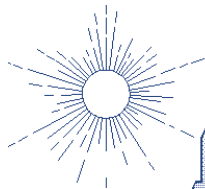
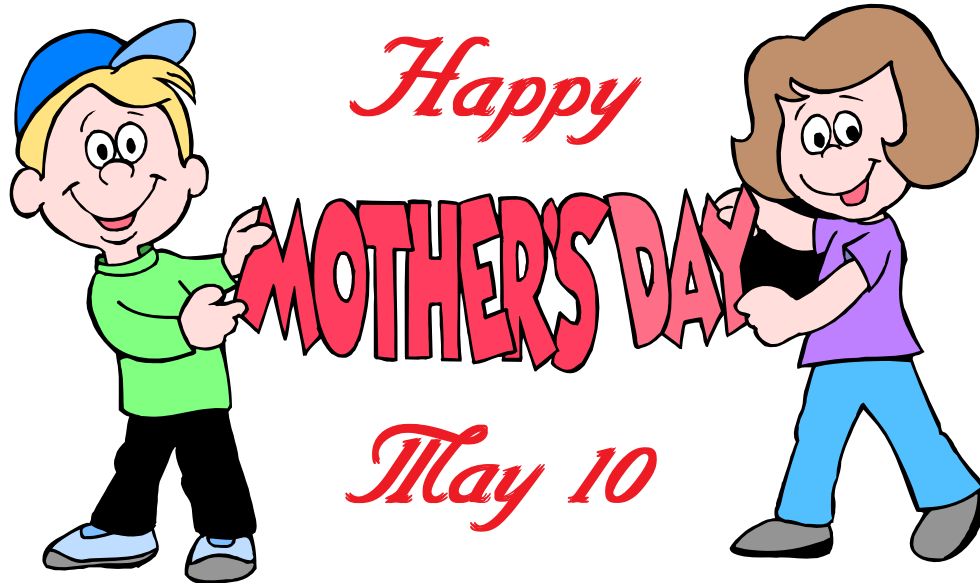


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 41, No 5

May 2016

CLUB MEETINGS SCHEDULE

SARC
May 4th
Scottsdale Senior Center
7:00 PM

AARC
May 12th
Red Cross Bldg. - Phx
7:30 PM

OPRC
May 11th
Marshall Conference Ctr
at Tucson Medical Ctr
7:15 PM

TBARC
May 19th
North Phoenix Campus
Northern Arizona University
7:00 PM

CARL
TBA
AZ Science Center
TBA

ARDG
Every Wednesday
Phoenix Country Day School
11:10 AM

CLUB MEETINGS SCHEDULE

QCWA
June or July
TBD
Prescott
11:00 AM

WVARC
May 2nd
St Clement Catholic Church
Social Hall
7:00 PM

SuperstitionARC
May 17th
Charles K Luster Bldg
7:00 PM

ARA
May 26th
Denny's Restaurant - Tempe
7:30 PM

MARCA
May 17th
Denny's Restaurant - Tempe
6:30 PM

MARA
May 28th
Barrow's Pizza - Maricopa
9:00 AM

ANSR
May 16th
via Skype
7:30 PM

YARC
May 5th
Mile High Middle School
7:00 PM

OVARC
May 20th
Ascension Lutheran Church
7:00 PM

CADXA
May 5th
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 7:30 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	Mike Zachary	KG7OSR	
Treasurer	Bob Hodges	K7JIT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	
Membership	Bob Hodges	K7JIT	602.375.9982

AARC c/o Bob Hodges, K7JIT, 15214 N 7th Place, Phoenix, AZ 85022. DUES: \$15.00/YR, Prorated (\$18.00 Family, \$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

SCOTTSDALE AMATEUR RADIO CLUB, INC.

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

President	James Wasson	N7ELL	480.456.1154
Vice President	Bob Johnsen	K7TR	480.946.1427
Secretary	Kelley Law	KF7ZVL	
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	
	David Yee	N7AJR	
	Paul Jorgensen	KE7HR	
	Ed Nickerson	WU7S	480.949.5162

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

AMATEUR RADIO DEVELOPMENT GROUP

The Amateur Radio Development Group meets **EVERY WEDNESDAY** at 11:10 a.m. on the Phoenix Country Day School campus located at 3901 E Stanford Dr., Paradise Valley.

President	Benjamin Lee	K7JS	602.614.0850
Vice President	Will Weiss	KG7FFV	480.789.932
Secretary	Nathan DeRueda	KG7GLB	480.582.8575
Treasurer	Sahil Rawal	KG7GJC	623.606.0258
Chief, Emergency Communications	Sarah Dailey	KG7GJI	480.286.3026
Chief, Research and Development	Sage Druch	KG7EQB	602.256.7997

Currently no dues. Mailing address: c/o Sahil Rawal, 3901 E Stanford Dr, Paradise Valley, AZ 85253.

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	Jim Moore	WB7ENX	
	Rick Tejera	K7TEJ	
	Joe Arnold	AD0X	
	Andrew Cornwall	KF7CCC	
Past President	Walt Reinert	N7GDP	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 each month (except June, July and August) 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.

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 Skype. Please contact an officer about joining our meetings.

President	Stephen Thomas	KE7TLS	iamgadget1@yahoo.com
Vice President	Vince Jenkins	KC7IUU	vince.jenkins@meggitt.com
Secretary	Kim Jenkins		vince.jenkins@meggitt.com
Treasurer	Bill McLean	K7WWM	bmclean@gmail.com

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



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	Ray Tyrrell	N6MY	928.227.0349
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	Raymond Tyrrell	N6MY	n6my@gmail.com
Treasurer	David Hanson	W7BJ	602.615.3444
Secretary	Lori Cripps	WA7EDI	602.955.7517

Web Site: <http://www.mingusmountain.org> and <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 **LAST 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	Ford Willman	N5FW	520.568.6357
Vice President	Joshua Babb	W3JB	801.358.1078
Secretary	Bob Beltz	KU4ZG	770.680.1204
Treasurer	Steven Ruggles	KG7GYM	520.568.2023
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 3025, Arizona City AZ 85123

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 Haveron, KA7UND	jhaveronsr@cox.net
Vice President	Thomas Fike, KG7FXT	fike@me.com
Secretary	Verdamae Cutitta KF7UJB	623.872.3844
Treasurer	John Siepman N9NA	623.544.5295
Membership	Tom Connor W7TLC	w7tlc@arrl.net
Club Directors:	Bob Paul KG7FIL	623.252.0149
	Bob Fike W7AIE	602.999.6458
	Joe Cutitta W0SLI	623.215.2226
	Roger Thacker KD0MD	623.974.1516

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:	Brian Betz	W7JET
	Dale Schmidt	N7QJK
	Dan DeVliieger	KC7MSU
	J.D. Smaylis	KF7VOX
	Andy Keels	KD4ABB
	Charlie Brown	NJ7V
	Steve Gurley	KY7W

SuperstitionARC, P.O. Box 21522, Mesa, AZ 85277-1522. Web Site: SuperstitionARC.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 1343 Broadway in Tempe (SE corner of Broadway & Priest). 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	Paul Boyce	KJ7KY	
Vice President	Dave Hall	N7ZPY	
Secretary	Norm Johnson	AA7OO	480.278.2886
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, 1343 W. Broadway, Tempe, AZ, on the southeast corner of Priest and Broadway. 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, N7TUQ	n7tuq@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	Frank Bender, K8FB	president@w7yrc.org
Vice-President	John Stevens, N9JYO	vice_president@w7yrc.org
Secretary	Kathy Laing, KJ6KMK	secretary@w7yrc.org
Treasurer	David Hanson, W7BJ	treasurer@w7yrc.org
Past President	Don Bauer, WB7TPH	wb7tph@w7yrc.org
Board Members	Bill Noe, W7PVA	w7pva@w7yrc.org
	Chuck Zappala, KE7SA	ke7sa@w7yrc.org
	Randy Dashiell, W6TYV	w6tyv@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	Bob Molczan, KA7VPR	president@tucsonhamradio.org
Vice-President	Steve Wood, W1SR	vicepresident@tucsonhamradio.org
Secretary	Carl Foster, KB7AZ	secretary@tucsonhamradio.org
Treasurer	Hanna Eckert, KG7TPD	treasurer@tucsonhamradio.org
Board Members	Scott Boone, K7ADX	
	Lanny Voight, KF7LV	
	Ross Eckert, K4WBR	
	Fred Bresani, W2HZ	
	Bob Stephens, AF9W	

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/>.

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

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

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	Bob Burleson	KG7QJ	480.961.1109
Vice President	Jim Felkey	N7BBS	480.966.7084
Secretary	Josh Montano	WX7JM	602.570.6528
Treasurer	Karen McConaghy	NO7D	602.799.7338
Board Members:			
	Jean W4CIH	ADAW, Publicity	
	Steve WB4ZSC	Tech/IT, CARL/ASC interface	
	Fred K9TOS	Logbook/QLS	
	Mike KG7OSR	Scheduling/Membership	

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

For information: Email to carl@w7asc.org or call Bob Burleson, KG7QJ at 480.961.1109. 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	Rex Turvin	NR6M	turvin2009@yahoo.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.

ADAW



FROM THE EDITOR'S DESK

This edition of ADAW is jam-packed with interesting news and pictures from the ADAW clubs. There's very little space left over, so I'll be brief.

ADAW welcomes back the Central Arizona DX Association this month. CADXA first appeared in the August 1987 edition of ADAW, in the days when ADAW was sent exclusively through the post office. For nearly 13 years CADXA treated readers to the news and adventures of Dxers. Now they're back and we look forward to reading about all their activities.

The CARA Hamfest is set for May 7 this year. It's a great hamfest held outside of Sierra Vista. The weather is wonderful this time of year and the company at the event is exceptional. If you've never been, check it out.

That's all from me. Have a great month. Enjoy the weather. See ya next month!

73, Chris, N7PVL

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www.adaw.org



My Journey into Amateur Radio

by Roger Buel, W9NCQ

Did You Get In of the ACTION?

But first, we need to thank Steve for proving a lively description, complete with photos, of the National Park Service On The Air (NPOTA) activity at the ruins in Casa Grande. Forty inquisitive cherubs were introduced to Ham radio! If you missed Steve's article, pull up the April ADAW and read.

A note here about the physical plant at W7ASC: The roof has started to leak, never a good thing when the building houses lots of exhibits that use electricity. So it is time to fix that roof. But the W7ASC antenna farm is up there! How is that going to work?

Those antennas must come down. They have been up there for many years, exposed to the elements. Any of you who have worked on old antennas can anticipate what will be found. Corrosion. Fragile connections. Crumbly cables, both coax and control. Bearings that no longer resemble bearings. Then, once the roof has been repaired, will those antennas all go back in place, working as originally planned? NOT LIKELY. Will they need some new parts, or total replacement? What do YOU think? The W7ASC Tech committee will probably be faced with what will closely resemble a new station design, purchases and installation.

What we are leading up to here is that W7ASC may be off the air for a while, though work-around plans are being considered. Echo-link might help the station to fulfill its mission (providing visitors with Ham radio experience) at less than full strength. Please be patient.

But now we bring you the story of how one of the W7ASC longtime volunteers and board members, got started in Ham Radio. All of this in Roger's own words. Over to you, Roger W9NCQ !

ADAW

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*

My story began in 1945 when my oldest sister, a student at the Art Institute in Indianapolis, IN met and married a sailor on leave from his assignment on the USS Mt. McKinley, which was the Flagship of the Pacific Fleet. He was a Radioman, and he just so happened to be, W9GNS. I was 12 at that time. During a discussion about radio communication in the Navy and by amateur radio, my interest and curiosity in electronics and radio began to develop in earnest.

My father had been a collector of broadcast radios during his army career in WWI and he had acquired several early model broadcast receivers which were stored in the attic. Those radios were a great source of tubes, resistors, and capacitors to experiment much to the consternation of my father. Radios of that vintage would have been very valuable collectors' items had I not destroyed them through my ignorance.

I enjoyed High School Physics class and I got along well with the Physics teacher. During my junior and senior year, I was chosen to be the chief movie projectionist because of my interest in electricity and electronics. This was great as it got me out of my class whenever a film was to be shown to one of the other classes. I built a barn radio out of parts headed to the scrap pile for a 4H project. When I won a first prize for the project at the County Street Fair, I was sure electronics would be a part of my future.

After graduating in 1951, I set my sites on attending a University and studying engineering. I chose Agricultural Engineering as I wasn't sure I could handle the math required in Electrical Engineering. In the September of 1952 as I was preparing to return to the campus, I thought I was coming down with the flu, but it turned out to be polio. There was a polio epidemic in the United States in 1952. It was two years before the Salk vaccine was available.

Instead of going back to the university in September, I spent two months in hospitals in Fort Wayne, IN and in Dayton, OH. The Children's Hospital in Dayton had a rehab center specifically directed toward treating polio survivors. Polio was also known as Infantile Paralysis. To help the time pass more quickly at the Rehab Center, I studied the ARRL Novice manual and made plans to learn the code when I returned to my Indiana farm home. In November of 1952, while the FCC Field Engineer held examinations in Fort Wayne, I successfully passed the novice the code and written exam. In early December, I received the Novice license, WN9WEX.

I managed to gain enough strength by the middle of January to enroll for the spring semester at the University Extension in Ft. Wayne. I stayed in the YMCA which was just one block from the Extension building. While at the YMCA, I met George, W4SLG, who was attending Indiana Technical

Continued on Page 7

Continued from Page 6

Institute a few blocks away. When he learned that I had my Novice ticket, but hadn't made an on air contact, he loaned me his home-brew 6L6 transmitter. We attached a length of copper wire to the transmitter and dropped it out of the fifth floor window. George was my first amateur radio contact. We didn't set any long distance record as I was located on the 5th floor of the YMCA and George was located on the second floor on the opposite side of the building. I was thrilled beyond words. My first legitimate amateur radio contact was in the logbook.

The following summer, I acquired my first receiver made which was made from a military surplus radio purchased from the famed Fair Radio of Lima, Ohio. I found the plans for making a power supply and a beat frequency oscillator (BFO) in the Surplus Electronics issue of CQ Magazine. Those modifications allowed me to listen to code in the 80-meter Novice band. My first homemade transmitter was a 6V6 crystal oscillator. My first antenna was an 80-meter dipole with 75-ohm twin-lead strung out over the garden from my second floor bedroom. During subsequent summers, I upgraded the station with a National NC-57 receiver and a Lettine 240 transmitter. In those days, the Novice license was good for only one year as an incentive to upgrade to a higher class license within the year. I upgraded to Technician class in August 1953 to hold the call, now W9WEX. Unfortunately, I couldn't take advantage of the privileges as they were in the VHF and UHF bands. As a poor college student, I couldn't afford the equipment required to operate in those bands. The Technician license was valid for five years allowing me to concentrate on college studies and not worry about having to upgrade to General class.

There were two amateur radio clubs at the University. The largest one was an Amateur Radio Club with the call of W9YB, and the other was a small group of Air Force ROTC students manning the Air Force MARS radio station. I belonged to the MARS group for it was located a lot closer to my residence than the W9YB club. Being around the station while others were having fun operating the equipment spurred me on to upgrade to General as soon as possible. This I accomplished in June of 1954.

After graduating from the University, I moved to Akron, Ohio where I traded the 9 call in for K8MUW, one I wasn't fond of. I did, however, acquire a wife and three boys while in Akron working for The Firestone Tire and Rubber Co. In 1961, we moved to the Baltimore, MD area where I traded the 8 call in for K3QAK. I liked that call much better as it was more fun to send in CW. While in the Baltimore area, we were blessed with a baby girl who delighted us all and who still delights us today. Our family was now complete except for an occasional cat or dog.

We moved to Rochester, NY in 1966 and to Bakersfield, CA

Continued Next Column

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in 1968. I was so busy with my work in Bakersfield that I neglected amateur radio and let my license expire. We moved to Hazel Crest, IL, a south suburb of Chicago, in 1971. Amateur radio was to take a hiatus for a while. I took the Technician test in January of 1974 receiving the call W9NCQ. In October of 1977, I passed the General and Advanced license exams. I resolved to never let my license expire again as it was much tougher the second time around. Since it was possible to keep your call wherever you happen to live, I decided to keep my W9NCQ call in perpetuity.

We moved to San Jose, CA in 1978 and then to Phoenix, AZ in 2000. I decided to get that Extra Class license, which I had been putting off. In May of 2005, I upgraded to Extra Class. I plan to keep this call until they pull the plug on me for the last time.

My bio would not be complete without recognizing my mentor and friend (Larry) W9CHO. I would stop by his house after work several evenings during the week to watch Larry build a home-brew SSB transmitter in his back porch workshop. We drank pots of black coffee and munched on saltine crackers covered with bleu cheese. Larry helped me design and build an IF and audio section featuring a Twin Noise Squelch to interface with a Gonset Tri-Band Converter for use as a mobile receiver.

Almost everything I have learned about the technical side of ham radio I learned at Larry's workbench. Thanks, Larry, although your key is silent, my memory of you is still 599.

I retired in 2000 after having spent 43 years working in the manufacturing and engineering fields and I was privileged to have traveled frequently for my company to Europe and Asia. I now enjoy my hobbies of amateur radio and woodworking. My wife and I are active in our local church and I volunteer occasionally at the Center for Amateur Radio Learning (C.A.R.L.) Hamshack with the Club call, W7ASC. The shack is located on the third floor of the Arizona Science Center. You are invited to visit.

Roger

ADAW



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AARC Continued from Previous Column

The weatherman co-operated with us this year. It rained the day before and cloudbursts came on Sunday after the hamfest was done, but we had nothing but beautiful weather on Saturday. In the ARCA/AARC booth, the prize ticket sales went well, and by the 11:00 A.M., hamfest closing time, Mark, N7KKQ was announcing the prize winners, including a special prize for the youngest licensed ham in attendance.

Once again the ARCA/AARC combination was responsible for putting on a top notch hamfest at DeVry University. The night before the big event members from the two groups showed up en masse (that is together, as a group, as one, en bloc) and made a tough job look easy. Friday night about 6:00 P.M. the canopies went up, the tables and chairs came out, the camper was put in place near the coffee and doughnut sale area. The flags denoted the vendor area and the parking area. Signs were up. The job went well, and by 8:00 P.M. it was obvious that a hamfest was in the making.



Max KM4NMO, a happy 10-year-old general class ham radio operator, won a meter.



At a little before 5:00 A.M., the vendors, numbering about 50, started putting out their wares, and customers began opening up their wallets. The aroma of coffee and the sight of delicious donuts were also drawing the attention of the early bird shoppers.



Other prize winners were:

- Grand Prize – John Richey, KC3NH
- Second Prize – Pat Griffin, WA6SCW
- Third Prize – Dennis Harden, KFOLF
- Fourth Prize – Russel Gill, KG7MMD



We can't help but notice the spirit of co-operation among the volunteers who made this event run smoothly. It was obviously a joy for those who participated. There is a great comradery among those who enjoy ham radio, and a hamfest is certainly a pleasant way to introduce new hams to the hobby. Hopefully you will join us again in 2017 at the next ARCA/AARC hamfest.

Continued Next Column





TBARC Continued from Previous Column

to Flagstaff and you'll be there around 11:30. That will give you plenty of time to operate (and have fun) all day long with breaks for lunch and dinner, then head back Saturday night. Bring your kids, significant other, or anyone else who might be interested in ham radio. You'll find out what Field Day is all about - and learn why people keep coming back. Mark your calendar now and plan to be there - we look forward to seeing you!

On to other topics. If you were at last month's general meeting, you definitely heard the big news! TBARC has purchased a new sound system, which is making presenters sound much more clear. The general membership approved the expense and it debuted in March. A pair of good sized speakers made for better acoustics for those in the back of the room. It didn't hurt at the front of the room either!

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 May the program is AllStar VHF/UHF Link Network with Wayne Hale W6IZK. Wayne was one of our featured presenters at the hamfest in January, and is going to expand on his topic there with even more information. Find out about this open source alternative to Echolink or IRLP - and maybe even learn how you can set up your own node. See you there!

Andrew Cornwall KF7CCC
kf7ccc@arrl.net

ADAW

For Sale

Partly Restored Vintage Tube-type Transmitter: 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. \$585.00 for package. Contact: Ray, W7GNE @ 480-540-4629.

The West Valley Amateur Radio Club has radios and ALL kinds of supplies available for sale through the club. Request a listing from Ted by sending an email to kb5of@cox.net. We get some old equipment that won't sell that will be added to the items for free. Contact: Ted Walker, KB5OF at kb5of@cox.net.

Have you been wondering about ham radio digital modes? Israel Vicente AD7ND is starting to pull things together for a two-day class (well, two 3-hour sessions) on digital modes sometime this summer. Day one will introduce you to theory and software, while day two will involve configuring things yourself and transmitting digital signals to others. If that interests you, keep an eye on the website for more details as they become available.

Speaking of summer, Field Day is coming up. If you've been to one, you know what it's about - and are probably planning what you'll bring and the new equipment you're going to try. But if you're a new ham - what is Field Day? And why does everyone get so excited?

The short answer is that Field Day is a radio event held on the fourth full weekend in June. Ham radio operators try to contact as many other ham radio operators as they can from 1800 UTC (11:00 a.m. local time) on Saturday, June 25 through 2100 UTC (2:00 p.m. local time) on Sunday, June 26. The goal is to take radios into the field and operate them as you might do in an emergency.

That's the short answer, but it doesn't really say what happens. At TBARC's Field Day, we head up to Flagstaff where former club president Jack Lunsford KD7RCJ has a home. We set up four or five antennas, and operate radios on four or five different bands. We also eat (very well!) and have a lot of fun.

If you've got a tech license, Field Day is a great way to find out if you're interested in HF. We'll have lots of radios on different bands that you can operate. (Even if you don't have a license, there will be a way for you to get on the air!) You'll be transmitting the club callsign, a section (our section is AZ) and a class (last year we were 4E). You won't hear much ragchewing - most exchanges are short so everyone can put you in the log, then move on to the next station. But there will be plenty of people who want to contact you! It goes on all night, with different operators moving in and out of the chair so everyone gets a chance.

A lot of us go up on Friday (and some intrepid ones even head up Thursday) to set up antennas and generally get things ready. But if you haven't been before, I'd recommend a day trip on Saturday - start off around 9:00 a.m. Saturday morning, drive

Continued Next Column



So what should a ham club meeting consist of? There are probably as many answers as there are clubs, all of them somewhat different. However, to have a successful, worthwhile ham club meeting, there are some common elements.

Agenda. A quote from George Harrison's song "Any Road," "If you don't know where you're going, any path will get you there." This applies to meetings as well as life's travels. A meeting without a set agenda can drudge on forever, often getting stuck on a single item. This not only takes up the meeting time, but it makes for a boring experience for many of the attendees. Have an agenda. Have the person chairing the meeting stick to that agenda and use some formal protocol, i.e., Roberts Rules of Order, to keep crosstalk down. This will move the meeting along and keep the discussion relevant.

Social Interaction. This is important. Even though hams meet on the air, meeting in person helps set up the bonding that makes a club thrive. Putting a face to a call sign makes on-the-air contacts personal and meaningful. Because the meeting agenda is structured, there should be time for social interaction before and after the formal meeting where individuals can brag about their DXCC status, or compare notes their newly acquired hamfest treasure without tying up the meeting.

Elmering. Have a time set aside for new hams to ask questions and get answers. This will encourage new hams to attend meetings and give them something meaningful from their attendance. It's also a good time for them to connect with one or two old timers who can "Elmer" them through the art and science of amateur radio.

Presentations. It's one thing to listen to the minutes of the last meeting or the treasurer's report, and maybe a lively discussion on what to charge tailgaters at the next hamfest, but if someone is going to spend their time at a meeting, there should be something that they can take away which will make the time they spent worthwhile. Our club has had PowerPoint presentations on APRS, Software Defined Radio, repeater operation, and how to program a hand-held transceiver.

Presentations should be around a half hour to forty-five minutes. You would be surprised how many members in your club have a particular skill or knowledge that they can pass on to other hams. You can also invite presenters from other clubs or the ones you see giving seminars at hamfests. You will be pleasantly surprised to see how a meaningful presentation will

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Amateur Radio Development Group

No news this month.

The Amateur Radio Development Group at Phoenix Country Day School is looking for donations for their club ham shack. If you can help, please contact one of the club officers listed on page 3. Thanks for your help.



MEMORIAL DAY
May 30th

MARA Continued from Previous Column

increase your attendance.

Our club just purchased a computer projector and screen so that we can have PowerPoint presentations at our meetings.

Recognition. Someone out there just got a DXCC or WAS. They may have been one of the fortunate few to work Heard Island. Maybe they passed their General or their Extra. Whatever the case, recognizing them at a meeting is a great way to stimulate interest and recognize achievement within your club.

For example, when I announced to my XYL that I worked FT4JA, Juan De Nova, Europa, on 20-meter CW with 25 watts, her eyes glazed over and she responded with, "That's nice. Did you remember to take out the trash?" That same announcement at a ham club meeting would have elevated me to near godlike status.

73,
Steve

ADAW



Continued from Previous Column

away from the heat. We should have more information available at the May meeting of the club.

Get Ready for Superstition SuperFest 2016

Superstition SuperFest 2016 at Mesa Community College, 1833 W. Southern Ave, Mesa, Az. 85202, 7:00 A.M. - 2:00 P.M. See more information on the club site.

By Larry Kuck, WB7C

Superstition ARC Annual Club Picnic Saturday, April 30

The location for the annual club picnic will be at Red Mountain Park, located at 7745 E. Brown Rd., in Mesa, from 11:00 a.m. to 2:00 p.m.. We will be reserving the Roadrunner Ramada and the cost will be \$5.00 per person to help cover the cost of the ramada and the burgers and hot dogs. Please bring a dish to share with others and something to drink.



Tickets will be made available at the picnic for the “Shack-in-a-Box” Yaesu FT-991, which is being raffled off to raise funds for repeater equipment. Please see the club site for details.

The Mesh Continues to Grow

Operating now on 2397 MHz, the Broadband-Hamnet mesh now extends to Scottsdale with John, WX4LTG and Steve, KB7KWK making a 15-mile link stretch back to east Mesa. There are four others of us on the mesh, more on their way.

Propagation sure can do a number on us when it gets hot. The guys running AirGrid routers with their 24 dBi parabolic antennas and more than half a watt fare a bit better than those of us using omnidirectional antennas.

We now have a chat room, email, telephone service, a website and a webcam on the mesh, with an FTP server in the works. We have been able to reprogram a Linksys router to serve as a switch, expanding the number of LAN ports available for other equipment, and for indoor use of Linksys wireless connections from room-to-room on WiFi channels 1 through 6.

We moved the long-haul links out of the home network noise and saw an immediate boost in coverage. We also do not want to run long-haul links in competition with amateur television signals in the WiFi range of channels 1 through 6.

ARRL Field Day Fourth Weekend of June

The club is in process of looking for a new Field Day site. We will be on the air on the fourth weekend of June some place

Continued Next Column



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 and Carries all Nets (except 10-Meters)

Club Nets

Morning Drive Time Net: Mon-Fri, 7:00-8:00 AM - Trivia
Club Business Net: Wednesdays, 8:00 PM - Featuring Club News, Elmer Q&A and AR Newline.
East Valley Swap Net: Thursdays, 7:30 PM
National History Net: Thursdays at 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. Send email to: membership@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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Flight Pictures Taken from the Balloon

Arizona Near Space Research is having a busy month. On April 2nd, we launched two balloons for the University of Arizona Agricultural Station near Maricopa, AZ for the ASCEND! program. Over 100 college students from 10 different colleges across the state flew payloads/experiments on these flights. These balloons both landed near Sacaton. After successful recoveries, everyone whose experiments activated properly reported good data returned. Overall a very successful two flights. Beacons on these flights KA7NSR-6,-7,-8, and -9. For those that want to, check aprs.fi for the tracks for these flights

On April 12th, some of our members assisted Emory Riddle Aeronautical University with a launch from Prescott and a landing near Cordes Junction. Another successful flight with good data returned for the students. KA7NSR-15 was the beacon for this flight.

On April 19th, some of us will be traveling to northeastern Arizona and doing a balloon launch for the students Diné College in Tsaile, AZ. Flight report will be in next month's newsletter.

On May 14th, another launch from the University of Arizona Agricultural Station will happen. This launch is for the College of Engineering at ASU, and will have one of the largest single payloads we have flown to date. Tentative weight is planned to be 12.5 pounds.

If you like tracking things with APRS, or helping college students with experiments, think about coming out to join us on May 14th or check out our website at www.ansr.org.

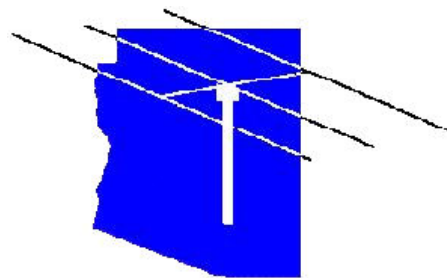
Bill McLean, K7WWM
ANSR Treasurer

ADAW



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MARCA INC.

This May edition of ADAW is due and there isn't much activity to report. Field Day 2016 is starting to occupy our thoughts. May will be about reviewing, planning, and preparing. May & June is also time to hone those operating skills, like CW and phone. Digital modes are not necessarily the fastest point tallier, but it can be competitive with practice and the right softwares.

As of April 11th, all MARCA repeaters are operational. See <http://www.w7mot.org/index.php/repeaters/repeater-map>. If you experience a problem with any of MARCA's W7MOT repeater, please let us know by using a simple quick report at <http://www.w7mot.org/index.php/repeaters/report-a-repeater-problem>.

W7MOT-37, 443.150 Mhz, Fusion is on the air working both digital & analog (Listed on MARCA website Repeater Map under Scottsdale GD - General Dynamics Scottsdale at Hayden & McDowell).

SDR radio has captured the interests of our members. Presentations can be downloaded from our website Library. This issue, there hasn't been anything much written, just a lot of playing. Scott Cowling, WA2DFI, has done a series of SDR introductory articles as well as beginning FPGA programming articles in QEX, excellent for those looking to improve their computer and programming skills. And all the software needed is free.

MARCA has several APRS and digi-peaters on several mountain tops across central Arizona, W7MOT-8 on Mt. Elden, W7MOT-10 & 11 on Mt Ord, and W7MOT-3 & 4 on White Tank. The W7MOT A, B, & C Dstar repeaters on White Tank also do APRS. Why mention APRS? APRS is alive and well. It's not new and fancy like Fusion, Moto-Turbo, or D-Star, but is just as complex in features it embraces and application from Public Service to Ballooning to Voice Repeater Coordination.

Our MARCA website is www.w7mot.org.

Norm Johnson, aa7oo
Secretary MARCA

ADAW

Some of the Packages Students Used for Their Experiments on the April 2nd Flight.

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.

May Test Sessions

May 2nd - AARC & WVARC -- 8:00 PM

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

May 5th - CARBA -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus Blvd, Tucson
Contact - Matthew Grossman 520.750.7189
Pre-Reg by email preferred

May 7th - ORO Valley ARC -- 10:30 AM

Oro Valley Police Sub-Station, Walmart Shopping Ctr, Oro Valley
Contact - James Garrity licensing@tucsonhamradio.com

May 7th - DeVry ARC & WVARC -- 9:00 AM

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

May 9th - Radio Society of Tucson -- 7:00 PM

Pima Emergency Communications Operations Ctr
3434 E 22nd St, Tucson
Contact - Diane Zimmerman 520.219.0452

May 11th - Central Phoenix VE Team -- 6:30 PM

South Mountain Community College, 7050 S 24th St, Phoenix
Contact - Bill Martin 480.205.3625
No Walk-Ins - Limited Space - Please contact prior to exam.

May 14th - Yavapai ARC -- 9:00 AM

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

May 16th - East Valley VE Team -- 6:00 PM

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

May 18th - 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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No Report Received

ADAW

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markk.tec-paq.com

Test Sessions Continued from Previous Column

May 21st - W7GAA -- 10:00 AM

Suddenlink Community Ctr, 2380 3rd St, Bullhead City
Contact - Keith Bruecker 928.719.8433

May 21st - Central Phoenix VE Team -- 9:00 AM

Gilbert Farmers Market, 222 N Ash Dr, Gilbert
Contact - Bill Martin 480.205.3625
No Walk-Ins - Call Ahead for important details/instructions

May 21st - Unsponsored -- 10:00 AM

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

May 24th - Prescott Valley Ham Club -- 6:30 PM

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

May 28th - Arizona ARC -- 7:00 PM

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



SARC Continued from Previous Column

Dreux Jacques, W7EMU and Kelly Law, KF7ZVL. The web site will have a lot of up-to-date information regarding club activities and programs for the club meetings. Check it out. www.scottsdalearc.org

Many of us old timers in the club will remember Dan Smith, WB7UKR. He passed away in January at the age of 92. He was a club member and an avid RVer. He and his wife would load up the motor home in April and hit the road until November. Although, I have not seen him for some time, I feel bad that I've missed his passing. He was a very good gentleman.

We have a 2-meter/70-cm net every Tuesday evening at 7:00 P.M. The frequencies are 147.18 MHz with a tone of 162.2 and 440.00 MHz with a tone of 100. We get on to exercise our radios and exchange some ideas. So charge up your batteries and join us. We will be glad to hear you.

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

73,
 Ed Nickerson, WU7S
enickerson427@aol.com



For those of you that missed the April club meeting, you missed a great program by Larry Foster KC0JON. Every year Larry travels to Honduras at his own expense to provide communications for a large group of physicians. They go into the remote areas of the country to provide much needed medical and dental service to the people. Larry provides communications between medical stations and back to the states. He had a video of his experience and a super monologue to go with it. When he has problems with his equipment, he always finds a way to stay on the air. He is a true HAM. Great program Larry!

The Spring Fest was a success. The weather was perfect for the event and the crowd really enjoyed the morning. The programs that were held in the church auditorium were well attended and very good. All of the vendors seemed to be happy they had sold so much stuff. Kudos to Jerry Jacques, KE7GYM, hamfest chairman, James Wasson, N7ELL, President, Alan Jensen, KD7FSD, Treasurer, Paul Jorgenson, KE7HR and all of the club members that helped make this the best ever hamfest. Jerry worked very hard to combine the talents of so many people to make the event a success. Outstanding!

At the club meeting, Charlie Brown, NJ7V, our Activities Chairman, announced a number of upcoming events for the membership. There will be a breakfast at 8:00 A.M. on Saturday mornings at the Denny's Restaurant on Indian Bend Road at the Pavilions. So, if you are in town and up early on Saturday mornings, swing by and have a doughnut with us. On May 21, 2016, he is proposing a club picnic/potluck event for everyone. He is working on a good location in the valley for this.

Charlie also has some fine ideas for Field Day. He asked the membership at the February club meeting whether they preferred an in-town or out-of-town location for the event. The membership was evenly split on this. The past few years we have held the event in town at a club member's air-conditioned ham shack. Not bad. He is proposing this year we go up to the pine forests at the Rim for the event. In years past, the club went North of Strawberry for the event. But, because of drought conditions the Forest Service began to close the National Forests. That led to utilizing privately held property for the event. Eventually, we ended up in town. I believe it is worth a try to go to the Rim this year. But we can have a backup location in town in the event of a closure. In the future we will alternate between in-town and out-of-town locations for the event. And he is always open to suggestions.

The club web site has been enhanced thanks to the work of

Continued Next Column

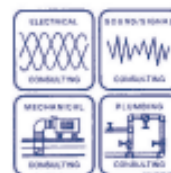
SARC CONSTANTS:

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 Gerald Jacques, W7EMU at 480.239.8679. Please send address change requests to Gerald no later than the 7th of the month in which you would like the change to occur.



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 (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.



ARA Continued from Previous Column



Yuma Hamfest

I question my sanity when I set the alarm earlier on a Saturday than I do during the normal Monday through Friday grind. I've done that several times in the last few months to attend hamfests in Arizona. Do I really enjoy ham radio this much? What makes it worth it?

The ARA doesn't host their own hamfest, but relies on those of the other clubs. I enjoy being able to talk to fellow hams. There is opportunity to chat with old and new friends, educate those who are new to the hobby, and talk about the ARA repeaters with everyone. We roll out the repeater maps, set out piles of handouts, recruit members, and sell a few jackets and shirts.

or ARCA meeting to attend as well. These are great places to hear feedback on what other clubs are doing or what's going on with amateur radio outside of Arizona.

Then, there's the gambling side of hamfests. Entry tickets, hourly drawings, door prizes, and grand prize drawings are various raffle styles used. My tickets have yet to be drawn for something big like a radio, but I haven't whiffed at every raffle. Knock on wood, but I have a killer win streak going at the Thunderbird hamfest.



Scottsdale Hamfest

There's getting there early, because the early bird gets the worm. That's right, sleeping in on the weekend is interrupted because there are deals to be had. Tailgaters are there selling and trying to clean out equipment that a wife threatened not to come back home with. Buyers get there early as shopping by flashlight is a great way to find a deal on that radio or part you needed. Commercial vendors have supplies such as batteries, cable, LED's, and connectors that one can stock up on.

Another draw for me are those venues that offer camping. I'm not the biggest fan of Yuma itself, but the hamfest at the fairgrounds each year is a wonderful excuse to get out and urban camp for a 3-day weekend. The hamfest in Williams provides the same thing and gets us away from the brutal Phoenix heat. I'm able to bring the family along on these weekends to experience the fun with me.

There's the opportunity to learn. Sitting in a seminar or two is a great way of learning something new about the hobby. I often look at the presentation schedule and wish I had the ability to attend them all. Many times there's an ARRL forum



April Hamfest at DeVry

Everything mentioned so far combines into the social aspect of hamfests. We talk to each other frequently on the radio and here's the chance to meet in person. Afterwards, grabbing lunch at a nearby restaurant with a group before heading home. At Yuma, several of us kicked back in our camp chairs, enjoying the outdoor weather on Saturday evening.

I am not able to attend every hamfest, but I wish I could. Arizona has many great hamfests each year. I wish to thank those clubs and people for doing so. You certainly add to my enjoyment of the hobby.

PS: I've also been using a Chinese GoPro knock off to record time lapse of several hamfests. I've uploaded those to YouTube at this link. <https://www.youtube.com/playlist?list=PLUM5eKr21FLpLzLMEt8tDYonFU7YzJDYt>

Continued Next Column

Virgil K7VZ
ARA President



Greetings from the Central Arizona DX Association (CADXA). For those of you who are not members of our club, we want you to know that we are happy to be back in ADAW after an extended absence. CADXA is 42 years old this year and has about 130 members, including several who live outside Arizona. We are a specialty club with a focus on DX – communication with foreign countries and other entities around the globe.

Many of our members have been “chasing” DX for years and work on confirming their contacts either by collecting physical QSL cards or electronically using the ARRL’s Logbook of the World (LOTW) – a massive database used by thousands of hams internationally. Our achievements are measured by the number of countries we have confirmed on the ARRL’s DX Century Club (DXCC) List and ultimately reaching “Honor Roll” status with at least 330 of the 339 countries and entities confirmed. We have both members just starting out and others who have worked them all.

Our club and club meetings are open to all hams. If you are the least bit curious about the club or see an interesting presentation, please come by and attend a meeting. “Try us, you’ll like us!” Our meeting presentations vary, but the majority are picture shows about trips our members have taken to other countries, either on vacation or for a planned “DXpedition” to places that have little or no regular ham radio activity. One of our members, Ned Stearns, AA7A, just returned from a four-week DXpedition to two of the most wanted entities on the DXCC List – South Sandwich and South Georgia Islands near Antarctica.



He will be telling us about his once-in-a-lifetime adventure at our May meeting, which is also the club’s annual outdoor

barbecue (see below for more details).

Being a DXer, you pick up a lot of knowledge about radio propagation – how signals get from point A to point B – as well as what it takes in both radios and antennas to transmit and receive those signals. You don’t have to be an engineer to understand many of these things. We pay attention to the 11-year sunspot cycle, current solar conditions, frequency band, season of the year, and time of day to help determine when it may best to listen for stations in particular countries. Of course the ionosphere is not totally predictable, so listening to the radio is sometimes better than all the science. We also take advantage of technology in ways that have transformed DXing in recent years. For example, “spotting networks” like DX Summit allow people to “spot” a DX station by callsign and frequency so other hams can try to make contact with that station.

The best part of being a DXer is making friends around the world. In our own way, we can be ambassadors of peace and understanding by speaking the common language of ham radio.



The next CADXA meeting is the annual barbecue on Thursday, May 5, 2016 at 6:00 p.m. at the PERA Club, 1 E. Continental Drive, Tempe (for a map see www.cadxa.org/meetings.html). The cost is \$10 per person, payable on the night of the event. Reservations are required. The food will be catered by Town Talk II. If you want to attend, send an email reservation to the CADXA Treasurer, Alton Chaney, W7ACX, at W7ACX.480@gmail.com. Seating space is limited and club members have priority.

73,
Lee, KY7M
CADXA President





**CHAPTER 16
BARRY M. GOLDWATER ARIZONA CHAPTER**

QCWA Chapter 16 welcomes 3 new members: Vince Baker K4HHX, Carl Foster KB7AZ and Mike Perrett K7HIL.

We had our March meeting at Casa Del Rio restaurant in Tucson. It was well received with 24 attending. Most folks had just visited the Tucson Hamfest just up the road and came over for a good meal and speaker. ARRL Section Manager Robert Spencer KE8DM presented our president Tom Fagan K7DF with the ARRL Amateur Radio Service to Scouting Award. Tom has been very involved with Scouting and Amateur Radio.



The program was Yagi-Uda (Beam) Antenna by Gary Thiele KD8ZWS. His talk went over the history of the antenna, presented a few personal notes of his, and concluded with a technical explanation of such things as why only one reflector element, limit on the number of directors, why the narrow bandwidth, etc. No equations were used for this tutorial talk much to the dismay of the audience. Gary is a co-author of "Antenna Theory and Design," John Wiley & Sons, 1981, 1998, 2013. The talk was well received and the presentation should be on the webpage shortly. More photos can be found on our webpage and facebook page.

Next Meeting will be in June or July in Prescott AZ.

Tom K7DF
Chapter 16 President
AZQCWA.org

Continued Next Column



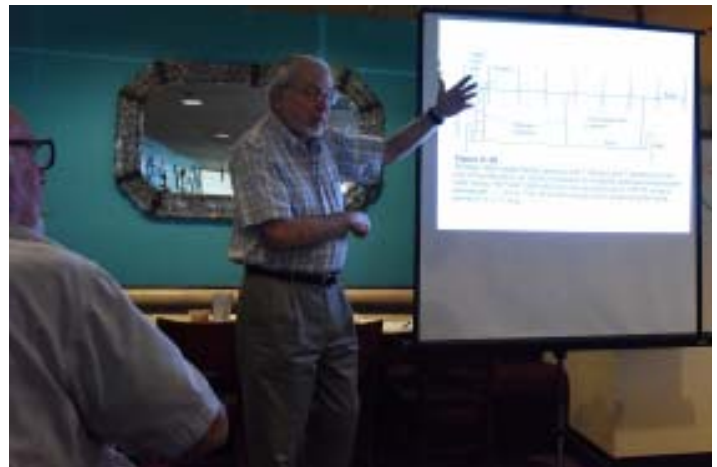
No Report Received



QCWA Continued from Previous Column



March meeting was well attended.



Gary Thiele, KD8ZWS gives presentation on the Yagi-Uda Antenna

Hamfest Calendar

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

4 June 2016 - **White Mountain Hamfest** - hosted by the Kachina Amateur Radio Club will be held in the Show Low City Hall parking lot, 180 N 9th Street in Show Low. Hours are 6:00 AM to Noon. Overnight RV camping permitted after 5:30 PM Friday. Tailgaters \$5.00 per space. VE testing at 9:00 AM. Prizes. Refreshments Available. Contact K-K at 480.586.6303 (email:kb9si@yahoo.com) for more information.

10-11 June 2016 - **Prescott Hamfest** - hosted by the Eagle Amateur Radio Club and the Yavapai Amateur Radio Club will be held on the campus of Embry Riddle Aeronautical University, 3700 Willow Creek Road in Prescott. General Admission \$5.00 for both days. ERAU Students with ID, Commercial Vendors and Information Booth/Tables Free Admission. Tailgate Swap \$10.00 per space for both days. Consignment Sales, Transmitter Hunt, Seminars and more. VE Testing and DXCC Card Checking will be available. Food Trucks will be on grounds. Sorry, NO RV Camping on Campus. Visit the web site at <http://www.w7yrc.org/prescott-hamfest> for details. Contact Chuck Zappalo, KE7SA at czappala@cableone.net or Bill Noe, W7PVA at w7pva@arrl.net for more information

22 - 24 July 2016 - **ARCA/Williams Hamfest** - hosted by the Amateur Radio Council of Arizona will be held at the Williams Rodeo Grounds, Rodeo Road in Williams. Hamfest hours are Dawn to Dusk Friday and Saturday. Trip to the Grand Canyon aboard the Grand Canyon Railroad on Sunday, 24 July. Hospitality Suite on Friday - Barbecue Dinner at Railside RV Ranch on Saturday. Breakfast and Lunch served by the Kiwanis Club of Williams on Friday and Saturday. Prizes, VE Testing, Seminars and more. For complete up-to-date information, visit the ARCA Website at www.arca-az.org and click on the "ARCA/Williams Hamfest" link at the left of the screen.

21 - 22 October 2016 - **2016 Arizona State Convention/CopaFest 2016** - hosted by the Maricopa Amateur Radio Association will be held at the Ultra Star Center at Harrah's Ak-Chin Casino, 16000 Maricopa Road in Maricopa. Talk-In: 449.125- (PI 136.5) & 145.210- (PI 162.2). Contact Bob Howard at 520.222.7311 or email to w8rh@live.com for more information.

Continued Next Column

Public Service Calendar

Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Barnburner Mtn Bike Race	Kendrick Peak	09/10/16
Fiesta Bowl Half Marathon	Scottsdale Civic Center	12/11/16
Prickly Pedal	White Tanks - Lake Pleasant - Spur Cross	01/21-22/17 TBD
Runner's Den Pancake Run	EPhoenix Paradise Valley Mall	02/05/17

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.

Yavapai Amateur Radio Club Events

EVENT	LOCATION	DATE
Chino Grinder	Chino Valley	05/07/16
Whiskey Row Marathon	Prescott	05/14/16
Mountain Mayhem	Prescott - Tentative Date	05/21/16

To Sign Up for a Yavapai ARC Public Service Event, visit YARC website at www.w7yrc.org, click on ARES/RACES, click on Calendar, and fill out application for the event you want. Contact Patti, KD7VBG at meetings for more information.



Hamfest Calendar Continued from Previous Column

5 November 2016 - **Cochise Fall Swapmeet & Communications Exercise** - hosted by the Cochise Amateur Radio Association will be held at the Green Acres club facility located at 2756 S Moson Rd in Sierra Vista. Date to be confirmed. Contact Lee Ilse, KD7OED at kd7oed@arrl.net for more information.

12 November 2016 - **Oro Valley ARC Hamfest** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11279 W Grier Road in Marana. Talk-In: 146.620(-), 444.100(+), and 147.32(+)- all PI 156.7. Contact Steve Wood, W1SR at 520.906.1204 or email to nauset2222@yahoo.com for more information.



Emergency Communications Since 1961

SHORT SKIP

Net Under the Stars

Thursday, April 7, 2016, we had a ham radio call-in net with an evening under the star's event (actually under the overcast skies). It still was a nice evening out in the desert 3¾ miles NNW of Del Webb Hospital. We had a fire going and the guys cooked hot dogs. The wind came up around 7:30 p.m. I left shortly after that. Alex, K7AEM camped out under the open sky. Mike, K7MJC was in his pickup truck with camper shell. Later on, it started to rain and the wind was blowing. I believe Alex was a little wet, hi hi. Mike, K7MJC said it was very noisy in the truck and camper shell. All in all everyone had a great time



Back row: Harry AF7UT, Mike KI7MCM, Mike K7MJC, Jim WA8OSS, Bob1 WA6MIO, Front row: Ray W0IVB, Dave WA0ZVM, Ralph W9ADW

by Bob KG7FIL

Test Sessions Report

West Valley ARC License Exams

Test sessions are held on the first Monday of each month, after the club's monthly meeting from 8:00 p.m to 9:15 p.m. at St. Clements' Church Social Hall located at 15800 N. Del Webb Blvd. in Sun City. Walk-ins are always welcome.

Please bring photo identification, \$15.00 test fee in exact change, original and copies of any current license, any Certificates of Successful Completion of Examination (CSCE) you might have, and a pen and pencil.

For more information, please call Joe Cutitta W0SLI at 623.337.0040 or 623.215.2226.

Three candidates were examined at the April 4th session with one Technician Class, one General Class and one Extra Class license being earned.

DeVry University Test Sessions

The next exam session is Saturday, May 7, 2016. Exams start at 9:00 AM and all tests must be concluded by 11:00 AM. Check in at the library, second floor, southeast corner. Bring photo ID, original and photocopy of you Amateur License (if you have one) and any CSCEs, a pen and a pencil. Exam fee is \$15 - exact fee, examiners cannot make change. An additional fee applies for a retest of any element and is at the option of the VE's.

Seven candidates were examined at the April 9th session at DeVry with two Technician Class, three General Class, and one Extra Class license being earned.

Administering VEs were:

David Morrill N7TWT Liaison, Bill Martin AI0D, Daniel Ford K2LH, Robert Miner KA7NPQ, Jim Skinnell K7EOG, Harry Scholz AF7UT, Josh Montano WX7JM, Michael Richards KI7S, Steve Gurley KY7W, Steven Atterberg K9UL, Michael Miner KA7RGW, and Michael Zachary KG7OSR.

ADAW

Summer Field Day

Anyone interested in participating in Field Day? Field Day always takes place on the fourth full weekend of June. Operating begins at 1800 UTC Saturday and runs through 2059 UTC Sunday. Field Day 2016 is June 25-26. Any Amateur Radio band may be used except 12, 17, 30, and 60 Meters.

All entries must be postmarked, emailed or submitted by Tuesday, July 26, 2016. Late entries cannot be accepted.

Please email Ray W0IVB at ray42day@aol.com if you are interested. The winter FD committee thought rather than wimp out and head for the hills, we would rough it out here in valley.



Old Pueblo Radio Club INTERMOD

President's Column

YARC is an ARRL Special Service Club, and part of our community service activities include member participation in support of area events. The Whiskey Row Marathon is held in May, and YARC provides communication support. Other service is offered through participation in ARES/RACES.

YARC has begun a series of licensing classes for people interested in Ham radio. Currently, we are conducting a General Class license study, and following that a Technician class.

The year 2016 marks Yavapai Amateur Radio Club's 25th Anniversary. Come join us for one of our monthly club meetings. Upcoming meeting night programs include: Transmitter Hunting (May), "Journey to the Edge" the VP8 DXpedition (June) and "Fun of CW Operating" (August).

YARC and the Eagle Amateur Radio Club of Embry-Riddle Aeronautical University will host the Prescott Hamfest 2016. The event will be on the campus of ERAU in Prescott, AZ. We look forward to seeing you on Friday afternoon and all day Saturday, June 10 and 11, 2016. General admission to the hamfest is only \$5.00. Non-commercial tailgate spaces are only \$10. The hamfest will include seminars for beginners, intermediate and advanced attendees. There will be an antenna contest, transmitter (fox) hunt, DXCC card checking, license exams, prizes, and much more.

On Wednesday, 13 April 2016, the Old Pueblo Radio Club held its regular meeting. It was decided that officers will remain the same for 2016.

The 146.82 MHz repeater was discussed. Its height and location North East of "A" Mountain has made it popular for use in support of pedestrian and bicycle events in the area from downtown Tucson into the Tucson Mountains. The OPRC is happy to continue to provide communication support to these worthwhile events.

Several incidents were discussed concerning the safety benefits of using radio instead of cell phones to coordinate events, amateur or otherwise, which involve a substantial number of people.

The OPRC will hold its next meeting at its usual location 11 May 2016. The club will take its traditional summer recess during June, July and August, and will resume meeting in September.

We wish all a great summer.

73 de
Ron Kalish, N7SPW
President, OPRC

ADAW

ADAW

Want Ads

WANTED:

I am looking to purchase a (WT3) Programmed 33cm (927 MHz) Radio. If you have one to sell, please contact:

Larry Stafford, N7WBU
3527 S Chesin Drive
Tucson, AZ 85730-2319
email: TFDFF@cox.net

HAVE TRAILER WILL TRAVEL

Do you need a tower, large antenna, etc. transported?

Contact Marty - WB7X@cox.net

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

HAM RADIO OUTLET

14 STORE BUYING POWER!



FTDX5000MP Limited | 200W HF + 6M Transceiver

- Internal Power Supply • Two Totally Independent Receivers • Super Sharp "Roofing" Filters • High Performance Yaesu Custom-designed 32-bit Floating Point DSP • True Analog Meter Precision



FT-450D | 100W HF + 6M Transceiver

- 100W HF/6M • Auto tuner built-in • DSP built-in • 500 memories • DNR, IF Notch, IF Shift **Call For Pricing!**



FTM-400DR | 2M/440 Mobile

- Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band



FTDX3000 | 100W HF + 6M Transceiver

- 100 Watt HF/6 Meters • Large and wide color LCD display • High Speed Spectrum Scope built-in • 32 bit high speed DSP /Down Conversion 1st IF **Call For Low Pricing!**



FT-857D | Ultra Compact HF/VHF/UHF

- 100w HF/6M, 50W 2M, 20W UHF • DSP included • 32 color display • 200 memo • Detachable front panel (YSK-857 required) **Call For Our Low Price!**



FT1DR | 144/430 5W Digital Transceiver

- C4FM/FDMA • 1200/9600bps AX.25 APRS & GPS Recvr Built-in • Dual Band Operation w/Dual Receivers (V-V/U-V/V-U) • Wideband Receiver/AM Bar Antenna/Aircraft Receive • 1266 Memory Channels w/16 Char Alpha Tagging **Also Available in Silver!**



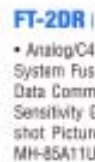
FT-991 | HF/50MHz/2M/440 Transceiver

- 160 M-440MHz - 55B/CW/FM/C4FM Digital/AM/RTTY/PSK • 100 W (2M/4440: 50 Watts) • 3.5" TFT full-color touch panel operation • High speed spectrum scope • Roofing filters: 3kHz & 15kHz • 32-bit high speed floating point IF DSP • 160-6 meter high speed automatic antenna tuner



FT-2900R | Heavy-Duty 75W 2M FM Transceiver

- Massive heatsink guarantees 75 watts of solid RF power • Loud 3 watts of audio output for noisy environments • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FT-2DR | C4FM/FM 144/430 MHz Transceiver

- Analog/C4FM Dual Monitor (V-V/U-U/V-U) • System Fusion compatible • 1200/9600 APRS Data Communications • Integrated 66ch High Sensitivity GPS • Wide Band Receiver • Snapshot Picture Taking Capability With Optional MH-85A11U



VX-8DR | 50/144/220/440

- 50/144/220/440 • 5W (1W 222 MHz) • Bluetooth optional • Waterproof/ submersible (3' for 30 min) • GPS APRS operation optional • Li-Ion Hi-capacity battery • Wide band Rx



FTDX1200 | 100W HF + 6M Transceiver

- Triple Conversion Receiver With 32-bit Floating Point DSP • 40 MHz 1st IF with selectable 3 kHz, 6kHz & 15 kHz Roofing Filters • Optional FFT-1 Supports AF-FFT Scope, RTTY/PSK31 Encode/Decode, CW Decode/Auto Zero-In • Full Color 4.3" TFT Display



FTM-100DR | C4FM FDMA/FM 144/430 MHz Transceiver

- Power Packed System Fusion Transceiver • High Audio Output Power • Rugged Powerful Transmitter • Integrated 66ch High Sensitivity GPS • 1200/9600 APRS Data Communications • Voice Guide and Recording Function *Optional FVS-2 Required • Digital Group Monitor (GM) Function • Digital Clock & Timer Functions



FT-60R | 2M/440 5W HT

- Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan



5 Ways to Shop!

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

YAESU
The radio

ANAHEIM, CA (800) 854-6046	OAKLAND, CA (877) 892-1745	SUNNYVALE, CA (877) 892-1749	PORTLAND, OR (800) 785-4267	PHOENIX, AZ (800) 559-7366	WOODBIDGE, VA (800) 444-4799	PLANO, TX (877) 456-8750
BURBANK, CA (877) 892-1748	SAN DIEGO, CA (877) 520-9623	NEW CASTLE, DE (800) 844-4476	DENVER, CO (800) 444-9476	ATLANTA, GA (800) 444-7927	SALEM, NH (800) 444-0047	ONLINE STORE WWW.HAMRADIO.COM

New Store!

*Toll-free including Hawaii, Alaska and Canada. Call will be routed to the nearest store. All HFD 800-lines can assist you. If the first line you call is busy, you may call another. AZ, CA, CO, GA, TX, VA residents add sales tax. Prices, specifications and descriptions subject to change without notice.



The Cochise Amateur Radio Association Presents

The Cochise Hamfest

And 7th Region Communications Exercise

SATURDAY, MAY 7th 2016

2756 South Moson Road, Sierra Vista, AZ

Hamfest Gate Opens at 0700



PARKING AND ADMISSION DONATION: \$3

TAILGATE FEE: \$5 INSIDE TABLE FEE: \$10

AMATEUR RADIO LICENSE TESTING: 0900 to 1130

COFFEE, PASTRY, HAMBURGERS, & DRINKS AVAILABLE

MAIN PRIZE DRAWING @ 1200 NOON

TALK IN: 146.76(-) PL 162.2



**1st Prize: Yaesu
VX8-DR 6/2/440
Bluetooth Enabled**



**2nd Prizes (2 each)
Gap Hear-It
Speaker**



**3rd Prize: Heil
Boom Headset
BM-10-2YN**

Other prizes include: Alinco DJ-500T Dual-bander, Baofeng UV-5R V2+ HT, HT carry bags, station wall and desk clocks, LED flashlights, and many more.

**CHECK OUT THE COCHISE COUNTY MOBILE COMMUNICATION UNIT
Local Sierra Vista Accommodations and Shopping Within 15 Minutes**

VISIT US ON THE WEB AT <http://www.k7rdg.org>

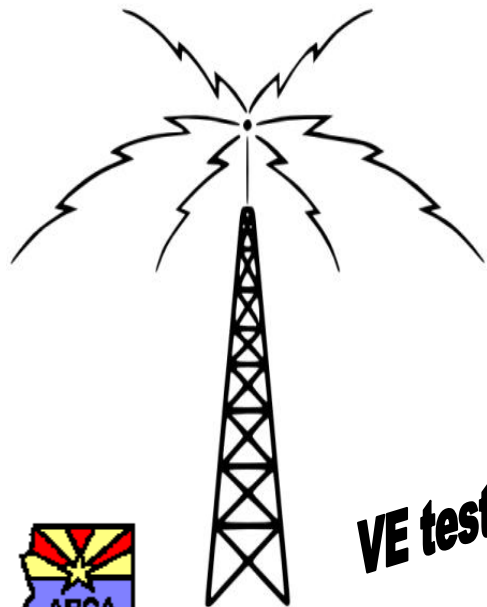
For More Info Contact: Ken/KX6X at (520) 255-4817 or KX6X@ARRL.NET

JUNE 4, 2016

6 AM - Noonish



Contact: K-K
kb9si@yahoo.com
480-586-6303



VE testing 9AM



Tailgaters
\$5/space



WHITE MOUNTAIN

HAMFEST

SHOW LOW, AZ

CITY HALL PARKING LOT

180 N. 9TH ST

Talk-in frequency
145.31 - pl 110.9



Overnight RV camping
available after 5:30PM Friday

Refreshments Available



sanctioned event

Prize Drawings

hourly and GRAND

Prescott Hamfest 2016



At Embry Riddle Aeronautical University

3700 Willow Creek Road Prescott, AZ 86301

Hosted by

Eagle Amateur Radio Club at ERAU and Yavapai Amateur Radio Club



Friday, June 10, Noon to 5 PM and Saturday, June 11, 8 AM to 5PM

For the latest information, schedule, maps and details watch www.w7yrc.org/prescott-hamfest

Come Celebrate the 25th Anniversary of the Yavapai ARC!

- Tailgate Swap Meet
- Consignment Sales
- Test Bench
- Commercial Vendors
- Transmitter Hunt
- Antenna Range
- ARRL Booth
- DXCC Card Checking
- VE License Exams
- Socializing Area
- Seminars for Beginners, Intermediate, Advanced
- Free Informational Booths and Tables for Clubs
- ARES/RACES & MARC Comm Vans
- Yavapai Jeep Posse Vehicles
- Eagle Amateur Radio Club Station Tour
- Food Trucks
- Prize and Raffle Drawings
- Sorry, No RV Camping on Campus
- RV Camping with Hook-Ups Near By (See Map)
- Limited RV Camping for Commercial Vendors on Campus

General Admission \$5.00 for both days

Tailgate Swap each lot space \$10.00 for both days

ERAU Students with ID FREE

Commercial Vendors FREE

Information Booths and Tables FREE

Car Pooling Highly Recommended

Watch www.w7yrc.org/prescott-hamfest for Updates



An ARRL Sanctioned and ARCA Co-Sponsored Event
This Event will occur Rain, Wind or Shine. Come prepared!

**Want to set up an informational booth or present a seminar?
Contact one of the Hamfest co-chairs below.**



Contacts:

Co-Chairs Bill Noe W7PVA w7pva@arrl.net or Chuck Zappala KE7SA czappala@cableone.net

Talk-In W7YRC FM Frequencies: 146.88 (-) MHz PL 100 Hz and 447.650 (-) MHz 100 Hz

NO GUNS, DRUGS, ALCOHOL, SMOKING, VAPING, FIREWORKS OR PETS PER ERAU.



2016 ARCA / WILLIAMS HAMFEST JULY 22, 23 & 24, 2016



*Presented by the Amateur Radio Council of Arizona
and the City of Williams*

WILLIAMS RODEO GROUNDS, 800 RODEO ROAD
WILLIAMS, AZ



GATES OPEN AT NOON THURSDAY, JULY 21 FOR SET-UP.
HAMFEST OPENS AT DAWN FRIDAY, JULY 22.

FREE ADMISSION!

MAIN PRIZES

- Grand Prize - ICOM IC-7100 HF/VHF/UHF Mobile
- Second Prize - Yaesu FT-8900R QuadBand
- Third Prize - Kenwood TM-281A 2M Mobile
- Fourth Prize - Yaesu FT-2900R 2M Mobile
- Fifth Prize - Baofeng UV-5R
- Early Bird - Tigertronics Signalink USB

PRIZES

DOOR PRIZES EVERY HOUR
RAFFLE TICKETS
12 for \$20, or 3 for \$5.00

Commercial Vendors

Huge Swap, Meetings, Seminars, Activities
VE Tests, ARRL Card Checking
Hospitality Suite, Saturday Night BBQ Dinner

ALL OUTSIDE SPACES

\$20 per Space before June 25

Selling and/or Camping

INSIDE SPACES - \$85 per Space

Advance Reservation Closes June 25

After June 25 - On-Site Reservation Only

\$25 per Space

(all prices are for entire weekend)

FOR RESERVATION INFORMATION

Visit the ARCA Web Site

www.arca-az.org

On-Line Reservation Available on Web Site

Call - 602-881-ARCA (2722) for info

Talk-In - 146.78 - (91.5 PI)



SPECIAL EVENT STATION!

Sunday, July 24 - Grand Canyon Train Trip

NO FOOD OR BEVERAGE SALES WITHOUT WRITTEN PERMISSION & HEALTH PERMITS
NO DRUGS or ALCOHOL PERMITTED on GROUNDS

WELCOME TO COPAFEST 2016

Maricopa Amateur Radio Association, Inc.



**ARRL
2016
Arizona
State
Convention**

Maricopa, Arizona - October 21-22, 2016

Arizona State Convention in the Desert October 21 & 22, 2016

16000 Maricopa Road, Maricopa AZ
Click [HERE](#) for map

Hamfest setup Saturday 5:00 am, Event opens at 7:00 am

Indoor Spaces - Prices to be announced.

Outdoor Spaces - Prices to be announced.

Vendors Pre-Register

[HERE](#)

Fest@Copahams.Org

Friday evening event to be announced.

Special Event Station – W7M,

ANSR Balloon Launch, Interesting Seminars, VE Testing, Hourly Prizes, Food, Drinks & Entertainment Available On Site At UltraStar Center.

ORO VALLEY ARC



HAMFEST

An ARRL Sanctioned Event Presented by the Oro Valley Amateur Radio Club

November 12, 2016

**Marana Middle School
11285 West Grier Road
Marana Arizona 85653**

Mark your calendars.

Send questions to hamfest@tucsonhamradio.org