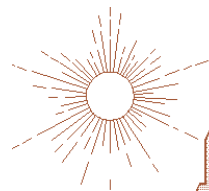


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 43, No 9 September 2018

CLUB MEETING SCHEDULE

ARCCC
Aug 25th
American Red Cross Bldg
Phoenix
9:00 AM

WVARC
Sep 3rd
Shephard of the Desert
Luthern Church
7:00 PM

SuperstitionARC
Sep 18th
Charles K Luster Bldg
7:00 PM

ARA
Sep 27th
Denny's Restaurant - Tempe
7:30 PM

MARCA
Sep 18th
Denny's Restaurant - Tempe
6:30 PM

MARA
Sep 1st
Maricopa PD Community Rm
9:00 AM

ANSR
Sep 20th
via GoToMeeting
7:30 PM

YARC
Sep 6th
Prescott Rodeo Grounds
7:00 PM

OVARC
Sep 21st
Ascension Luthern Church
7:30 PM

TCARA
Sep 17th
Goodyear City Hall
7:00 PM

CLUB MEETING SCHEDULE

SARC
Sep 5th
Scottsdale Senior Center
7:00 PM

AARC
Sep 13th
Red Cross Bldg. - Phx
7:00 PM

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

TBARC
Sep 20th
North Phoenix Campus
Northern Arizona University
7:00 PM

MCCARC
Sep 3, 10, 17, 24
Mesa Community College Tech Bldg
7:00 PM

CADXA
Sep 6th
PERA Club
7:00 PM

ADAW Member Clubs

ARIZONA AMATEUR RADIO CLUB

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

President	Gary Hamman	K7GH	602.996.8148
Vice President	Mark Kesauer	N7KKQ	602.843.0960
Secretary	Reinhard Geissler	K7RGG	
Treasurer	Bob Hodges	K7JJT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Bob Hodges	K7JJT	602.375.9982

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

SCOTTSDALE AMATEUR RADIO CLUB, INC.

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

President	James Wasson	N7ELL	480.456.1154
Vice President	Ray Vasques	K4RMV	
Secretary	Paul Jorgenson	KE7HR	
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
	T D Kennard	N7ISR	
	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 THURSDAY** of the month at 7:30 p.m. via GoToMeeting. Technical meetings are held the first Monday of the month at 7:30 p.m. on GoToMeeting. Please contact an officer about joining our meetings.

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

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

THUNDERBIRD AMATEUR RADIO CLUB

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

President	Brian McCarthy	AK7F	president@w7tbc.org
Vice President	Chris Johnson	K6OZY	vicepresident@w7tbc.org
Secretary	Gary Cline	AF7BJ	secretary@w7tbc.org
Treasurer	Darren Johnson	AF7CO	treasurer@w7tbc.org
Board Members	Clair Wyant	KG7MAJ	kg7maj@w7tbc.org
	Wayne Hale	W6IZK	w6izk@w7tbc.org
	Robert Fairfield	K7RQN	k7rqn@w7tbc.org
	Andrew Cornwall	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 Directors:	Cliff Hauser	KD6XH	
	Jim Ulmer	KC7THU	
	Lin Donnelly	KF7CNR	
WebMaster	Ted Willis	AA7HX	520.790.3828
		(www.oprc.org)	
Trustees:	(all repeaters operating under the K7TRA call)		
Primary	Cliff Hauser	KD6XH	
	146.660, 146.820, 147.220-		
	Paul VanBeverhoudt	KA7LFX	224.06+
Secondary	Ted Willis	AA7HX	146.66-
	Ralph Turk	W7HSG	146.82-
	Paul VanBeverhoudt	KA7LFX	224.06+

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

AZ RED CROSS COMMUNICATIONS CLUB

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

President	Frank Engstrom	KB7IQ	480.209.7300
Vice President	Larry Buchanan	AA0LB	623.703.9161

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



ADAW Member Clubs

BARRY M GOLDWATER, ARIZONA CHAPTER QUARTER CENTURY WIRELESS ASSOCIATION

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

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

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

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

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

MINGUS MOUNTAIN REPEATER GROUP

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

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

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

MARICOPA AMATEUR RADIO ASSOCIATION

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

President	Steve Miller	W6SDM	602.290.1603
Vice President	Chris Canevit	W7CGC	
Secretary	John Wiltberger	N07IN	
Treasurer	Curt Steger	NA7CS	520.568.9471
Board Members:	Ronald Beasley	KG7MUV	520.568.4880
	Bob Howard	W8RH	520.709.6176
	David French	N7FAN	480.430.9426
	Dale Dallon	KB7DD	
	Greg Harding	KG7VNZ	
PIO:	Steve Miller	W6SDM	602.290.1603
Webmaster:	David French	N7FAN	480.430.9426

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

WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club is an Arizona 501(c)(3) non-profit corporation. Meetings are the **FIRST MONDAY** of each month at 7:00 PM at Shepherd of the Desert Lutheran Church, 11025 N 111th Avenue in Sun City. Doors open at 6:00 PM, Meeting starts at 7:00 PM, VE Testing at 8:00 PM. The board meets the third Tuesday of the month at Lou's Trivoli Gardens, 12535 W Bell Rd, Surprise at 7:00 PM. The Emergency Preparedness Group meets the third Monday of the month at 7:00 PM at Boswell Hospital. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. The preparedness net is held the last Friday before the monthly Monday night meeting at 8 pm on the NY7S repeater 147.300 MHz, Tone 162.2 Hz. A weekly breakfast is held every Thursday at Lou's Trivoli Gardens, 12535 W Bell Rd., at 7:00 AM.

President	Gary Robin	K9HDU	
Vice President	Ralph Nagle	W9ADW	
Secretary	April Kramer	KI7GFJ	602.284.6312
Treasurer	Tom Connor	W7TLC	623.444.7956
Club Directors:	Bob Paul	KG7FIL	623.252.0149
	Nancy Collins	KG6QWW	

623.398.5286

Many Blanco	KI7QLD
David Putman	W7DCP

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>. Email: suncitywvarc@gmail.com

SUPERSTITION AMATEUR RADIO CLUB

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

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

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



ADAW Member Clubs

MARCA, Inc. / W7MOT

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

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

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

ARIZONA REPEATER ASSOCIATION, INC

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

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

For Membership Information, contact (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.

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	Kathy Laing, KJ6KMK	president@w7yrc.org
Vice-President	Joe Thomas, KG6IDN	vice_president@w7yrc.org
Secretary	Art Jackson, KA5DWI	secretary@w7yrc.org
Treasurer	Mike Reid, N7IEP	treasurer@w7yrc.org
Board Members	Frank Bender, K8FB	k8fb@w7yrc.org
	Don Bauer, WB7TPH	wb7tp@w7yrc.org
	Dave Hanson, W7BJ	w7bj@w7yrc.org
	John Laing, K7PRS	k7prs@w7yrc.org

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

ORO VALLEY AMATEUR RADIO CLUB

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

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

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

MESA COMMUNITY COLLEGE AMATEUR RADIO CLUB

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

President	Charlie Brown	NJ7V	nj7v@arrl.net
Vice President	Nick Bratcher		thetowerpeople@gmail.com
Senator	Victor Valderram		vica50911@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	K7JP	480.345.7800
Treasurer	Karen McConaghy	NO7D	602.799.7338

Board Members:

Jean Jolkovski	W4CIH	ADAW, Publicity
Steve Warford	WB4ZSC	Tech/IT, CARL/ASC Interface
Open		Logbook/QSLs
Tom Salt	AD7PM	At Large
Sam Marshall	N7INV	Scheduling
John	K7JP	Teacher Packets
Bob	KG7QJ	ASC Contact

Web Master - Allyson Lee

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.cadx.org/meetings.html for a map. The May meeting is an outdoor barbecue at 6:00 p.m. (reservations required).

President	Lee Finkel	KY7M	ars-ky7m@cox.net
Vice President	Fred Hoffert, III	NA2U	cwman1@aol.com
Secretary	Bill Poole	AA4Q	bill@poole.com
Treasurer	Alton Chaney	W7ACX	w7acx.480@gmail.com
Past President	Tom Kramer	NQ7R	tkramer@azci.net
Board Members	Larry Loen	WO7R	lwloen@gmail.com
At-Large	Reinhard Geissler	K7RGG	d1luf@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.cadx.org.



Happy Grandparent's Day!
September 9th

TRICITY AMATEUR RADIO ASSOCIATION

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

President	Bob Nobis	N7RJN	n7rjn@nobis.net
Vice President	Open		
Secretary	Carol Melton	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.



READY FOR LABOR DAY?

September 3rd

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**

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adawaz@arca-az.org or adaw@adaw.org

ADAW WEBSITE

ADAW

Public Service Calendar

Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Barn Burner Mtn Bike Race	Kendrick Peak N of Flagstaff	09/08/18
Mogollon Monster 100	Pin & Mogollon Rim	09/15/18
Tour de Scottsdale	Scottsdale	10/07/18
Xterra Estrella Mtn Trail Run	Estrella Mountain Park	10/07/18
Javelina Jundred	Fountain Hills	10/27/18
Heart of Arizona	Congress	11/03/18
MS Walk on the Wild Side	Phoenix Zoo	11/03/18
Phoenix Half Marathon	Downtown Phoenix	11/04/18
Cave Creek Cactus Classic	Cave Creek	11/10/18
Xterra San Tan Trail Run	San Tan Park	11/11/18
AuxComm Interest	TBD	11/30/18
Scottsdale Half Marathon	Scottsdale Civic Ctr	12/09/18
Xterra - White Tank	Waddell	01/06/19
Prickly Pedal	Cave Creek-Lake Pleasant	01/19/19
Pancake Run	Paradise Valley Mall	02/03/19
Xterra McDowell Mtn	Fountain Hills	02/03/19
Black Canyon 100K	Spring Valley to the Emery Henderson Trailhead	02/16/19
Xterra Black Canyon Trail Run	Black Canyon City	03/10/19
ADA Tour de Cure	North Valley	03/16/19
Mesquite Canyon	Waddell	03/16/19
Crown King Scramble	Lake Pleasant to Crown King	03/30/19
March of Dimes for Babies	Wessley-Bolin Park, Downtown Phoenix	04/13/19

To sign up for an MCECG Public Service Event: www.mcecg.net

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

ADAW





AMATEUR RADIO SERVICE
DEMONSTRATION STATION

W7ASC.org Direct phone 602-716-2082

Hours of operation: Same as hours for Arizona Science Center, subject to availability of Volunteers. To find the Shack, go to the Science Center third floor "My Digital World" gallery

As usual, summer has been a busy time at the Ham Shack. As temperatures approach, and exceed, triple digits, fewer outdoor activities are attractive. The Arizona Science Center is a pleasantly cool alternative, so the visitors escape the heat by staying inside. Once inside, the Ham shack beckons. Morse code! Real radios, giving visitors the opportunity to talk to other real people who may be located in faraway places. The shack is operated by real Hams who may be asked real, ridiculous, questions to which the visitor might receive real, ridiculous answers! Sample below:

Question: "Can I use my CB experience to get a Ham license?"

Answer: "Of course! Just follow a few simple steps and you will be converted to a Ham. First take, and pass, a simple 35-question test. This might be a small fee. The volunteer on duty will tell you how you can find a testing location. Once you pass, A Federal government organization will assign a unique license to you. Also known as a Call Sign. This will be yours for life, at no cost, so long as you remember to renew every ten years. Even after you pass away, you will always be remembered as a Silent Key.

Now you can join (optional) the American Radio Relay League, aka the ARRL. You will start to receive a great magazine, QST, that deals only with matters pertaining to Ham radio!

Now you may purchase Ham radio gear. If you wish you may buy new equipment. Better yet, attend some of the local Ham fests where used equipment may be obtained at bargain prices. The Volunteer on duty at the Shack can provide you with local Ham fest schedules. Having taken all of these simple steps, you might now join a local AZ Ham club. Some of those are listed at the beginning of this ADAW newsletter. Now – wasn't it easy to convert from CB to Ham? You do not even lose any credit."

CARL Continued from Previous Column

There are other questions, of course. "Who needs Ham radio when we have Internet and WiFi everywhere?" "Why did people use Morse code instead of their cell phone?"

You can see why visitors flock to the Ham shack. Where else could one find answers to these burning issues?

We do not normally call attention when a new volunteer starts at the Shack, but we must make an exception this month. Our newest volunteer is TEN YEARS OLD! Well, he was ten when he started, but he informed me that he is now eleven, but he was, officially, ten when he was accepted and when he helped on Field Day. It is worth noting that this is our second ten-year-old volunteer. Our first one has now moved on to college. This youngster's Dad is also a volunteer. For his 11th birthday, the present was a code oscillator. Could you think of a better present for a young Ham volunteer? One who has been demonstrating Morse code to visiting youngsters?

Here is an anecdote that has been reported by one of the experienced volunteers. A not-so-young person approached the Shack and asked for an explanation of time zones. Why are there multiple clocks above the big map? This visitor gradually began to comprehend, to the point where he asked how one knows the time at the North Pole! The volunteer worked really hard to answer the question, but kept it simple. Then came the really serious puzzle question, where, and which Time Zone, does Santa have his workshop. That question is no longer in the Extra exam pool. Between the visitor and the volunteer, they finally agreed that Santa had his HQ in Greenland. The visitor left, a smile on his face, content that he had finally resolved the most important question that had been bothering humans. We also serve who do Morse code and explain time zones.

Anyone who has spent time in the Shack knows that it is very common for visitors to announce that some family member is a Ham. When a lady stopped by to tell us that her Dad is an active Ham in Pittsburgh, Pennsylvania, we acknowledged that comment and inquired as to whether she was an Arizona resident. "No" she said. She was here for a conference and would soon return to Pittsburgh where she resided. Would she be seeing her father? Yes! She sees him quite frequently. We gather W7ASC material that, we thought, might be of interest to her Dad: ADAW, W7ASC QSL card and various fliers. She assured us that her Dad would add our QSL to his overflowing collection. He is not a new Ham! Another knowledgeable visitor, we thought, and tucked the memory of the visit into the History folder in our head.

Well! A few days later there was a message in our inbox. An email from that Dad, back in Pittsburgh. He thanked us for the attention we had shown to his daughter and commented on the descriptive material that she had brought to him from the Shack. He commented upon our QSL card and sent his 73. He did not mention the bands that he frequented, but he said that

Continued Next Column

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Not too much to report this month.

We have two new members since the last newsletter - Mike Helsing KB7OCR of Chino Valley and James Ray Sr. KF7SLM "Slim Jim" of Glendale, AZ

I went to the Kachina Radio club swapmeet in Pinetop, AZ the last Saturday in July. There were several MMRG members present. I also saw a lot of hams that I don't usually see at other swapmeets.

73,

Bob K7POF

ADAW

CARL Continued from Page 7

he would listen for us on air. That was a bit more than just a mention of a Ham in the family.

W7ASC has room in the schedule for a few more volunteers. As Chris N7PVL, ADAW editor, pointed out in her August message, volunteering goes beyond being just a bit of giving back to the community. It is actually fun to talk about Ham radio to curious, and often misinformed, visitors. Stop by in order to see for yourself just what it is that the volunteers do there. Look at the equipment that is available to demonstrate the many facets of Ham radio. HF! VHF/UHF! DMR! Lots of Ham software, including Ham Radio Deluxe and PSK31! Echo-link in action. Actual working WiFi – wait! That is not Ham, but it is RF.

Participate in the excitement. Join as a volunteer at the Station and Sam N7INV will find a spot in the schedule that is convenient for you.

Have questions? Call the W7ASC Shack direct at 602-716-2082. Have a story that should be a part of some future newsletter (how did YOU become a HAM)? Send it to jeanjol@hotmail.com

Have a great September with great DX and hours of satisfying volunteering. Take a look at our new and improving web site at W7ASC.org.

73 from W4CIH 480-664-7353

Of course you want to hear about the August meeting of the Arizona Amateur Radio Club, which occurred on August 9. It was one of the rare occasions when I, Lori WA7EDI, Club Activities Manager, missed a meeting, but August 8th was the day when I had a complete knee replacement and I was still in the hospital wishing I could be at the AARC meeting with the group. I was able to check in with a quick cell phone check-in from the Oasis Hospital.

The AARC certainly knows how to help out in unusual situations. At the August meeting, Reinhard, our secretary, who usually takes minutes, was in Germany, and Steve Tolnai, W7WSV filled in by doing an excellent job of recording minutes for the meeting. That makes it possible for me to tell you that twelve members/guests signed in and responded to the question "What is/was your favorite campsite?" Gary, K7GH filled in and entertained comments on a September AARC Club campout at the United Methodist Campground on Mingus Mountain. A date is still to be determined, with the possibility of shifting to October.

During the meeting, an ARCCC report was given. President Peter Petrotta, KD7OIW had made another trip to Yuma to work further on clearing up operation/use of their FT-897 radio on HF and VHF/UHF. Mark Steel, KI7RB updated the group with some of his activity on HF nets—80/40 meters plus some activity on 2M SSB. The group is also pursuing the use of 1.2 GHZ around the valley.

The program of the night was a talk on oscilloscopes by Frank Engstrom, KB7IQ. The model used in the demo was a Tektronix 2335 portable bench-type o'scope. This 'scope sports a 100MHZ bandwidth, making it suitable for signal measurements over the HF bands (up to about 30MHZ). Using a homebrew signal generator for sample waveforms, he explained the basics of how to initially set up the 'scope to display and measure some basic signal types, i.e. sine and square wave. A discussion of manipulating the time base and waveform triggering to obtain the needed measurements finished out the program.

The Arizona Amateur Radio Club, as many others I'm sure, provides members with an enjoyable way to learn as well as to develop friendships with others who share like interests.

ADAW

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Upcoming ANSR Flight Schedule:

ANSR Flight 119 will be at CopaFest in Maricopa, AZ on October 27, 2018

ANSR Flight 120 and 121, ASCEND* 32 and 33, November 17, 2018, at the University of Arizona Agricultural Center, Maricopa

ANSR Flight 122 will be at the Yuma Hamfest, Feb 15, 2019 (date may change)

ANSR Flight 123 and 124 ASCEND 34 and 35, will be on March 30, 2019, at the University of Arizona Agricultural Center, Maricopa

The location of all flights is conditional depending on weather conditions. If winds at higher altitudes change our recovery predictions, we will move to an alternative launch site. Generally, we know the evening before the flight whether or not the conditions favor that location.

* ASCEND is an acronym for Aerospace STEM Challenges to Educate New Discoverers. Essentially, it is an organization designed to give students the opportunity to send experiments into space. ANSR is a part of that group, which includes colleges and universities throughout Arizona.



TBARC Continued from Previous Column

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 September, Ron Douglass NI7J and Ward Wheaton WH2XXP will tell us all about the new 630m and 2200m bands. It's kind of daunting to think about a radio system where a half-wave antenna is over half a mile long! What can you do in the city with a normal-sized backyard? Find out at the meeting!

Andrew Cornwall
KF7CCC
kf7ccc@arrl.net



We've had a lot of activity with our repeaters lately! Today the 446.150 repeater and the 147.040 repeater are back online at their final site. Assuming the weather doesn't prevent it, this weekend a hardy crew will be assembling very early in the morning at Gary WK7B's place, and then caravanning to the site - where they'll meet with the tower climbing crew, whose job it is to put our 70-cm repeater in the correct position (156 feet above terrain) and also install the 4-bay 2M antenna at the same height. That's likely to improve our radio footprint considerably.

And one of the things you can do with that improved footprint is to use it! The Thunderbird Amateur Radio Club Tuesday Night Net happens every Tuesday night at 7:30 p.m. local time. It's great to have people join the net - and lately our participation has been growing - but make use of the repeater system at other times too! Call for a signal report if you can't think of anything else . . . we'll be interested to see how the repeater coverage is from different places around the valley. And if you've got a dual-receive radio, leave one side on the TBARC repeater, so you can respond if someone calls.

Gary AK7BJ has been at work fine-tuning the Yaesu Fusion repeater. He's got it online at 145.23 and has arranged solar power for it so it can run when the lights go out. He'll continue testing it along with Brian AK7F.

Brian's also been busy with administrivia. Because of his efforts, we now have our room at Northern Arizona University sorted out for another six months. (That's the longest they allow us to request, and they want a lot of paperwork filled out before they say "yes.") Thanks, Brian!

And Clair KG7MAJ has been busy as well. He went soliciting donations for our membership drive. Due to that, Heil Sound has donated a microphone and a lot of Heil goodies to help us out. Thanks Clair!

In sadder news, we recently learned that one of our longtime members became a silent key. Edwin ("Ed") Harold Braatlien Jr., KF7EWP, died on June 1 after a long battle with cancer. Ed was 84 years old. You probably remember seeing him at TBARC's general meeting with his son Tom, or maybe you heard him on the net. Ed will be missed.

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

Continued Next Column



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

Holding a hamfest is not for wimps. Succeeding at one of these ventures requires teamwork, leadership, risk-taking, and organization. Organizers need to be willing to give up personal time to go to meetings, have work sessions, make phone calls, and other activities that are required. Not having a solid plan can lead to an event with a low turnout or even a loss of club money in some cases.

In the case of the Maricopa Copafest, the planning starts as soon as the previous hamfest ends. Our venue, the UltraStar must be reserved and paid for in advance to ensure that our advertised dates are available. Contracts have to be signed. Once that happens, we're obligated.

Closer to the date of the event, we start looking for presenters for our seminars. We also have to arrange for VE testing. Some hamfests don't hold seminars because they don't have a facility that allows for meetings. That's okay, but hamfests are an excellent opportunity to hold VE testing and bring new hams into our hobby.

We start scouting for raffle prizes. While we would like to give away some high-end HF radios, the amount we can spend on the raffle and still turn a profit is determined by the number of people in attendance – and how many of those people buy tickets. That's very difficult to determine.

In order to get tailgaters and vendors interested in the hamfest, there has to be advertising at other events so that they know about your hamfest. ARCA does a fantastic job of putting your flyer out at every hamfest. This is probably the best way to get the word out as both hamfest attendees and tailgaters will see your flyer. Getting your event registered on the ARRL website is also a good way to get the word out.

Then there's equipment. Pop-ups, tables, and chairs are needed. A sound system is needed to make announcements. There are a couple of acres of ground to cover, so it's nice to have a golf cart to get around on and help buyers with heavy purchases get their items out to the car. Oh, and where to store all these items until the next hamfest? Again, the ARCA has just about everything you would need for a hamfest in a trailer ready to be loaned out.

Let's not forget about porta potties. Maybe, on the other hand, let's forget about them.

In our club, we have a hamfest committee that is responsible for holding meetings, chasing down details, sending messages

Our next scheduled meeting is Saturday, August 25, at 9:00 AM. All Amateurs are invited. This will be held at the Red Cross Building in the Clara Barton room. For more information and directions, visit our website at www.k7arc.org. At this meeting we will discuss tweaks to the bylaws and make tentative plans for outdoor projects with the impending cooler weather.

Our work-party crew has been busy taking various systems out of our old ERV (Emergency Response Vehicle) in anticipation of installing it in our new ERV. The old ERV will be retired soon.

Don't forget about the PSARG net on Tuesdays at noon. Also, we are sharing the Tuesday night net with our friends over at the PSARG. We have the odd-numbered weeks and they operate on the even-numbered ones. So come join us - 7:30 PM Tuesdays - on our VHF repeater. Both are available on Echolink as well. You can check out our net schedule on our website.

Your Humble Scribe,
Mark, N7KKQ

ADAW

MARA Continued from Previous Column

and making phone calls, and doing the overall planning of the event. When it gets closer to the time of the event, tasks are assigned to volunteer club members.

If multiple people work together to put on one of these events, it's not that difficult. Divide the tasks and responsibility so that no one person is burdened with doing everything. Have someone follow up to ensure that everything is being handled. Holding a hamfest is the best way to raise funds for your organization and also to give your club a presence in your local community.

Steve Miller

visit my website and blog at w6sdm.net
follow me on Twitter <https://twitter.com/stevedmiller>

Continued Next Column

ADAW

Hamfest Calendar

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

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

10 November 2018 - **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)

10 November 2018 - **Oro Valley Hamfest** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11285 W Grier Road in Marana. Gates open at 7:00 AM (5:00 AM for sellers) and closes at 1:00 PM. Admission: \$5 (Children under 12 free with a paid adult). Students with AZ School ID are 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 more information, please visit the web site at orovalleyarchamfest.com or send an email to hamfest@tucsonhamradio.org for more information

1 December 2018 - **Superstition SuperFest 2018** - hosted by the Supersition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Ave in Mesa. Hours are 8:00 AM - 4:00 PM. Admission is \$5.00/person (includes 1 door prize ticket) and children 12 and under free. Tailgate is \$10.00 for 2 spaces which includes 2 paid admissions tickets. VE Testing will be available. Registration is from 8:00 to 9:00 AM with testing beginning at 9:00 AM. ARRL Card Checking, Special Event Station, GOTA Station, Fox Hunt, Prizes, Live Music, Food Vendor, and Drinks will be available. Contact the Hamfest Chairman at chairman@superstitionsuperfest.org for more information.

January ?? 2019 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club. Location and Date to be determined. Visit the TBARC web site at www.w7tbc.org for up-to-date information.

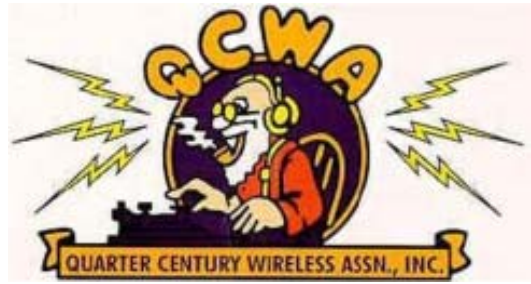
4 May 2019 - **Cochise Hamfest and 7th Region Communications Exercise** - hosted by the Cochise Amateur Radio Association will be held at the club site, 2756 South Moson Road in Sierra Vista. Gates open at 7:00 AM. Free Admission and Parking. Tailgating - \$5. Inside Table - \$10. VE Testing from 9:00 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.

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. Watch for details. 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.

ADAW





CHAPTER 16 BARRY M. GOLDWATER ARIZONA CHAPTER

The August 2nd meeting had a good turnout for the middle of summer. I was in Chicago visiting family and friends and missed it, but got a full report. Attendees got their sneak peek at the Baker Island DXpedition that will be shown in detail at the September meeting coming up. The highlight was the D-I-Y program of personal stories. From what I heard, the stories could have gone on until midnight because time ran out long before the stories. That only suggests that we need to do a Part 2, so others get a chance for equal time. Among the highlights, per NA2U:

“It was fun hearing about guys’ first stations, mostly modest of course. Some spoke of their Elmers. Reinhard recounted his experiences operating from behind the Iron Curtain in East Germany and then returning to East Germany after the Berlin Wall fell using a Y2/DL1UF callsign. One spoke about their coolest QSO being the one with JY1, King Hussein of Jordan.”

This past month was BAD for monsoon activity. I have only heard one report of a damaged antenna (the monster EME array in Maricopa) and hope there were no downed towers or other damaged antennas. I had my own unexpected tower adventure on the night of July 30th when gale force winds struck north-central Phoenix while I was returning home from supper at a nearby restaurant. The storm clouds were way out east when we left the house, so I left my tower fully extended. When we approached the house after dinner my garage door did not respond to the remote button and I instantly realized that power was out at my QTH. Since I have an electric winch on my tower that meant no power to lower the tower. Fortunately, my Field Day generator was in the shed in my back yard and still had gas in it. I scrambled to pull it out, crank it up, and was able to retract the tower before any damage was done. I had never seen the tower or my antennas moving as much in the wind as I did that night. Phew!

We finally have a little DX action as I write this column – TX5T is on from the Austral Islands near French Polynesia in the South Pacific. They have been reported with good signals into Arizona on all of the bands with propagation in our zero-sunspot world. It looks like E season is waning rapidly on 6 meters, but oh what an E season we had this year!!! Just this past week, I received 6m QSLs from PA2M, SV1DH and F6HMQ from multi-hop FT8 openings earlier this summer.

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.

ADAW

CADXA Continued from Previous Column

Next Meeting is September 6th at the PERA Club at 7:00 p.m.

The September Meeting will be held at 7:00 p.m. on Thursday night, September 6th, at the PERA Club. Ned Stearns, AA7A, and Bud Semon, N7CW, will share their pictures and stories from the recent KH1/KH7Z Baker Island DXpedition. Under the banner of the Dateline DX Association, this team made more than 70,000 QSOs during their week on a very inhospitable island in the South Pacific. Hams have only been allowed to land there once every 10 years under tightly regulated conditions set by the U.S. Fish and Wildlife Service. The team did remarkably well considering visits from Murphy and storm clouds.

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

73,
Lee, KY7M
CADXA President

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ADAW

License Testing Information

When you are ready to take an exam for an Amateur Radio license, there are Volunteer Examiners available to assist you. Each Applicant will need to bring a picture ID (some test sessions require two forms of identification). 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.

September Test Sessions

- Sept 8th - NOMADS -- 9:00 AM**
 Venture Out RV Resort, 5001 E Main St, Mesa
 Contact - Robert Bingham 480.404.1408
- Sept 8th - Yuma ARC -- 9:00 AM**
 Yuma County Sheriff's Office, Training RM 2, 141 S 3rd Ave, Yuma
 Contact - Robert Spencer 928.941.7069
 No Walk-Ins - Appointment Only
- Sept 10th - Radio Society of Tucson -- 7:00 PM**
 Hardesty Mid-Town Police Bldg, 1100 S Alvernon, Tucson
 Contact - Diane Zimmerman 520.664.5070
- Sept 15th - Hualapai ARC -- 10:00 AM**
 Kingman Fire Station #1, 2470 E Butler Ave
 #1 Fire Station Northern Ave, Kingman
 Contact - Alyce Ingle 425.231.9173
- Sept 15th - Unsponsored -- 10:00 AM**
 Kingman Fire Station #1, 2470 E Butler Ave, Kingman
 Contact - Daniel Miller 928.897.3883
- Sept 15th - NOMADS -- 9:00 AM**
 Venture Out RV Resort, 5001 E Main St, Mesa
 Contact - Robert Bingham 480.404.1408
- Sept 15th - Yavapai ARC -- 9:00 AM**
 Jeep Posse Bldg in Pioneer Park, 1200 Commerce Dr, Prescott
 Contact - Donald Bauer 928.775.4690
 Pre-Register online: www.w7yrc.org
- Sept 17th - East Valley VE Team -- 6:00 PM**
 City of Mesa Utilities, 640 N Mesa Dr, Mesa
 Contact - Fred Bolinger 480.242.8606
- Sept 18th - Boy Scout Troop 127 -- 8:00 PM**
 St Francis Xavier School Library, 4715 N Central Ave, Phoenix
 Contact - John Kelly 602.264.6854

Continued Next Column

Old Pueblo Radio Club INTERMOD

President's Column

No Report Received

<i>OPRC Repeaters</i>		
146.66 - PL 110.9	wide coverage	W7GV
146.82 - PL 110.9	wide coverage	W7GV
<i>RACES Repeaters</i>		
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



Test Sessions Continued from Previous Column

- Sept 18th - Motorola ARC of Arizona -- 5:00 PM**
 Denny's, 825 S 48th St, Tempe
 Contact - Edward Olague 602.885.7725
 No-Walk-Ins - Pre-registration required
- Sept 19th - Thunderbird ARC -- 6:00 PM**
 Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix
 Contact - James Skinnell 602.826.1949
- Sept 22nd - NOMADS -- 9:00 AM**
 Venture Out RV Resort, 5001 E Main St, Mesa
 Contact - Robert Bingham 480.404.1408
- Aug 22nd - 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
- Sept 29th - NOMADS -- 9:00 AM**
 Venture Out RV Resort, 5001 E Main St, Mesa
 Contact - Robert Bingham 480.404.1408



No Report Received

SARCONSTANTS:

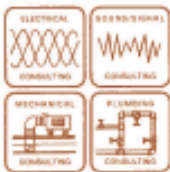
SARC is a 501 (c)(3) club. That means all donations are fully tax deductible. Contact Paul Jorgenson, KE7HR at 602.992.8043 for information on estate donations and equipment pick-up.

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.



ADAW

R.J. CARLI ENGINEERING CORP



7311 E. STETSON DRIVE
SCOTTSDALE, ARIZONA 85251

RAYMOND J. CARLI, P.E.
ELECTRICAL ENGINEER
W7GNE

(480) 941-8810 (OFF)
(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.

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

For Sale / Wanted



**LOOK!
Great Deals!**

For Sale -

Kenwood TS590s with Power Supply - \$800
Yaesu G450A controller and rotator - \$375

20-foot Rohn tower
Coax and many extras

Cushcraft A4S Tri-band beam - \$350

(20m, 15m, and 10m)
6 meter vertical antenna

Located in Glendale. You must take down tower. All equipment in excellent condition. Will sell entire package for \$1400 or prices listed above. Contact Terry Liesegang, W7TRL at liesegangt@yahoo.com

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.

Need Computer Help?

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Superstition Continued from Previous Column

Organ Stop Party Biggest Ever

As always, the organ music was a big hit. Aside from the impressive sound of the theatre organ itself, there is a wide range of sound effects since the organ’s original purpose was to supply accompaniments to silent films. Organist Charlie Balogh demonstrated these realistic sound effects, including the playing of a grand piano on one side of the room and an upright piano on the other, both upstairs, all from the organ console.

Mr. Balogh also stated some statistics. The organ was worth \$27,000 in 1927, but is now worth five million dollars with all of the additions and upgrades made to it – he is one of a select few musicians to be able to say he has “played a multi-million-dollar musical instrument,” he said.

The restaurant moved from a Dobson Road location to its current, larger building, in order to house the ever-increasing size of this theatre organ. If a scale were available to weigh the instrument, it would weigh in at 16 tons. There are 1,000 buttons and switches on the console, specially built for this installation.

The 3-inch-thick wood shutters used to hide the working parts from the theatre audience, but Organ Stop has replaced them with one-inch Plexiglas to let the works be seen by its diners. Those shutters are operated from the console to swing closed or open to reduce or increase the organ’s volume in the dining room.

Four huge blowers supply the air to the organ pipes when the keys and foot pedals are pressed. Pipes range from 32 feet tall by 3 feet diameter for a 16-hertz note to 4-1/2 inches to simulate a flute.

A New Mexico visitor told me that she was amazed when she saw the organist and the console rise from out of the floor when the music started playing! – She said, “Las Vegas has nothing compared to this!”

Once the music ended it was time for President Steve’s award presentations, pictured above. See the President’s Corner, next, for those details.

President’s Corner

by Steve, KB7KWK

I want to thank all of you who came out to Organ Stop Pizza this year. We had a great time as usual at this event. We all got to meet new people and hang out with everyone. There were about 80 people there.



I have noticed we have had more people at club meetings and events this year than we have ever had before. Thanks to all you club members who are supporting the club. It has been a great year.

As usual at the Organ Stop event, I gave out awards and honored those club members who have done a lot for the club through the year. This year those people were:

Andy Keels for his assistance as Vice President and for putting together our club programs as well as presenting some of them.

Douglas Mitchell, W7ADD for all the hard work as club Treasurer and for his work on the club membership.

Audie, AG7OE. As a brand-new ham and club member, Audie has jumped in as a fill in net control operator, and he is always offering his assistance to club members.

Dan DeVlieger, KC7MSU for helping out with Field Day as well as other duties within the Board of Directors.

Dan Karnes, W7TWR head of Tech and keeping the repeaters running at all times.

Dick Odegaarden, KB3FO as an Ambassador for the club for answering the calls that people make on the radio.

Radar Matt, KF7RM is also an Ambassador for the club. Like Dick, Matt seems to be there when someone calls out for a radio check or if they are listening, Matt will usually answer.

Jeff Harris, K2DFE, of course, for his role as chair of the club’s Field Day event each year.

Jeff Heinze, N7CCW for putting together the club raffle each month and purchasing the prizes.

John Wolven, KG7NSP for taking over as chairman of the club’s SuperFest Committee, a big job for anyone.



Continued Next Column

Continued on Page 16

Rod Fritz, WB9KMO for all he does for the Central Arizona Mesh Organization and for offering his home every month for the Mesh Workshops.

And last, but not least, Dale Schmidt, N7QJK for all he has done on the club's two websites that he maintains daily.



Dale was also presented with a Yaesu FTM-7250DR Fusion radio at the July Meeting. The Officers and Board Members contributed money to purchase the radio. The money did not come from the club. I want to also thank every Officer and Board Member for your dedication to the club. Without strong Officers and Board of Directors, it would be almost impossible to organize a club the size of the Superstition ARC.

I would also like to thank all club members for supporting one of, if not the largest, clubs in the valley.

Drawing Prize winners in July's meeting

The Yaesu FTM-7250D digital Fusion / analog FM dual band Mobile was once again taken home from the club meeting in July by a lucky club member! We have also upgraded our \$1 handheld to the BridgeCom BCH-270 dual-band FM handheld radio. BridgeCom is the company that built our repeaters for 449.600 and for 147.120.

July's \$5 and \$1 winners respectively are:



Wes Grimes, K7CEA
(Yaesu FTM-7250dr)

JD Smaylis, KF7VOX
(BridgeCom BCH-270)



Continued Next Column

The club holds a drawing every month, in which tickets go on sale during the meeting and the drawing is held that evening. Tickets are \$5 each and five (5) for \$20 for the big prize and \$1 each or six (6) for \$5 for the lesser prize.

Club Meeting: Tuesday, September 18, at 7:00 PM

We meet at Charles K. Luster Building, 640 N Mesa Drive, Mesa. Our meetings are open to everyone. Our September presentation will be DMR Radio for Dummies. DMR stands for "Digital Mobile Radio." Presentations are always geared to the newcomer. Visitors always welcome!

Tickets for the monthly meeting prize drawing will be on sale \$5 each or five (5) tickets for \$20 and \$1 each, six (6) for \$5.

New email for John, KD8PC, our longtime Wednesday Club Net Control

John no longer uses his Juno email. He is now KD8PC7 on Gmail.

73, Larry Kuck, WB7C
for Superstition ARC's part of ADAW

(Jeff, K2DFE contributed to the Organ Stop Party article)



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

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.

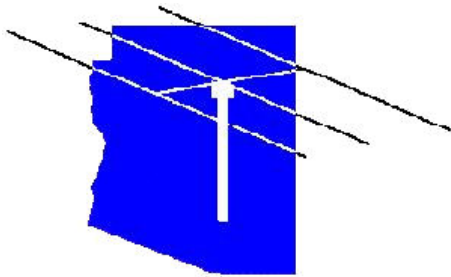
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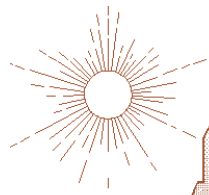


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ADAW

Arizona Desert Aire Waves

Vol 43, No 9 September 2018



Supplement

The Oro Valley Amateur Radio Club's column was inadvertently lost somewhere in cyberspace this month. Therefore, we are sending out this supplement to the September issue of ADAW with our apologies to the Oro Valley Club members and all our readers.

Have a wonderful month and "see" you next time.

73,
Chris, N7PVL

ADAW



With the monsoon season active in the Tucson metro area, so is SKYWARN. Spotters use the OVARC repeaters to report local conditions, which Henry K7AEL relays to the NWS office. As of this writing, NWS has issued three warnings based on spotter reports. More widespread storms are tracked on the EARS repeater system.

The repeater committee, led by Gary KT7AZ, has shored up internet connections on the Keystone repeater and provided a back-up switch. Work continues on integrating digital links.

July's meeting featured a demonstration of digital HF modes. Quinton NU7Y and Bill K0MP spoke about CW Ops. Some graduates offered impromptu accounts of how they've benefitted; one even took part in a CW contest! Noteworthy is that there is a considerable backlog of students, and there is a call for more experienced CW operators to volunteer as Level 1 instructors.

The HF Special Interest Group continues to hold monthly outings, which are published on www.tucsonhamradio.org. On August 18, 2018, the club commemorated the founding of Presidio San Augustin del Tucson (precursor of current Tucson, Arizona) back in August 20, 1775. Ops were at Fort Lowell Park at Ramada #3, closest to the 50-meter public swimming pool—a nice perk this time of year.

The event featured a new portable SpiderBeam, procured and assembled by Tom W8TK with assistance from Rick W7RMM. Operation on 20 and 40 meters, SSB, CW, PSK, and FT8 modes, used special event callsign K7T. Radio was an Elecraft K3, with laptop logging on N1MM Logger. Inexperienced operators took precedence, and as always, old-timers were available to help.

Rob Sherwood NC0B showed everyone how to pick an HF rig at the August club meeting. On-the-Air demonstrations of HF took place before the meeting and during breaks.

ADAW