoenix to the Methodist Camp is 103 miles, and it would take 1.8 hours to get there. A motion to operate Field Day this year from the Methodist Church Camp on Mingus Mountain was approved, and we are looking forward to this event.

During the May meeting Peter Petrotta, KD7OIW also passed around and explained several pieces of microwave equipment that he is using on the ham bands. It was not only interesting, but very informative.

73,
Lori, WA7EDI



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

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

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