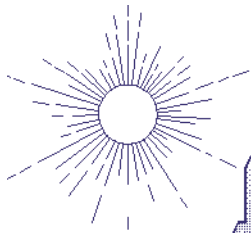


**ADAW**

4529 W. Park Place  
Glendale, AZ 85306-1512



**ADAW**

**Arizona Desert Aire Waves**

Vol 40, No 7

July 2015

**CLUB MEETINGS SCHEDULE**

**CARL**  
TBD  
AZ Science Center  
10:00 AM

**ARDG**  
Every Wednesday  
Phoenix Country Day School  
11:10 AM

**QCWA**  
October  
TBA  
Phoenix  
12:00 PM

**WVARC**  
Jul 6th  
St Clement Catholic Church  
Social Hall  
7:00 PM

**CLUB MEETINGS SCHEDULE**

**SARC**  
Jul 1st  
Scottsdale Community College  
7:00 PM

**AARC**  
Jul 9th  
Red Cross Bldg. - Phx  
7:30 PM

**SuperstitionARC**  
Jul 21st  
Mesa Utilities Building  
7:00 PM

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

**OPRC**  
Sep 9th  
Marshall Conference Ctr  
at Tucson Medical Ctr  
7:15 PM

**TBARC**  
Jul 16th  
North Phoenix Campus  
Northern Arizona University  
7:00 PM

**MARCA**  
Jul 21st  
Denny's Restaurant - Tempe  
6:30 PM

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

# 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. Visit web site at [www.W7IO.org](http://www.W7IO.org) for location and more info.

President	Gary Hamman	K7GH	602.996.8148
Vice President	Joe Cutitta	W0SL	623.215.2226
Secretary	Rosemary Kydd	N7PLN	623.980.7282
Treasurer	Bob Hodges	K7JTT	480.802.1158
Activities Mgr	Lori Cripps	WA7EDI	
Membership	Bob Hodges	K7JTT	480.802.1158

AARC c/o Bob Hodges, K7JTT, 9508 E Riggs Rd, #A117, Sun Lake, AZ 85248-7532. DUES: \$15.0500/YR, Prorated (\$18.00 Family, \$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

## 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 ADAAW for details.

President	Bob Burleson	KG7QJ	480.961.1109
Vice President	Tom Salt	AD7PM	480.926.0348
Secretary	John O'Neal	K7JP	480.345.7800
Treasurer	Roger Buel	W9NCQ	602.493.7242
Board Members	Ray Waddoups	KE7FUM	480.654.9883
	David Zinder	W7PMD	602.358.7826
	Ken McLeod	KM3N	

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

For information: Email to [carl@w7asc.org](mailto:carl@w7asc.org) or call Bob Burleson, KG7QJ at 480.961.1109. Web Site: <http://www.w7asc.org>

## 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	Ed Nickerson	WU7S	480.949.5162
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	
	Kelley Law	KF7ZVL	

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](http://www.scottsdalearc.org)

## 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.

## 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
Sec/Treasurer	David Hanson, W7BJ	602.615.3444
Webmaster	John Marshall, WA7BSR	623.334.2583

Web Site: <http://azqcwa.org> Email: [w7bj@outlook.com](mailto:w7bj@outlook.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.

# ADAW Member Clubs

## 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	Jack York	KE7VOU	602.318.7530
Treasurer	Darren Johnson	AF7CO	
Directors:	Andrew Cornwall	KF7CCC	
	Rick Tejera	K7TEJ	
	Jim Moore	WB7ENX	
	Bill Jordan	KG7NBE	
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](mailto:info@w7tbc.org) or call 602.938.8219. Mailing address: PO Box 83615, Phoenix, AZ 85071-3615.

## 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	KD7GJI	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.

## 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](http://www.w7ara.org).

President	Virgil Silhanek, K7VZ	k7vz@w7ara.net
Vice-President	Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
Treasurer	Erv Heimbeck, K0OTZ	k0otz@w7ara.net
Secretary	Jim Hoff, N7XXX	n7xxx@w7ara.net

For Membership Information, contact (Mike Montalvo, KF7MBK [membership@w7ara.net](mailto:membership@w7ara.net)) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit [www.w7ara.org/mbr/](http://www.w7ara.org/mbr/) Dues are \$18/yr. (Jan. 1 through Dec. 31) with a one-time initiation fee of \$10. Life and family memberships are available.

## SUPERSTITION AMATEUR RADIO CLUB

The Superstition Amateur Radio Club (SuperstitionARC) meets at 7:00 p.m. on the **THIRD TUESDAY** of each month (except December) at the Mesa Utilities Building, 640 N. Mesa Drive, Mesa (use the glass door on your left at the main entrance). Visitors are welcome. Board meetings are at 6:30 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	Larry Kuck	WB7C
Treasurer	Douglas Mitchell	W7ADD
Club Directors:	Ed Taggard	K7EDT
	J.D. Smaylis	KF7VOX
	Brian Betz	W7JET
	Steve Bowen	N7CPU
	John Groseclose	WX4LTG
	Dale Schmidt	N7QJK
	Jan Werner	KA7ISV

SuperstitionARC, P.O. Box 21522, Mesa, AZ 85277-1522. Web Site: [wb7tjd.org](http://wb7tjd.org). The Superstition Amateur Radio Club is a 501(c)(3) non-profit organization. For club information, please send email to: [Communications@SuperstitionARC.org](mailto:Communications@SuperstitionARC.org).

## 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, Cunniff City. 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	Kathy Adams, KG7DWQ	firelady911@hotmail.com
Treasurer	John Siepmann, N9NA	623.544.5295
Membership	Roger Thacker, KD0MD	rothtoo@hotmail.com
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>.





## ADAW Member Clubs

### 4X4 HAM

4X4 Ham is an online interest group for amateur radio operators interested in off-road recreation, and dedicated to promoting amateur radio in all outdoor activities. While 4x4 Ham started in the Phoenix metro area, it has grown to become an international forum. Weekly VHF nets are held on Wednesdays at 8:15 p.m. on the Arizona Repeater Association's Metrolink repeater system and HF nets are hosted from El Paso, TX and are held on Mondays at 6:00 p.m. MST/MDT on 7.236 MHz (+/- QRM). For more information, visit us online at <http://www.4x4ham.com>.

President	Richard Moore, N7IYT
Vice President	Randy Taylor, K7NNT
Secretary	Todd Ewing, KF7NLX
Treasurer	Virgil Silhanek, K7VZ

Online Basic Membership: Free. Advanced Membership: \$15/year.  
Premium Membership: \$30/year.

### MARCA, Inc. / W7MOT

MARCA is an Arizona 501(c)(3) Non-Profit organization. The club call sign is 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. Site Managers and officers will take reports for any site. 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, WA2RLL	
Board Directors:	Bill Hosking, W7JSW	
Board Directors:	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.



The *Arizona Desert Aire Waves* is published monthly and is the official news media of the sponsoring clubs. All news items, articles and inquiries 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](mailto:adawaz@arca-az.org)

### ADAW WEBSITE

[www.adaw.org](http://www.adaw.org)



## Upcoming Classes

The Thunderbird Amateur Radio Club has once again arranged for Chuck Adams, K7QO to present a Morse code class. Chuck has been featured in the Wall Street Journal for his ability to copy high speed code. If you've been thinking about picking up CW (or just want a refresher to get your speed back up) the class will be Wednesday evenings from 6:30 p.m. to 8:00 p.m. at HonorHealth (formerly John C. Lincoln Hospital) Deer Valley Campus - at the southwest corner of the North Loop 101 and I-17. Cost is \$10. Send your name, phone, email and callsign (if you have one - you don't need one for the CW class!) to [course@w7tbc.org](mailto:course@w7tbc.org) to register.

## FROM THE EDITOR'S DESK

Greetings.

It's the first day of summer today and the "Valley of the Sun" has already suffered through seven days of 100 plus temperatures. So much for our incredibly cool May and first part of June temperatures. The heat has descended on us with a vengeance! However, we are supposed to cool off some for Field Day weekend (June 27<sup>th</sup> through 28<sup>th</sup>), that is if you can 108 - 109 cooler!

Speaking of Field Day. If this reaches you before the weekend, hope you have plans to join one of the groups in your area for the event. If you are in the valley, you can participate in cool air-conditioned comfort with the Arizona Amateur Radio Club (see their website at [www.W7IO.org](http://www.W7IO.org) for details) or in the Harkins Ham Shack at the Arizona Science Center. Free general admission to the Arizona Science Center will be granted to licensed hams who present a current license on Saturday, June 27. The Science Center is open from 10:00 a.m. to 5:00 p.m. each day.

If this copy reaches you after Field Day, hope you had the chance to participate with your club. If you missed it, try to attend next year. Field Day is held the fourth weekend of June each year. Try it, you'll like it!

The ARCA/Williams Hamfest is fast approaching. If you haven't reserved your space yet, better hurry. The price of a space goes up on July 1.

News is that the DX Store will be in attendance this year to sell new radios and gear. Tarheel Antennas/WB0W will be set up in the main hall this year and RF Stuff will be in attendance in their usual location. The seminar/meeting schedule is full of interesting talks and seminars. A hospitality suite will be located on the grounds again this year and will be open Friday evening for anyone who wishes to attend. VE testing will be held Saturday morning, July 25, from 9:00 a.m. until noon in the Railside RV Ranch Clubhouse located just east of the grounds on Rodeo Road.

A balloon launch is scheduled for Saturday, July 25 also, weather and winds permitting. The launch will take place at approximately 9:00 a.m. on the grounds by the registration booth.

There's a new hamfest in Arizona this October. CopaFest will be hosted by the Maricopa Amateur Radio Association and will be held in the parking lot of the UltraStar Center at 16000 Maricopa Road in Maricopa. They are planning a lot of activities, a special event station and more. Check it out. The date is October 17, 2015 and the event is open from 7:00 a.m. until 3:00 p.m. (with set up beginning at 5:00 a.m.).

The 2015 Arizona State Convention will be held in Kingman this year on October 23 & 24 at the Mohave County Fairgrounds. The Mohave Amateur Radio Club is hard at work getting everything in place to host a super event. The fairgrounds is a great place to hold this event with plenty of room for indoor activities as well as outdoor swapping and camping. There are hookups available for RVs on the grounds also. For information, check the Event Calendar on page 15.

That's all for now. Stay cool! See you next month.

73,  
Chris, N7PVL

## 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.

### July Test Sessions

**Jul 2nd** - CARBA -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus Blvd, Tucson

Contact - Matthew Grossman 520.750.7189

Pre-Reg by email preferred

**Jul 4th** - Oro Valley ARC -- 10:30 AM

Oro Valley Police Sub-Station, Walmart Shopping Ctr Park Rear,  
Oro Valley

Contact - James Garrity [licensing@tucsonhamradio.com](mailto:licensing@tucsonhamradio.com)

**Jul 4th** - DeVry ARC & WVARC -- 9:00 AM

DeVry University, 2149 Dunlap Ave, Phoenix

Contact - David Morrill 923.680.5011

**Jul 6th** - AARC & WVARC -- 8:00 PM

St. Clement Church, 15800 N Del Webb Blvd, Sun City

Contact - Joseph Cutitta 623.215.2226

**Jul 8th** - 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.

**Jul 13th** - Radio Society of Tucson -- 7:00 PM

Pima Emergency Communications Operations Ctr

3434 E 22nd St, Tucson

Contact - Diane Zimmerman 520.219.0452

**Jul 20th** - East Valley VE Team -- 6:00 PM

City of Mesa Utilities, 640 N Mesa Dr, Mesa

Contact - Fred Bollinger 480.242.8606

**Jul 25th** - ARCA/Williams Hamfest & CARC -- 9:00 AM

Railside RV Ranch Clubhouse, 877 E Rodeo Rd, Williams

Contact - Roderick Martin 928.527.1139

**ADAW**



## FIELD DAY?

**WHY THE QUESTION?** This Newsletter must meet a June 10 deadline for inclusion in ADAW, even though it is dated July. So what is your humble scribe to do? Wait until August, when memories of the activities will have faded? Or perhaps write a fictional report. Why not? Some famous reporters have done that for years.

As this newsletter is being penned (word-processed?), the volunteers at the W7ASC station are deep into planning a memorable Field Day at the Arizona Science Center. Lots of “Do your name in Morse Code” stations. Perhaps some Hams wandering the halls and galleries with hand-held radios giving demonstrations in the midst of the visiting multitudes. There might even be a map posted in the station kiosk with map pins marking the day’s contacts.

A large screen presentation on ECOM will be in the “My Digital World” gallery, and, not to be overlooked, SkyWarn material will be made available to visitors. Perhaps that will bring forth a few questions. The Team will be prepared to answer at least some of the reasonable ones. No – we do not control the weather, remotely or any other way!

If everything is functioning properly, the Station will hold live demonstrations of PSK31 and Echolink. VHF/UHF contacts are virtually guaranteed. HF activity is, of course, less predictable.

Ham volunteers will be answering questions and handing out flyers, activity schedules, old QST copies and reprints of the latest ADAW newsletter. Bob, KG7QJ, is, even now, working to assemble a large group of volunteers so that Ham Radio will be a large part of the Arizona Science Center visitor experience on Field Day.

Do you, fellow Hams, really wonder why we do this? This action is not really in the “field.” We do it in order to entertain and inform the visitors, to give them some idea of what we, as Hams, do in order to prepare for that day (that we all hope never arrives) when we have no power from the utility, but communication is suddenly critical to the citizens. Field Day, as you well know, is, at its core, a practice session. Field Day at the Arizona Science Center is an opportunity to inform some of the citizens that might require our services. That message can often be lost in the noise. Our intent is to pull it out and put it into focus.

Apart from Field Day preparation and activity, the usual fun goes on every day at W7ASC. And we must be doing something right! There seems

*Continued Next Column*

*CARL Continued from Previous Column*

to be a definite trend here. We see many more visitors who are repeat visitors to the Shack. They have done the Morse code, but they want to do it again. At times they will wish to try a different name. Often they bring a friend or family member, someone who missed us on the last visit. That is clear evidence that we made a favorable impression that first time.

Then there are visitors with latent yearnings to get into Ham radio. Never too late! We try to have copies of the latest ADAW newsletter available for just such times. If you feel that latent desire to talk to non-Hams about Ham radio, there is no better way to do it than to volunteer at the Arizona Science Center – at the W7ASC station. Call Bob KG7QJ at 480-961-1109 or just drop by the Shack (third floor, in “My Digital World”) and see what it is that goes on.

73 de W4CIH  
Jean Jolkovski  
jeanjol@hotmail.com 480-664-7353  
Phoenix, AZ

**ADAW**



**www.thesignman.com**

**1-888-426-8241**

**BADGES - CAPS - LICENSE PLATES & FRAMES**

**The SignMan of Baton Rouge**

**rick@thesignman.com**

**P O Box 84107**

**Baton Rouge, LA 70884-4107**

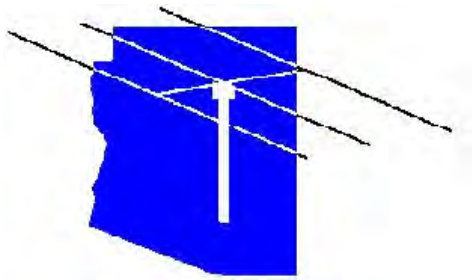
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MARCA INC.



Monthly meetings are on the 3rd Tuesday of the month. Schedule, location, and agenda are posted on our website. Meetings open to anyone interested in amateur radio or to just listen to feature presentation and have a bit to eat.

W7MOT.org website continues with small improvements. Check it out. This month a “Report a Repeater Problem”; Main Menu, hover the cursor over “Repeaters,” select (click on) “Report a Repeater Problem.” Use this to report a problem or make a comment, click send, and it’s emailed to Site Managers and Tech Chair. Simple. Knowing how these repeaters are performing or misbehaving is important to us. MARCA owns and operates several voice, APRS, and digital repeater systems, all with the call W7MOT-(something). See website for repeater, locations, and user information.

Did you know MARCA, in partnership with the ARA, hosts the W7MOT DStar system on White Tanks? It’s a full DStar system of four repeaters; UHF Voice, VHF Voice, 1.2GHz Voice, and 1.2 GHz Data. Repeaters are Repeaters; a DStar Repeater requires a Controller to functioning as a simple “repeater” or do “cross band.” And yes, if the Controller gets sick, it can cause one or all of the repeaters to act funky.

“Linking” to distant DStar repeaters (globally) requires a Gateway Server plus Internet. And yes, this steps up the complexity factor with a Linux server, local area network, firewall, and internet service. And yes, all the equipment is co-located on White Tanks.

There are three DStar Systems in the Phoenix Valley: W7MOT on White Tanks, KE7JFH on Utery Mt., KG7HBZ B (UHF only) in Goodyear, and two systems in Tucson area, K7RST on Mt Lemon, and KR7ST in Tucson. DStar users may link between these sites using any combination of repeaters at either end.

There is an Arizona Statewide “Reflector” (REF009C), hosted by Radio Society of Tucson, whereby each AZ DStar system links a repeater (typically UHF or B) to the Reflector. All linked repeaters function like one. At any time, any DStar repeater anywhere may link.

Not interested in Reflectors, then link a DStar repeater to another DStar repeater elsewhere in the US or Europe, or schedule a QSO via DStar back east or north or south or northwest. You get the idea.

So, with all the complexity, something might go amiss. It happens. W7MOT had a few rough days the end of May. Being a repeater admin or engineer for DStar is more than RF and antennas. The Gateway Server was hit by a stray neutrino (it happens to all computers). We suspected the Linux OS was hit. A reboot was required (just like Windows and Apples). After the reboot, an update to Dplus was installed. All is good

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## *No Report Received*

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### *MARCA Continued from Previous Column*

now. Users have reported the system is operating normally. Report problems using our reporting system.

You may not be aware of the W7MOT-14 (UHF) 442.975 MHz and W7MOT-15 (900 MHz) 927.4375 MHz Repeaters located at Chandler Regional Hospital. They’ve been operational for about four years. However, they have been somewhat over shadowed by some of the building structure and for the past two years by the new five-story building addition.

Both the W7MOT-14 and W7MOT-15 were relocated this past June. The antennas are now located on the roof of the new five-story addition at 90 ft and with a clear view of the SE Valley horizons and mountains. The Repeaters were relocated to the 5th floor Telcom Rm.

W7MOT-14 is fully operational. Coverage area is greatly improved. Please give it a try and report your findings using our Repeater Reporting System. Include your Name, Call, email, location, signal report, type of radio, and Tx Power. This will help us develop a coverage map quicker.

W7MOT-15 is not on the air due to a Hardline issue, but should be by publication. Antenna, Repeater, Hardline, installation and testing are complete. Again, you are welcome to provide comments on this repeater using our Repeater Reporting system.

The site manager is TD Kennard, N7ISR. He can be contacted via email found under >>About Us>> Repeater Site Managers or the Repeater Reporting System.

The Fusion repeater at the Hayden GD Scottsdale site may not be live by the end of June. A new ARCOM controller is being assembled with factory Fusion modifications. Testing is scheduled before final installation.

Norm Johnson, aa7oo  
Secretary MARCA  
ADAW MARCA Editor

**ADAW**



## *Amateur Radio Development Group*

***No Report 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.



Attention: The ARA does not hold a General Meeting in July. Our Technical and Board Meetings have also been canceled for July this year due to the proximity to the 4th of July holiday. Happy Independence Day to everyone and we hope to see you at the ARCA Williams Hamfest July 24-26th.

Quite a few changes have been made to the Arizona Repeater Association web site in the last year. Have you visited [www.W7ARA.org](http://www.W7ARA.org) recently? Gone is the static site developed years ago. The new web site has features added to deliver dynamic content to you on a regular basis.

The most recent and exciting change has been on the Membership page. The ability to join or renew your ARA membership online has been added. Under the Membership page, select Membership Application at the bottom. Once the form is filled out, you have the option to Submit and pay via any Visa, MasterCard, Discover, or AmEx card or log in and use your PayPal account. The form can still be printed and mailed in with a check, but we're excited to announce that this is no longer the only option.

The printed Squelch Tail was discontinued several years ago with the intentions of delivering the same content via the web site. Much of that is possible now. There are the public notices under the Squelch Tail button where we've been posting many updates each month. Included are the ADAW column, membership updates, general meeting summaries, repeater trip reports, and anything else that needs announced regarding the ARA. Check back here frequently for updates.

Under the Repeaters page, you'll find the largest chunk of content on the site. You'll find the listing of ARA site engineers and contact information for each. Next to that is a link to the Interference Report. It's very important and helpful if users of ARA repeaters fill this out with as much information as possible when problems occur. If there's intentional interference, listen to the input of the repeater, try to get a directional reading, and collect what information you can. Remember, even if you don't hear the interference directly, that information helps us determine where the signal is not coming from and is just as helpful. Interference reports are not just for intentional interference either. If you hear a repeater acting up or not working properly, fill out the form. This information will be passed on to a site engineer or the tech chairman.

We also have a link to the ARA Repeater Site Status. All of our sites are listed here and you can dive down to look at each radio at every location. We're able to change this page to keep it updated when there are problems or repairs in progress.

Our repeater information is also provided in two formats for downloading. The first is a two-page PDF file that has every repeater listed as well as helpful information on some of the linked systems. Print this out yourself or pick up a copy from

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### *ARA Continued from Previous Column*

us at a hamfest. We've also added a CSV file format listing all of our repeaters. This can be opened in Excel and arranged how you want it. The default is sorted by frequency, but you can sort by the Name column to look at our repeaters by site or sort it by the Comment column to view our repeaters listed by linked system. The CSV file was created to be compatible with programming software as well, giving you the ability to easily program ARA repeaters into your radios.

Take a look at the Meetings page as well. Most of the information here does not change that frequently, but our program chair keeps the Scheduled Programs page updated with upcoming meeting topics. You can check which presentations will be happening on the 4th Thursday of each month and come join us. Remember, no meetings in July, but join us in August.

Log into the Member Services section as well. Once logged in, this is where the Membership Directory is located. It used to be printed annually and became outdated as new members joined or as people moved addresses. Information is now able to be kept current online. We're also able to post member-only notices within this page.

I hope you enjoy the new web site and find it useful. There are still more changes and updates we'll make in the future, so check back frequently.

Virgil, K7VZ  
ARA President

*Continued Next Column*





In the June ADAW you read about the homeless Arizona Amateur Radio Club. You saw photos of the closing of the American Red Cross Building on I-17 and Bethany Home and a hopeful picture of the new Red Cross Building on 22nd Street, but the question regarding the location for our activities remained. Where would we have our meetings? Our fast approaching Field Day? Our VE sessions? To some extent these issues were resolved at our June 11 club meeting, which was held at the New World Educational Center on 7th Street, arranged by John Adams, K6JWA, through the generosity of his principal, Jesus Armenta. However, no plans for a permanent AARC meeting place have been made because the new Red Cross Building is still not completely operational. We did decide that Field Day would be held at an office complex that is available to us and very well suited to the Field Day demands. This office is located at Hayden and McDowell Roads in Scottsdale. This location also has an area suitable for VE testing during the Field Day weekend. Other than on Field Day weekend, AARC VE testing will probably occur in the New World Educational Center.

Now that we feel a little more comfortable with our locations, we can take a better look at our events. The AARC has been actively involved with VE testing. A look at yesterday's ARRL website disclosed that six members of the AARC have participated in 100 or more VE test sessions:

- Joe Cutitta, WØSLL (300)
- Ken Peloquin, N7PHO (225)
- Gary Hamman, K7GH (163)
- George Cooney, KQ7C (123)
- Bob Hodges, K7JJT (107)
- Larry Penrod, AC7FC (100)

Although not AARC members, three diligent hams have volunteered to help at some of our test sessions. We are very proud of Bill Martin, AIØD, who has been a VE at 649 sessions; David Morrill, N7TWT, at 287; and Yoshi Nagano, WH7JJ, at 150.

Can you imagine how many new hams have received their licenses through the efforts of the nine people I have mentioned? I have observed the additional attention the devoted testers have given to the newly licensed amateurs. Sometimes it was a small but much appreciated gift like a QST magazine or a pocket multimeter. Sometimes it was an invitation to a club meeting or Field Day. I personally salute these dedicated Volunteer Examiners.

Work is still under way to get the new American Red Cross Building ready for emergency operation. Some of us have been involved in that. The EOC is starting to look operational, but work still needs to be done on the roof. Antennas need to be

*Continued Next Column*

## Public Service Calendar

EVENT	LOCATION	DATE
Barn Burner Mtn Bike Race	N of Flagstaff / Kaibab & Coconino NF	08/29/15
Mogollon Monster	Payson Rim Area	09/26/15
Tour de Scottsdale	Scottsdale	10/11/15
Y Race Phoenix (YMCA Half Marathon)	Phoenix South Mountain Park	10/17/15
Javalina Jundred	McDowel Mountain Park	10/31-11/1/15
JROTC Lake Pleasant	West of Lake Pleasant	10/31/15
ADA Step out for the Cure	N Phoenix Baptist Church, Central & Bethany	11/07/15
ADA Step Out for the Cure	N Phoenix Baptist Church, Central & Bethany	11/07/15
Heart of Arizona	Congress	11/07/15
Xterra San Tan Park	San Tan Regional Park	11/08/15
JROTC First Water	N of Apache Junction	12/05/15
Fiesta Bowl Half Marathon	Scottsdale Civic Center	12/13/15
XTERRA - White Tanks	Waddell	01/10/16
JROTC Lake Pleasant	W of Lake Pleasant	01/30/16
Runner's Den Pancake Run	E Phoenix, Paradise Valley Mall	02/07/16
XTERRA - McDowell Mountain	Fort McDowell Regional Park (Fountain Hills)	02/07/16
Black Canyon 100K	Dewey to New River	02/13/15
JROTC First Water	N of Apache Junction	02/27/16
Mesquite Canyon Trail Run	White Tanks Regional Park (Waddell)	03/12/16
Crown King Scramble	Bradshaw Mountins	04/02/16
El Tour de Mesa	Mesa/Scottsdale	04/02/16
March of Dimes March for Babies	Wesley-Bolin Park, Downtown Phoenix	04/09/16

To sign up for Public Service Event: [www.mcecg.net](http://www.mcecg.net)

For information, contact Dennis Bietry - KE7EJF at 602.274.3732 - email, [ke7ejf@cox.net](mailto:ke7ejf@cox.net), or contact the Event Coordinator for the event.

### *AARC Continued from Previous Column*

put up, along with necessary rotators, etc. This sometimes becomes a challenging job. Even locating the necessary connectors for rotators can sometimes be a time-consuming process on the internet, and sometimes when plan A fails, a bit of engineering ingenuity has to find an alternate solution. There will undoubtedly be scheduled work details for members of the AARC. Watch for your email invitations to join in.

Hope to see you at Williams!!

73,  
Lori, WA7EDI  
[cripps@cybertrails.com](mailto:cripps@cybertrails.com)

**ADAW**



A thought for today. MMRG never does anything half-heartedly! Take a look at the group's website. Actually right now there are two. A new website ([www.k7mrg.org](http://www.k7mrg.org)) has just been put on the internet and is still undergoing some changes, but it will eventually replace the original website ([www.mingusmountain.org](http://www.mingusmountain.org)).

An innovation I particularly like on the new website is "MMRG Member Projects" because it details special activities in which our members are involved. Currently this section features the KF7TZT tower project, the ambitious move of tower and beams from members Neil, K7SEN and Mary, AB7NK's home in Coyote Springs, AZ. Then it involved transportation to the home of Dan, KF7TZT in Prescott Valley, AZ. Then, finally came the reinstallation at Dan's QTH. This was no easy accomplishment, and a look at the photos will confirm that statement. How relaxed the two tower climbers seem at the top of the tower. It looks as though they could enjoy a game of pinochle there! Is that a trait that can be developed?? You can see a couple of the photos here in this ADAW, but I suggest that you look at the original presentation on the website to get the full picture of what was involved in this move.

This is another example of the ham radio camaraderie we all appreciate. More often than not there are offers of help when that help is needed, and even occasionally some valuable piece of equipment which has outlived its usefulness in one shack is gifted to a grateful ham for use in his/her ham shack. I have experienced this gifting; my gifted 10-meter beam has greatly improved the activity at the WA7EDI ham shack.

Thanks to the technical committee that keeps the Mingus repeaters in good operating condition and to the members who maintain and improve the website which is a wonderful media of communication to all members. I always welcome member input for the ADAW. I appreciate knowing what you are doing in amateur radio, and I'm sure the readers would like to hear about it, too.

73 from Lori Cripps, WA7EDI - [cripps@cybertrails.com](mailto:cripps@cybertrails.com)



The Finished Project



The Beam Coming Down  
Neil K7SEN on Tower, Bud N7CW on Rope,  
and Bob KJ7SJ Behind Ladder



Getting Ready for the Beam  
Neil K7SEN and Bud N7CW on Tower



The Moving Crew  
Steve KC7TIL, Bob K7POF, Russ AD6ZLM,  
Ralph W7HAM, Max KB7XU and Tom WN7E

# Old Pueblo Radio Club INTERMOD

## President's Column

*On Summer Break. See you in September!*

### 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



ADAW

### Want Ads

**Wanted** - Rohn 25/45 gin pole.  
Contact Ray, W7GNE - Home: 480.998.1893



### CHAPTER 16

### BARRY M. GOLDWATER ARIZONA CHAPTER

The summer quarterly meeting was held June 20th in Prescott Valley, AZ. We had 32 in attendance and received some new chapter memberships.

The program was about the "Voodoo Contest Group - The Saga Continues" as presented by Bud Semon. Bud's presentation covered his participation in the 2014 CQ Worldwide CW contest. In addition to the setup and operation of the 9K2HN contest station, the presentation covered some of the countryside, cultural aspects and traditions of Kuwait.

ADAW

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We are sorry to learn of the loss of Art Bross, KC7GF, SK, co-owner of RF Stuff with wife Kathy, N7AYR. RF Stuff is one of our vendors noted for trays and trays of connectors, adapters and cable assemblies at area hamfests including our own SuperFest each December, and Art was always a friendly face behind those tables. Art has contributed to and been a member of the Repeater Builder mailing list. Art passed away on May 26, 2015.

No memorial service is planned for Art. Kathy asks any donations be made to the Wickenburg Hospital Foundation in Art's name. You are asked to please include your club/group affiliation if you make a donation.

### WEDNESDAY'S CLUB NET FEATURES THREE PARTS

Our Wednesday Club Net at 8:00 p.m. has three parts. In the first part we include a roll call of Officers and Directors of the club and their comments on club doings, as well as member and visitor check-ins and comments. That is followed by the Elmer portion in which we take questions and try to provide answers to your questions ranging from technical and propagation to procedure and what rig or antenna to get. We play the Amateur Radio Newsline at the end of our net. You can hear the net on the Usery Pass 147.12 and over KB7KWK-L EchoLink.

Unfortunately, with the latest hospitalization of Bill Pasternak, WA6ITF, Newsline has gone silent as a search for volunteer broadcast talent is underway. More can be found at [www.arnewsline.org](http://www.arnewsline.org).



### REPEATER INSTALLATION COMPLETED, LINKING TO COME

Superstition ARC has moved its 147.12 and added a new 448.275 to Usery Pass, with installation on our own antennas completed before first of June. These repeaters are running new Bridgecom hardware. Our 449.60 remains in the Stone Castle site we have maintained since the late 1970's in northeast Mesa, now with great audio from the GE MASTR II.

There is a dead zone south of Usery Pass that blanks part of east Mesa and Queen Creek, and it is our intent to fill that area with a link between the 147.12 and the 449.60 at the Stone Castle site in northeast Mesa.

### UPCOMING CLUB ACTIVITIES IN JULY

The Independence Day Net on Saturday, July 4 at Noon on 147.12, is an annual tradition begun last year in which participants

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*SPSARC Continued from Previous Page*

take turns reading from the Declaration of Independence. This net is also carried on EchoLink via KB7KWK-L.

Organ Stop Pizza at noon on July 11 is the Superstition ARC annual club party. I believe this will be our third annual outing. Live organ music will be played on the restaurant's Wurlitzer. We are collecting \$8.00 per head at the door. Drinks cost extra, and may be purchased over the counter (Cash or Check only, no credit/debit cards). Members are urged to contact VicePresident@SuperstitionARC.org by June 29 so we can get a headcount. If you see this on or before June 29, please email Jeff (K7ZLX) with how many are coming with you.

Our club meeting will be Tuesday, July 15, 7:00 p.m. Mesa Utilities Office, 640 N Mesa Drive, Mesa. The fifteenth of the month sneaks up on folks and they expect the third Tuesday to be the following week. Visitors are welcome.

SOTA (Summits On The Air) is the third Saturday of July, the 18<sup>th</sup>. Contact Brian, W7JET by email at Bcb605@msn.com for information. May's outing was delayed till the fourth Saturday due to rain.

**DANIEL, K7HAA IN HOSPITAL**

The man behind our new SuperstitionARC.org web site is once again in the hospital. Our thoughts and prayers are with Daniel, K7HAA and his family. As the result, our new web site is live, but on hold, under development.

Our longtime club site at wb7tjd.org has been designated to be archived in a section of our new site at [www.SuperstitionARC.org](http://www.SuperstitionARC.org), but I have been asked to resume editing The WB7TJD Wiki.

73 from WB7C, Larry Kuck



**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](mailto:rahaworth@cox.net)*



**Superstition ARC Repeaters**

47.120MHz(+)(162.2Hz)	Usury Pass (NE Mesa)
Links EchoLink	
448.275 MHz()(100.0Hz)	Usury Pass (NE Mesa)
(NEW, 2015!)	
449.600 MHz()(100.0Hz)	Local (NE Mesa)
EchoLink: KB7KWK-L node #538499-147.120	
Usury Pass full time	

**Club Nets**

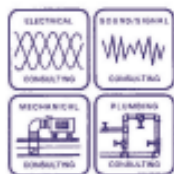
On the 147.120 & KB7KWK L Echolink or 449.600  
(147.120 and 449.600 will be linked when move to Usury is complete)  
Drive Time Net: MF, 7:00-8:00 a.m. (Featuring Trivia)  
Club Net: Wednesday, 8:00 p.m. (Featuring club information and AR Newslines)  
East Valley Swap Net: Thursday, 7:30 p.m.  
National History Net: Thursday at 8:30 p.m. (Quizzes you on National History)  
Independence Day Net: Every July 4, Noon (Reading the Declaration of Independence)  
10-Meter Net: Thursdays 8:00 p.m., 28.465 MHz USB

**Club Membership** is open to anyone with an interest in Amateur Radio. Send email to:  
[membership@SuperstitionARC.org](mailto:membership@SuperstitionARC.org)

**Hamfest**

The club Hamfest is the first Saturday every December. See [SuperstitionSuperFest.org](http://SuperstitionSuperFest.org) for the latest updates.

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If anyone is considering a major radio shack, workshop, addition or going into business for yourself, I am offering professional Electrical, Mechanical and Plumbing Engineering services to radio club members at a 20% discount for residential property, and 10% discount for commercial property. Talking is always free.

Charlotte Couch, N7IPR

**SCOTTSDALE AMATEUR RADIO CLUB, INC.**



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



1985 Field Day - Globe, AZ

By the time you all receive this newsletter Field Day will be in the log book. It was held on the last full weekend of the month and I hope it was a great success. This year the club was holding the event at a fine home in Paradise Valley. The ham shack was well equipped with room for at least three stations, its own restroom and air conditioning. We kept a coffee pot going at all times. Great meals were prepared by the attending hams and no one went hungry. The classification was 3 or 4 Delta because we were on city power. Everyone had a terrific time. I will have pictures next month.

Our club has been holding this event for many years in many different places. Back in the 80's we would go up on the rim. There were several events held around Show Low and Globe. We also held events near Strawberry and again in Pine. These were awesome locations with cool summer air and tall pine trees. Back then there were plenty of summer rains so the forests were never closed because of fire restrictions. But into the 90's came the forest closures so we sought out private property on which to hold the event. Paul Finell W7EFQ, has 10 acres in Chino Valley so we started to hold the event out there. We continued to hold the event there until 2010.

The club was always competitive in 4A. We always had a large group of guys attending and we needed them because we put up five towers and large antennas. We had a half dozen generators we used back in the 80's and 90's, but when we started at Paul's property we rented a large diesel generator from Sun State Supply. That unit would run during the entire event providing power for all of the equipment and air conditioning in many of the trailers and motor homes. We did not have to worry about forest closures after that. Here are two pictures of a typical tower raising. This was at field day in Globe, AZ 1985. Pictures taken by Charlotte Couch, N7IPR

In the last few years we have scaled down our event to become more focused on providing opportunity and assistance for new hams to get on the air. Field Day is a super time to be on the air. There are so many signals out there that making contacts is very easy. Whether you want to be on CW or Phone, it doesn't matter. Everyone on the air wants to make contacts so they work hard to be heard. And with older hams helping, every new ham becomes a success.

Next month, the club will be holding our yearly Ice Cream Social and you are all invited. We always have two or three different kinds of ice cream and all of the trimmings. There are usually brownies or cakes or cookies or all three. Of course there will be coffee and soda as well. The program will be a Field Day wrap-up complete with a presentation of pictures and wild tales of electronic wizardry. Field Day is an exercise in emergency communications and keeping the equipment operating for 24 hours can be a real challenge.

The club has a Net every Tuesday evening at 7:00 P.M. local time. The frequencies are 147.18 with a tone of 162.2 and 440.00 with a tone of 100. It is a general conversation net and we welcome everyone to join us. For us old hams it is a good time to let everyone know you are still kicking. I'll see you on the net.

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

Ed Nickerson WU7S  
[enickerson427@aol.com](mailto:enickerson427@aol.com)  
 Club Secretary



Charlotte Couch, N7IPR

1985 Field Day - Globe, AZ

**SARC CONSTANTS:**

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

**For membership information, call Gerald Jacques, KE7GYM 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.**



Continued Next Column



## Event Calendar

24 - 26 July 2015 - **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. Gates open at 12 Noon on Thursday, 23 July for set up. Grand Canyon Train Trip on Sunday, 26 July. For more information, visit the ARCA web site at [www.arca-az.org](http://www.arca-az.org) and click on the "July Hamfest" link.

11 - 13 September 2015 - **HAMCON 2015 - 2015 ARRL Southwestern Division Convention** will be held at the Torrance Marriott South Bay Hotel located at 3635 Fashion Way in Torrance, CA. See flyer for details.

17 October 2015 - **CopaFest** - hosted by the Maricopa Amateur Radio Association will be held at 16000 Maricopa Road in Maricopa. Hours are 7:00 AM to 3:00 PM. Set up at 5:00 AM. Free admission. Commercial Spaces - \$10 for 2 spaces (additional space \$5 each). Commercial Vendors Pre-Register at [fest@copahams.org](mailto:fest@copahams.org). ANSR Balloon Launch, GOTA Station, VE Testing, Seminars, ARRL Card Checking, Hourly & Grand Prizes. Food, Drinks and Entertainment at UltraStar Center. Special Event Station - W7M. Talk-In: 145.210 -600 (162.2 PI) or 449.125 -5 (136.5 PI). For more information, visit the website at <http://www.copahams.com>.

23 - 24 October 2015 - **2015 Arizona State Convention/ Mohave ARC Hamfest** - hosted by the Mohave Amateur Radio Club will be held at the Mohave County Fairgrounds, 2600 Fairgrounds Blvd in Kingman. Vendors & Exhibitors - Tailgating & Swap Meet - License Testing - DXCC Card Checking - Prizes - On-Site RV Camping. Admission: \$5.00. Talk-In: 147.240 (PI 123.0). Contact Bill Smith at 9283303.9857 (email [bill\\_1021@gmail.com](mailto:bill_1021@gmail.com)) or Kevin Walsh at 928.514.4237 (email [kd7hve@msn.com](mailto:kd7hve@msn.com)).

7 November 2015 - **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.

7 November 2015 - **Oro Valley ARC Hamfest** - Hosted by the Oro Valley Amateur Radio Club will be held at the Marana Middle School located at 11285 W Grier Rd in Marana. Visit the web site at [www.tucsonhamradio.com/hamfest](http://www.tucsonhamradio.com/hamfest) for more details.

14 November 2015 - **HARKFEST Tailgate Hamfest** - hosted by the Hassayampa Amateur Radio Klub will be held at the North Ranch Escapees RV Park, 30625 S Highway 89 in Congress. Hours are 8:00 AM until 12:00 Noon. Free Admission - Free Tailgate Space (pre-registration required) - Overnight Camping with Full Hook-Up or Dry (pre-registration required at [www.escapees.com/parking/congress](http://www.escapees.com/parking/congress)) - Free VE Testing - Prizes - Arts & Crafts Show - Lunch Available beginning at 10:30 AM.



*Emergency Communications Since 1961*

**SHORT SKIP**

## Test Sessions Report

### DeVry University Test Sessions

The next exam session is Saturday, July 4th, 2015. Exams start at 9:00 AM and all tests must be concluded by 11:00 AM. The session will be held in the outside covered picnic area near the southeast corner of the building. The campus will be closed because of the holiday. We will start the session early as Candidates arrive starting at 8:30 a.m.

Twelve candidates were examined at the June 6th session at DeVry with five Technician Class and seven General Class licenses being earned.

Administering VEs were:

David Morrill N7TWT Liaison, Bill Martin AI0D, Robert Miner KA7NPQ, Daniel Ford K2LH, Mike Richards KI7S, James Skinnell, K7EOG, Jim Scherfling K8NAU, and Joe W0SLL and Verdamae KF7UJB Cutitta.



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### Calendar Continued from Previous Column

5 December 2015 - **Superstition SuperFest 2015** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College located at W Southern Ave in Mesa. Hours are 7:00 AM until 2:00 PM. Activities include: VE Testing - Register at 8:00 AM, Testing at 9:00 AM. ARRL Card Checking. Special Event Station commemorating the USS Arizona. GOTA Station, Fox Hunts, Food, and Drinks will also be available. Admission is \$5 with under 12 free. Tailgate - \$10 per space (includes 2 admission tickets). Visit the web site at [www.superstitionsuperfest.org](http://www.superstitionsuperfest.org) for all the details.

*Continued Next Column*

**ADAW**



TBARC has been buzzing with activity this month! On Sunday, May 24, Gary Duffield WK7B presented a tutorial on putting connectors on LM-400UF cables. About 15 people attended, and five went home with connectors attached by the master. After that, Chris Johnson K6OZY did a presentation on the Flex radios that we're going to use at Field Day. Darren Johnson AF7CO kindly provided the venue: Imperial Outpost Games at 51st Av. and Thunderbird.

By the time you read this, it's quite possible that Field Day will be over. As of the publication deadline, I don't have any details yet - but I can still confidently predict lots of fun, radio, good times and great food. It looks as if this year's brisket menu has brought at least a few people up to Flagstaff who weren't previously planning to attend.

The last storm (just before June 7) took out the TBARC White Tanks repeater (446.150). You might have noticed it down for a little while - but not for long! Gary WK7B and Chris K6OZY went up the mountain to repair it on June 7. We suspect a nearby lightning strike induced a surge that took out the power supply. It actually smoked and tripped a breaker! The old repeater has been brought down and is undergoing tests to see if it was damaged. In its place is the new Yaesu Fusion repeater that the club purchased. You can now transmit in digital or analog on the input and the audio sent out will be analog FM.

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](http://w7tbc.org) for directions. For July, we'll see Byon N6BG give us a presentation on foxhunting. How do you hunt the wily rascals? What tools are available? Come and find out!

Andrew Cornwall, KF7CCC - [kf7ccc@arrl.net](mailto:kf7ccc@arrl.net)



ADAW



ADAW





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Corner of 43rd Ave. & Peoria  
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virginia@hamradio.com

**SALEM, NH**  
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**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



**FTDX5000MP** 200W HF + 6M Transceiver

- Station Monitor SM-5000 (Included) • 0.05ppm OCXO (Included) • 300Hz, 600Hz & 3KHz Roofing filters (Included)



**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-450D** 100W HF + 6M Transceiver

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

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**FT-897D** VHF/UHF/HF Transceiver

- HF/6M/2M/70CM • DSP Built-in • HF 100W (20W battery) • Optional P.S. + Tuner • TCXO Built-in

**Call Now For Our Low Pricing!**



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

- 100w HF/6M, 50W 2M, 20W UHF • DSP included • 32 color display • 200 mems • Detachable front panel (YSK-857 required)

**Call For Low Price!**



**FT-7900R** 2M/440 Mobile

- 50W 2M, 45W on 440MHz • Weather Alert • 1000+ Memories • WIRES capability • Wideband receiver (cell blocked)

**Call Now For Your Low Price!**



**FT-8800R** 2M/440 Mobile

- V+U/V+V/U+U operation • V+U full duplex • Cross Band repeater function • 50W 2M 35W UHF • 1000+ memory channels • WIRES ready

**Call Now For Low 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 mem per band



**FT1DR** C4FM FDMA 144/430 5W Digital Xcvr

- 1200/9600bps AX.25 APRS & GPS Recvr Built-in • Dual Band Operation w/Dual Recvrs (V+V/U+V+V+U) • Wideband Receive/AM Bar Antenna/Aircraft Receive • 1266 Memory Channels w/16 Char Alpha Tagging

**Also Available in Silver!**



**VX-6R** 2M/220/440 HT

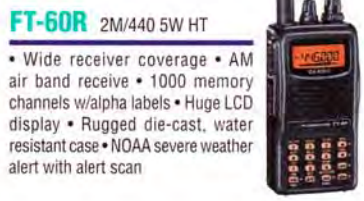
- Wideband RX - 900 memories • 5W 2/440, 1.5W 220 MHz TX • Li-ION Battery - EAI system • Fully submersible to 3 ft. • CW trainer built-in

**New Low Price!**



**VX-8DR**

- 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



**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

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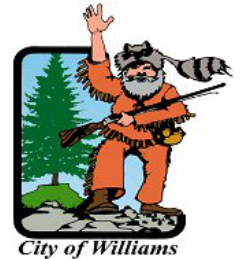
# 2015 ARCA / WILLIAMS HAMFEST

## JULY 24, 25 & 26, 2015



*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 23 FOR SET-UP.  
HAMFEST OPENS AT DAWN FRIDAY, JULY 24.

## FREE ADMISSION!

### MAIN PRIZES

Grand Prize - Yaesu FT-897D HF/6M/2M/70CM Mobile  
Second Prize - ICOM IC-2730A Dual Band Mobile  
Third Prize - Yaesu FT-60R 2M/70CM Dual Band HT  
Fourth Prize - Kenwood TM-281 2M Mobile  
Early Bird - Baofeng UV-82R Dual Band HT

### ALL OUTSIDE SPACES

\$20 per Space before July 1  
Selling and/or Camping

INSIDE SPACES - \$85 per Space

### Advance Reservation Closes July 1

After July 1 - 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](http://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)

## PRIZES

DOOR PRIZES EVERY HOUR

RAFFLE TICKETS

12 for \$20, or 3 for \$5.00



**DX Store, Tarheel Antennas, RF Stuff**

and More Commercial Vendors

Huge Swap, Meetings, Seminars, Activities

VE Tests, ARRL Card Checking

Hospitality Suite, Saturday Night BBQ Dinner

**Sunday, July 26 - Grand Canyon Train Trip**

**SPECIAL EVENT STATION!**

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

# ARRL SW Division Convention

Ham Radio  
A Bridge To  
The Future



Torrance, CA



AZ

HAMCON  
2015

# HAMCON 2015

The ARRL 2015 Southwestern Division Convention returns to the Los Angeles area and explores Amateur Radio's second century.

September 11-13, 2015

## Explore, learn, and meet amateur radio's future

See what's new under the Sun at the largest ham radio convention in the Southwestern United States:

### Four program tracks looking at the future

- Emergency Communication
- DXing and Long-Distance Communication
- Technical Topics
- Topics for New Hams

### Win ham radio prizes

Every paid registered attendee receives four free door prize tickets and has an equal chance to win—no tickets will be sold.

### 65-booth Vendor/Exhibitor Hall

See and purchase the latest in ham radio equipment, speak directly with many manufacturers and retailers.

MEET  
FELLOW HAMS  
FROM ACROSS THE  
SOUTHWEST.

*Early-bird registrations get free patch or pin with distinctive convention logo, shown above.*

Other things you can do at HAMCON 2015:

Operate ARRL station W1AW/6, participate in a "Fox Hunt," get initiated in the ARRL Wouff Hong, inspect emergency communication vehicles of area government-affiliated amateur radio groups, ARRL QSL checking, get licensed or upgrade at VE session.

Visit <http://www.hamconinc.org/> to register online, download a registration form, make special-rate hotel reservations, or get updated convention program information. Early-bird registration ends August 1, 2015.

## HOTEL INFORMATION



### The Torrance Marriott South Bay Hotel

3635 Fashion Way, Torrance, CA 90503

Our convention site is one of the area's top hotels. A special discounted \$119 per night rate (including free in-room high-speed internet and discounted \$5 per night parking) is available to HAMCON 2015 attendees. Online reservations at this special rate can only be made through Marriott's link on HAMCON's website, [www.hamconinc.org](http://www.hamconinc.org) then click on Hotel Reservations in the Main Menu. Or call Marriott at 1-800-228-9290 and say, "HAMCON Convention." Act now: This special rate is only available for reservations made by Aug.15, 2015.





17 October 2015

## CopaFest 2015

Hosted by the Maricopa Amateur Radio Association, Inc.  
16000 Maricopa Road, Maricopa AZ

Click [HERE](#) for map

Hours: 7:00 AM to 3:00 PM

Admission - Free

Spaces - Commercial \$10.00 for 2 spaces (additional space \$5.00 each)  
Commercial Vendors Pre-Register by Emailing [fest@copahams.org](mailto:fest@copahams.org)  
Set up at 5:00 AM Saturday

Talk-In: 145.210 – 600 KHz (162.2 PI) or 449.125 – 5 MHz (136.5 PI)

Special Event Station – W7M,

ANSR Balloon launch, GOTA Station, Interesting seminars, VE Testing, ARRL  
Card Checking, Hourly and Grand Prizes, Food, drinks & entertainment available  
on site at UltraStar Center.

Visit the Web Site at <http://www.copahams.com>  
520-222-7311  
voice or text



# 2015 Arizona State Convention



## Kingman Hamfest Kingman, Arizona Oct 23<sup>rd</sup> & 24th, 2015

Mohave County Fairgrounds  
2600 Fairgrounds Blvd, Kingman, Arizona

[www.kingmanhamfest.com](http://www.kingmanhamfest.com)

Check the Website for Additional Information

Vendors & Exhibitors

License Testing

Door Prizes

On-Site RV Camping

Tailgating / Swap Meet

DXCC Card Checking

Raffle for Grand Prizes

\$5.00 Admission

More info to be announced soon!



The Kingman Hamfest is an American Radio Relay League (ARRL) sanctioned event.

We are proud to have the Amateur Radio Council of Arizona (ARCA) as a sponsor of our event.



**Presented by the Mohave Amateur Radio Club**

**Primary Contact: Bill Smith [bill1021@gmail.com](mailto:bill1021@gmail.com) 928-303-9857**

**Kevin Walsh [kd7hve@msn.com](mailto:kd7hve@msn.com) 928-514-4237**

# ORO VALLEY ARC



# HAMFEST

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

**Great Fun!**  
**Great Food Truck!**  
**Great Raffle Prizes!**  
**VE Session**  
**Interesting Seminars!**

**November 7, 2015**  
**Marana Middle School**  
**11285 West Grier Road**  
**Marana Arizona 85653**

**Mark your calendars.**  
**Details to be announced**

Send questions to [hamfest@tucsonhamradio.org](mailto:hamfest@tucsonhamradio.org) This email address is being protected from spambots. You need JavaScript enabled to view it.

Talk in on the [OVARC Repeater System](#)

*Per AZ State Law, no smoking or firearms are permitted on school property including parking areas.*

# Superstition Amateur Radio Club SuperFest 2015



DECEMBER 5, 2015 - 7:00AM - 2:00PM  
MESA COMMUNITY COLLEGE  
1833 W Southern Ave, Mesa, AZ 85202



## GRAND PRIZE RAFFLE



- 1ST Prize - Icom IC-7100 HF/6m/2m/70!
- 2ND Prize - Kenwood TM-V71A!
- 3RD Prize - CS-750 DMR/UHF HT!
- 4TH Prize - Diamond X50A UHF/VHF base antenna!
  
- Tickets \$2.00 each / 3 FOR \$5.00
- Presale Tickets Online @ [http://www.superstitionsuperfest.org/sarc\\_tickets.html](http://www.superstitionsuperfest.org/sarc_tickets.html)  
\*\* Need not be present to win \*\*

## HOURLY PRIZE RAFFLE

- Tickets \$1.00 each or 6 for \$5.00
- Available on the day of the event only, \*\* Must be present to win \*\*

## ACTIVITIES

- VE Testing - \$15.00 Fee, Registration 8:00 - 9:00, Testing Starts @ 9:00AM
  - Participants Must Pre-Register for testing at the times listed
  - Bring The Appropriate Information With You For Testing, Information May Be Found On The ARRL Web Site @ <http://www.arrl.org/what-to-bring-to-an-exam-session>
  - For Additional Information or Questions Contact Fred Bollinger, AB7JF @ 480-242-8606
- ARRL Card Checking Available
- Special Events Station - K7A Commemorating The USS Arizona
- Gota Station - Make Contacts Around The World With An Experienced Extra Class Operator
- Fox Hunt
- Food and Drinks Available

## Tailgaters/Commercial Vendors

- **Tailgate** - \$10.00 includes 2 spaces and 2 paid admissions, set up time 5:00 am Saturday morning
- **Commercial Vendors** – Set up time begins 6:00 pm Friday evening. Contact our committee chairman @ [chairman@superstitionsuperfest.org](mailto:chairman@superstitionsuperfest.org) for more information

## Event Admission

- \$5.00 per person, children 12 and under free includes one hourly drawing ticket.