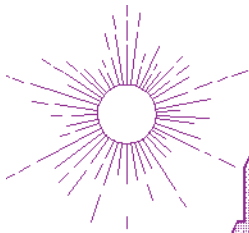


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 40, No 5

May 2015

ARE YOUR DUES CURRENT?

Check Your Club's Listing
on Page 2 for Information.

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

CLUB MEETINGS SCHEDULE

SARC
May 6th
Scottsdale Community College
7:00 PM

AARC
May 14th
Red Cross Bldg. - Phx
7:30 PM

OPRC
May 13th
Marshall Conference Ctr
at Tucson Medical Ctr
7:15 PM

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

CARL
TBD
AZ Science Center
10:00 AM

ARDG
Every Wednesday
Phoenix Country Day School
11:10 AM

QCWA
June/July
Check Web Site
Prescott
12:00 PM

WVARC
May 4th
St Clement Catholic Church
Social Hall
7:00 PM

SuperstitionARC
May 19th
Mesa Utilities Building
7:00 PM

ARA
May 28th
Denny's Restaurant - Tempe
7:30 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. in the Red Cross Building, located at 6135 N. Black Canyon Hwy., Phoenix (N. of Bethany Home Rd., E. side of Freeway on frontage Rd.).

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 ADAW 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 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



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.

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

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 or call 602.938.8219. Mailing address: PO Box 5726, Glendale, AZ 85312-5726

ADAW MEMBER CLUBS

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.

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) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit 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 Dr., Mesa. Board meetings are at 6:30 on the second Tuesday of each month (except December) at Black Bear Diner at 1809 E. Baseline Rd., Gilbert. The club hosts the following nets: Drivetime Net: Features trivia questions; M-F from 7:00-8:00 a.m. on 147.12 / 449.600 -- Swap Net: Thursday nights at 7:00 p.m. on 147.12 / 449.600 -- 10- Meter Net: Thursday nights at 8:00 p.m. on 28.470 MHz -- USB National History Trivia Net on Thursday nights at 8:30 p.m. on 147.12 / 449.600

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. The Superstition Amateur Radio Club is a 501(c)(3) non-profit organization.

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. 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>.

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	928.227.0349
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.

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.

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 ADWA. ALL RIGHTS RESERVED. **Deadline is 10th of the month**

FROM THE EDITOR'S DESK

Hi all.

Another month has come and gone and with it a really good hamfest. The Arizona Amateur Radio Club, along with the Amateur Radio Council of Arizona, held its annual event at DeVry on April 11. It was great! The attendance was good, the weather was terrific, the refreshments were delish, and the comradery was wonderful. If you missed it, put next year's event on your calendar now. It's usually the second weekend of April, so don't miss it!

The next three months are going to be very busy with a hamfest each month. On May 2nd, the annual Cochise Amateur Radio Club hamfest and 7th Region Communication Exercise will be held at Green Acres on Moson Road in Sierra Vista. Gates open at 7:00 a.m. There is a \$3 admission and parking donation fee and tailgating is \$5. An inside table will set you back \$10. For more information, check the Event Calendar on page 13 or visit their web site at <http://www.k7rdg.org>. This is a good event and well worth the trip. Check it out.

In June, on the 6th, the Kachina Amateur Radio Club will hold its annual event in Show Low at the Show Low City Hall. It's a nice venue for a hamfest and a perfect escape from the heat for us desert dwellers. So it check out! Information can be found in the Event Calendar on page 13 or by contacting K-K at 480.586.6303 or email kb9si@yahoo.com.

July brings the ARCA/Williams Hamfest in Williams. This year's hamfest has been moved to the fourth weekend of the month. The DX Store will be in attendance this year bringing new radios and accessories. There will be food, meetings, seminars vendors, tailgaters, prizes, a hospitality suite on the grounds and more. Check for updates on the ARCA Web Site at www.arca-az.org for up-to-date information. (Click on ARCA/Williams Hamfest on the left of the opening page.) This is a free admission event with outside spaces and camping (up to 4 nights) just \$20 per space for the entire weekend. Hope to see you there.

The following information comes from the April ARRL Arizona Section Manager's Report. Please help get this passed.

The Amateur Radio Parity Act of 2015

"The Amateur Radio Parity Act of 2015" - H.R.1301 - has been introduced in the US House of Representatives. The measure would direct the FCC to extend its rules relating to reasonable accommodation of Amateur Service communications to private land use restrictions. US Rep Adam Kinzinger (R-IL) introduced the bill March 4 with 12 original co-sponsors from both sides of the aisle - seven Republicans and five Democrats. Kinzinger also sponsored "The Amateur Radio Parity Act of 2014, which died at the end of the 113th Congress. H.R. 1301 is an essentially identical piece of legislation.

Kay C. Craigie, N3KN, encouraged ARRL members to urge their US House members to sign on to the bill as a co-sponsor. The ARRL has an H.R. 1301 resources page on its website at, <http://www.arrl.org/hr-1301>. If the House member is already a co-sponsor, call the member's local office or send an e-mail via the member's official website to express their thanks. She called on League members to encourage other hams to do the same, and to be sure to refer to the bill by its number, H.R. 1301. 2

"Remember what those pile-ups on the W1AW portable stations sounded like last year?" Craigie said. "Let's be that avid in calling for even greater support in Congress for this essential legislation."



Amateur Radio Development Group

No Report Received.

ADAW

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License Testing Information

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

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

May Test Sessions

May 2nd - Oro Valley ARC -- 10:30 AM
 Oro Valley Police Sub-Station, Walmart Shopping Ctr Park Rear,
 Oro Valley
 Contact - James Garrity licensing@tucsonhamradio.com

May 2nd - DeVry ARC & WVARC -- 9:00 AM
 DeVry University, 2149 Dunlap Ave, Phoenix
 Contact - David Morrill 923.680.5011

May 4th - AARC & WVARC -- 8:00 PM
 St. Clement Church, 15800 N Del Webb Blvd, Sun City
 Contact - Joseph Cutitta 623.215.2226

May 5th - Thunderbird ARC -- 7:00 PM
 LDS Bldg, 15018 N 39th Ave, Phoenix
 Contact - James Skinnell 602.826.1949

May 7th - CARBA -- 7:00 PM
 Lighthouse YMCA, 2900 N Columbus Blvd, Tucson
 Contact - Matthew Grossman 520.750.7189
 Pre-Reg by email preferred

May 9th - Yavapai ARC -- 9:00 AM
 Jeep Possee Bldg in Pioneer Park, 1800 Commerce Dr, Prescott
 Contact - Donald Bauer 928.775.4690
 Must Pre-Register Online at www.w7yrc.org

May 11th - Radio Society of Tucson -- 7:00 PM
 Pima Emergency Communications Operatins Ctr
 3434 E 22nd St, Tucson
 Contact - Diane Zimmerman 520.219.0452

May 13th - 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.

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
JROTC Lake Pleasant	W of Lake Pleasant	01/30/16
Runner's Den Pancake Run	E Phoenix, Paradise Valley Mall	02/07/16
JROTC First Water	N of Apache Junction	02/27/16
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

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

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.

Test Sessions Continued from Previous Column

May 16th - 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 details and instructions.

May 18th - East Valley VE Team -- 6:00 PM
 City of Mesa Utilities, 640 N Mesa Dr, Mesa
 Contact - Fred Bollinger 480.242.8606

May 23rd - Arizona ARC -- 7:00 PM
 American Red Cross, 6135 N Black Canyon Hwy, Phoenix
 Contact - Gary Hamman 602.996.8148
 No Walk-Ins - Pre-Registration Required by Friday Night



Politics 101

What has this to do with Ham radio, anyway?

The Amateur Radio Service is highly regulated by the Federal Government. It starts when you receive a license from the Federal Communications Commission (FCC) and everything that we may, or may not, do is spelled out in Part 97 of the Communication code. Any of the provisions can be changed by an action of the Commissioners [politicians]. We can gain or lose frequencies. Everything that we do with our radios (on the air) is regulated. The ARRL spends time with those politicians, but all of us need to help that effort in order to keep Amateur Radio viable.

Then there are the local laws that might apply to us. Zoning must be considered if you wish to erect a tower. Live in a Home Owners Association? Another set of rules must be considered before you erect anything that is visible.

The people who write, and enforce, those rules and regulations are politicians, professional and amateur. We must work with them if we are to continue to have a hobby. There are interests who would like to take over our frequencies. We continue to keep our privileges only if the politicians agree. We are not written into the Constitution. We must not only continue to earn our privileges; we must make sure that the politicians agree. That effort must never slow down, if there is to be Ham radio. If we want a change, the effort must start early and continue until we have achieved our objective. There are many competing signals around politicians. It is not easy to get our point across. Politicians pay attention, in general, to two factors. Money and votes. The Ham community does not bring many votes and we are not large political contributors. We need what the Military call a Force Multiplier effect.

The ham community is trying to limit the power of an HOA to restrict antenna installation. That effort started last year, but died when Congress adjourned. That effort has started again and it has some supporters in Congress. If you have read the ARRL newsletter, you know about H.R. 1301 that would ask (note that it is a request, not an instruction) the FCC to expand and enforce an existing Law. We need not take up ADAW space to duplicate the ARRL report – just got the ARRL Newsletter and read.

Here is where this scribe takes a slightly different tack. Writing to your representative in support of this Bill is important and could help. A letter from a Ham in support of a pro-Ham measure will not cause any excitement. The staffer who has been tasked with counting the mail will check to see that it is from a constituent and then add one count. Did you really believe that your representative sat a desk, using a letter opener, and read every letter? Not so. The staffer is unlikely to read the message.

Continued Next Column

CARL Continued from Previous Column

So we need numbers. Even if every Ham wrote a letter, that total is not very impressive in a country of three hundred plus million.

How do we increase those numbers? Start with the citizens who have been helped by Ham radio. Or people who understand our mission. Start with your neighbors, your fellow workers, relatives who live in a different jurisdiction. If every Ham could get ten people to write in support of H.R. 1301, things would begin to swing our way. Individual letters make a larger impression than ten signatures on a single letter. No more complaints about that HOA antenna restriction. Get those letters rolling. If you do not know your representative, use Google. Or ask this scribe. Need a draft letter? Check the ARRL newsletter, or ask here. It is not necessary to write a book. A few words asking for support for H.R. 1301, ask your rep to sign on as a sponsor and a few words of thanks. If you want to mention Public Service, that cannot hurt. Do not use words that make it seem self-serving. Ask your rep to support H.R. 1301 for the good of the community. Add a copy of the ADAW list of Public Service activities. Volunteer to provide further explanation. And avoid complaints or critical comment. Keep it positive. Include your name, address, phone number and e-mail address. Leave off the call sign. Now – DO IT! Questions? We are here to serve.



It happened again! A mother and daughter team made a bee line straight for the W7ASC shack. The little girl asked if we could talk to her grandpa. We were about to ask the usual questions: is he a Ham, where is he located, etc. Before we could finish the girl pulled out her notes – it was all there; his name, call sign and the repeater that he was monitoring. One quick call on the repeater and Grandpa was there. Another happy visitor!

Starting your Field Day plans? Try to make it another great one this year.

Want to volunteer at W7ASC? Call Bob KG7QJ 480-961-1100 or drop in to the Shack on the third floor of Arizona Science Center and pick up an application.

73 de Jean W4CIH 480-664-7353

jeanjol@hotmail.com

ADAW

R.J. CARLI ENGINEERING CORP

		<p>7311 E. STETSON DRIVE SCOTTSDALE, ARIZONA 85251</p> <p>RAYMOND J. CARLI, PE ELECTRICAL ENGINEER W7GNE</p> <p>(480) 941-8516 (OFF) (480) 945-7022 (FAX)</p>
		

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.



4X4 Ham Continued from Previous Column

usually hang several different wire antennas in the tall pines of the National Forest to get the station on the air. ARRL rules for the event also allow a “freebie” VHF station which we take advantage of by working 6 meters and 2 meters. Our entire station is operated entirely “off-the-grid” and powered by a combination of battery, solar, and portable generator power.

The Saturday of Field Day, we normally host an ARRL VEC testing session at the site. Check the 4x4 Ham website (<http://www.4x4ham.com>) for the latest info on testing times and a checklist of items to bring if you or a friend is interesting in becoming a licensed amateur radio operator, or interested in upgrading your current license.

The 4x4 Ham Field Day site is normally located on the Mogollon Rim in the vicinity of Milk Ranch Point, northeast of Strawberry, AZ. To get there, follow Highway 87 out of Payson, through Strawberry, and past the Hwy 260 turnoff to Camp Verde. Just over a mile past the Hwy 260 turnoff on the right will be the turnoff to FR300, the Rim Road. From there, follow the 4x4 Ham signs to the Field Day site. We normally push the Field Day site location on the APRS network . . . simply check <http://aprs.fi> and search for “W7AZO-FD” for up-to-date information. The site is always located in a Forest Service dispersed campsite, which means dry camping only and all bets are off when it comes to fire restrictions; however, we usually have plenty of room for everything from tent campers to 5th wheels. Many folks visit the site just for the day, but all are welcome to spend the night as we keep the radio going all 24 hours of the event!

If you’re looking to get away from the summer heat of the Valley and enjoy some great fellowship, good food, and fun radio operating, come join 4x4 Ham for ARRL Field Day 2015! Watch our website for details as plans develop. If you can’t make it to the site, look for us on the air . . . Whiskey 7 Alpha Zulu Oscar! Hope to see you there!

June is right around the corner, and for many of us that means one of our most favorite amateur radio events of the year . . . ARRL Field Day! Each year, 4x4 Ham takes a break from the heat of the Sonoran Desert and migrates north to the Mogollon Rim for a weekend of radios, fun, and friendship. This year, ARRL Field Day will be held June 27-28th and 4x4 Ham preparations are already underway!

You never know what amateur radio niches will show up at a 4x4 Ham Field Day site. In the past, in addition to the traditional HF SSB contacts, we’ve had operators working CW, digital modes, and even amateur satellites. Many operators also bring along projects associated with their current amateur radio interest area, which makes for some great “show & tell” sessions.



Kurt, KE7KUS, explains the construction of a magnetic loop antenna as part of a Field Day antenna workshop during 4x4 Ham’s 2012 Field Day

We have a wide range of experience at the site, from newly licensed hams, seasoned elmers, adults, kids, and everything in between. We operate our Field Day site under the 4x4 Ham club call sign, W7AZO, and the trustee is an Amateur Extra Class operator who will be at the station, so Field Day is a great chance to come out and work some of the less frequented parts of the bands and see what they have to offer.

Amateur stations participating in Field Day are usually placed in classes based on the number of radios at the station, as well as the type of power used to power those radios. We normally operate a Class 1A station, meaning we have one radio in use at any given time and operate on noncommercial power. While the radio we use changes from year to year, we



ADAW

Continued Next Column



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

The spring quarterly meeting was held March 28 in Tucson AZ. 14 were in attendance and the program was given by author Cathy Hufault on her book "Death Clouds on Mt. Baldy-Tucson's Lost Tragedy."



Cathy Hufault presenting program.

Tom Fagan, K7DF, president, announced that our chapter received a TS-180s radio station donation from a ham that passed away. That ham's wish was that the station be given to a deserving young ham. Tom received the station and found a very deserving young ham.

That ham was Jake KG7RHJ and his father Andy KG7RHK. Both just got their technician license in February and are working on upgrading to General. Jake and Andy were speechless when told of the donation and could not thank us enough.



The donated station. A TS-180s radio, speaker, microphone, power supply and antenna tuner.

David B Hanson, W7BJ
Cell 602-615-3444
Efax 610-643-1457



The Arizona Amateur Radio Club did it again! The April Hamfest at DeVry University has been a tradition with the AARC for some time, and with the exception of one very rainy hamfest several years ago, it has always been a great event. It was sunny, and it was well attended. This year ARCA again was a cosponsor and gave us a lot of help. A hamfest of this magnitude is a lot of work and takes a great deal of planning, but besides providing the obvious opportunity to find that bargain, there are side advantages to the organization that is sponsoring the hamfest. In our case it is great to see the members work together, planning, setting up the night before, and enjoying being a part of a major project. Several commercial vendors now join us each year. From the first table set up on Friday night to the last prize drawing on Saturday the event was enjoyed by the AARC group and the attendees.

The AARC is anticipating some changes this month. The Red Cross Building where we have held our meetings is to move to another location on May 1, 4747 N 22nd St. We have not yet determined where we will be meeting, where we will be operating during field day, and where we will be holding VE test sessions. Several options are available and a decision will be made by our May meeting.

At our March meeting Mark Kesauer, N7KKQ, presented the program for the evening, telling us about his milling machines. Mark has been making badges for our members, very nice looking badges with our club logo. John Adams, K6JWA, has also taken on a project for the AARC, the procurement of amateur radio jackets with our logo on the back and our name and call sign on the front. Members are appreciative of the efforts on the part of both Mark and John.

A look at the calendar tells me that all of us will be thinking about Field Day and the ARCA/Williams Hamfest soon. I'm thinking about a ten-meter beam that will be going up in my backyard next week. Looking forward to adding to my 50-something DX countries. Best of DX'ing to all of you.

73,
Lori, WA7EDI



April Hamfest at DeVry AARC/ARCA

Photos by Lori Cripps, WA7EDI



Friday afternoon/evening set up



Coffee and Donuts for sale.



One of the many Commercial Vendors



The best grandma ever buys the best donut ever!



Waiting to hear that winning number!



And the Winner Is . . .



Reinhard Geissler
DL1UF



Hamfests are great place to meet friends



Get out and get on the air this summer! I know as Arizona starts warming up, I'm planning to take a week long vacation and a few weekend camping trips to cooler places. As I do, I am taking my ham radios along. Some events to add to your calendar are the AEN-MAR picnic in May, ARRL Field Day in June, and the ARCA Williams Hamfest in July. For this month's column, I would like to explore the linked repeaters that the Arizona Repeater Association supports. Use them to call home and keep in touch with friends and family while you are out and about.

Everyone seems to understand simplex operation and how a single repeater works, but things get a little more complicated when you start using linked repeaters. When you key up on a single repeater, your voice is being heard on every repeater that is in the linked system. There are different hang times to keep in mind at the beginning and end of your transmission. Remember to leave a pause after the squelch tail drops to allow other stations to join the conversation. Establish an order of hand-offs when chatting in a group to help prevent doubling.

Linking many repeaters together also creates a lead/warm-up time that can be up to 2-3 seconds. During Ragnar, a station transmitting on Scottsdale Airpark to net control listening on White Tanks, can encounter quick key problems. Scottsdale Airpark has to connect to Shaw Butte, which links to Mt. Ord, then to Smith Peak and finally White Tanks. Each repeater link in the system takes a fraction of a second to key up the next in line. When you end up with 4-5 hops, there are a few seconds of audio that can be clipped.

As you are traveling this summer, try calling home with IRLP or Echolink. The UHF repeater 444.300 MHz on Chase Tower in downtown Phoenix is set up as an IRLP/Echolink node. To call out to another node, key up, announce your call sign, and without unkeying enter four digit IRLP node or * plus node for Echolink. To disconnect, use 73 on IRLP and # on Echolink. If you are on another repeater elsewhere, you can connect to Chase Tower with IRLP node number 7620 or Echolink node number 474525.

The ARA does not own, but participates in the Northlink system with three of our repeaters. The Scottsdale Airpark 441.625 MHz and 927.1625 MHz with Mt. Ord 444.500 MHz repeaters are linked to Towers Mountain 449.175 MHz and South Mountain 442.125 MHz repeaters. Combined, most of central Arizona is covered by this system.

For coverage in Southern California back into Phoenix, try the CalZona link. Repeaters maintained by the East County Repeater Association are linked to ARA repeaters on Smith Peak 146.680 MHz and White Tanks

441.725 MHz. The VHF repeater on White Tanks 146.940 MHz can be linked by using ##171 to connect and ##172 to disconnect.

One of the more common systems that people are familiar with is Metrolink. It consists of five linked repeaters. Metrolink has general Phoenix coverage, but also reaches north to the Mogollon Rim with Mt. Ord 146.920 MHz. Metrolink has autopatch for making a phone call from your campsite where cell phone service often fails.

The largest linked system that the ARA maintains is Rimlink. There are eight repeaters on link full time. With Mt. Ord as the hub, repeaters on Shaw Butte in central Phoenix, Pinal Peak near Globe, Mt. Elden near Flagstaff, Smith Peak west of Wickenburg near Aguila, and Greens Peak near Show Low are connected to this system. If that isn't enough for you, we partnered with the Utah VHF Society last year to add the ability to link on demand into the Intermountain Intertie system. When linked up, there are more than 30 repeaters connected covering Arizona, Utah, Colorado, Nevada, Idaho, and Montana. From either side of this system, you can use codes ##360 to connect and ##370 to disconnect. Arizona and Utah are automatically linked every Sunday afternoon from 4pm - 9pm MST.

So, as the Phoenix area heats up this summer, get out and find some cooler parts of the state or neighboring states. Take your radios with you and don't worry, we've got you linked. Visit www.W7ARA.org and click the Repeaters button on the left for more information.

Virgil, K7VZ
ARA President

ADAW

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Club Repeaters: 147.12 / 449.600

We're settling into our new meeting location in room 147 of the NAU North Phoenix Campus (also known as the North Valley Campus), located at 15451 North 28th Avenue in Phoenix. At the March meeting we got to watch remote operation of digital modes in realtime as Israel AD7ND discussed them. We're definitely seeing more people at the new location - and we'd like you to be one of them!

Once again, it's time to renew your membership (or join, if you're not already a member). This year, thanks to the work of Chris K6OZY, we have an online registration system that takes PayPal. Just go to w7tbc.org and click on the "Join/Renew Membership" link in the upper left. If you'd rather join at the meeting, just bring a check or \$25 cash to the treasurer . . . we'll be just as happy either way!

We've managed once again to get 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 to register.

Lastly, have you thought about joining us at a TBARC radio event? The next one we have planned is the 7th Call Area QSO Party on May 2-3, 2015. This event will be in the Valley, so feel free to drop by if you've got a little free time that weekend. We'll meet at the White Tanks Park - Willow C campground. You will need to sign up on the website, but not if you're just dropping by for the day. There will be plenty of experienced operators to lend a hand, so even if your license class doesn't allow it, you'll still be able to get on the 20m and 40m bands. Find out what it's like to be on the receiving end of a pileup!

Andrew Cornwall, KF7CCC
kf7ccc@arrl.net



Upcoming Classes

The Thunderbird Amateur Radio Club has once again to get 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 to register.



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Our club program for April was a presentation by Larry Foster, KC0JON, on his recent trip to Honduras with a team of medical professionals. The medical team provided much needed medical attention to the people in the back country. Larry provided the radio communications for this great medical team. It was an outstanding program.

The program for the May general meeting will be a presentation by Paul Jorgenson, KE7HR on the record setting trans Pacific Balloon Trip. This will be another great program.

I have asked for the club members to tell me about some of their adventures with ham radio so I can tell all of you about them. Here is a fine example from Al Jensen, KE7FSD that he calls "Lessons from the Park."

About every other week, I, along with two others, go to a local City Park and set up a radio station or two. Almost every time we go, we learn something. We normally set up about 10:15 A.M. and spend about two hours trying to make contacts and just plain have fun.

Some of the equipment I bring is a battery (12 amp hours), a Buddipole antenna with 25 feet of extra coax, and a Yaesu 857D radio. The antenna needs to be set up just right and an antenna analyzer helps with the tune up process. Of course, the analyzer requires full charged batteries and a lot of them. Some chatter has been whether to store batteries in the instrument or out of the instrument. Perhaps in a battery storage case. Sometimes the batteries should not be stored in the instrument as this can lead to a damage from a leaking cell. One conversation lead to the power switch on the instrument which is capable of being turned on by laying the instrument on its front partially depressing the switch. The batteries may be depleted if that occurs. The newer model has a protected raised ring around the switch to stop the unit from turning on inadvertently. One of the "Ham in the Park Radio Mates" had a defective power switch and that was corrected by factory personnel, but also lead to speculations on battery usage.

Last time at the Park I could not get my antenna analyzer to turn on - like the thing was out of power. The screen was blank. I had just returned from Wisconsin and figured that the instrument had turned on because of the bumpy travel conditions. You know the little red power switch was depressed in just enough to turn it on and drain the battery. Or maybe the switch was defective due to the jostling. With my recent findings from others about the power switch being capable of depleting the batteries or the switch maybe being bad, I was quick to draw some conclusions. So I packed the instrument away and was going to wait until I was home and on the bench to check it out. Boy, I wanted that analyzer.

The Friday we are at the Park, the bands were bad that week and I listened to a lot of people state the bands were bad - so bad that it was not worth even trying to use them. On Thursday

Continued Next Column

SARC Continued from Previous Column

afternoon, I was able to find two stations on the air on 15 meters. So I was set to operate at 15 meters, but needed the meter to really tune the antenna in. But I did not have the luxury of the meter and just followed the antenna directions. In about five minutes, I heard a station loud and clear. With a DL call sign. Well with the bands being as bad I thought I would never get the station. But then I decided to give it a try. Using about 40 watts, there was a reply of "something Denmark." Well, that was me! So I increased the power to about 60 watts and the reply came back again and this time it was my whole call sign "KE7FSD you are just about the ground level." So a little more power. Now I was getting a "5,7" signal report and there you go, in the Park with a battery and a good old try and see if this works attitude and I got Germany - specifically Hamburg. Cool! Then a dial change and in came Canada, then Costa Rica and finally Venezuela. What a morning. Lesson learned; try it and do not listen for the extra advice from someone else. If I had listened to others, I never would have made four contacts all outside of the United States. Sometimes things work out well.

So today I checked the batteries. I found that one or maybe two batteries had worked loose in the battery compartment and they failed to make electrical contact. I pushed them in and turned it on. Yes! 11.7 volts! No broken switch or pushed in switch or dead batteries. Something that I could have corrected in the field. Now I wish I had taken the time to check it out at the park. Another lesson learned at the Park. Do not assume too much and check it out to make sure.

Al KE7FSD

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 sometimes have interesting questions that all the check-ins can take a stab at answering. It is a good opportunity to try out your radio. And if you would like to try your hand at being the net control operator, all you need to do is ask. We will give you a chance to be a star!

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

Ed Nickerson WU7S
enickerson427@aol.com
 Club Secretary



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.



Event Calendar

2 May 2015 - **CARA 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 from 9:00 - 11:30 AM. Prizes. Coffee, Pastry, Hamburgers, & Drinks Available. Parking and Admission Donation: \$3.00. Tailgate Fee: \$5.00. Inside Table: \$10.00. Talk In: 146.76(-) PL 162.2. For More information visit the web site at <http://www.k7rdg.org> or contact Kurt, KF7PDF at 520.254.2411 (email kurt@ecomautogroup.com)

6 June 2015 - **White Mountain Hamfest** - hosted by the Kachina Amateur Radio Club will be held at the Show Low City Hall, 180 N 9th Street in Show Low. Free Admission. Tailgate spaces: \$5 each. VE Testing at 9:00 AM. Prize drawings hourly and Grand Prizes. Refreshments Available. Overnight RV camping available after 5:30 PM Friday evening. Contact K-K at 480.586.6303 or email kb9si@yahoo.com for more information.

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 and click on the "July Hamfest" link.

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. 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 Pl) or 449.125 -5 (136.5 Pl). 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. Contact Bill Smith at 9283303.9857 (email bill_1021@gmail.com) or Kevin Walsh at 928.514.4237 (email kd7hve@msn.com).

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) - Free VE Testing - Prizes - Arts & Crafts Show - Lunch Available beginning at 10:30 AM.

Old Pueblo Radio Club INTERMOD

President's Column

The Old Pueblo Radio Club held its April meeting on 8 April at the Tucson Medical Center. For its regular business, the members present voted to add an additional member to the board of directors, who will be announced at the May meeting. Oh, the suspense of it all. The members appear to be getting restless with the summer's approach. May's meeting will be our last for the season, with meetings to resume on 9 September.

All three of the club's repeaters appear to be running well, as usual. There is something to be said for simplicity.

73 de
Ron Kalish, N7SPW
President, OPRC



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



Real Estate

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SHORT SKIP

Bi-Monthly Emergency Preparedness Net

Date Line April 3, 2015: Ed, WA6PNJ was to be net control of the EPN, but had eaten some outdated frozen food thus was under the WX. He asked Mike and Ray to co-host the net. Takes two to replace him.

The net's topic (continuation of the last EPN) was: "Are you prepared for a three to five day power blackout?" A lively discussion centered on food, water, medical supplies, communications and surviving heat or cold. Most felt their food supply is ok for up to five days, but many didn't have equipment (backup generator) to preserve their refrigerated and frozen food. Marty, WB7X noted that there are many surplus generators available that would power our AC units, but they are bulky and require such large amounts of fuel making them impractical. We discussed the dangers of connecting a generator to home wiring, the advantages of various fuels gasoline, natural gas, propane, diesel as well as the safe storage of these fuels. Skip, KA6DCZ suggested that instead of buying massive amounts of emergency food, just pickup an extra can of what you like now and then, and rotate them to keep them fresh (including frozen foods).

Most of us keep limited amounts of water. Mike, K7MJC has no problem having a swimming pool with plenty of treatable potable water. I have access to a public pool, not so sure about that? Someone suggested using your water heater as a backup water supply.

Bob, KG7FIL suggested keeping backup medical supplies. Short of a massive solar flare or EMP, most believed they were well prepared for failed communication.

Marty asked since we have been doing this net for about six months, are we any belter prepared? Virtually everyone stated they were in better shape. Josh, WX7JM said his communications is infinitely better now and those with RV's felt secure and are keeping them well supplied.

As a famous man once said, without you there is no net, thanks to all for the enthusiastic participation.

73 de Ray, W0IVB

ADAW

Contest Corner

Lots of interesting contests this two month period. Two Major contest (bold and underscored) - two are ssb. Four contests use ss and cw and one is bpsk (You may have to read all the rules for this one, I've never done that mode, but maybe I should. :) See the WA7BNM references below.) And two QSO party events - Florida and our 7th district - all are both modes: ssb & cw. I'd suggest you pick out a few, read the summaries at WA7BNM web site (see below) and the rules and get your station ready a few days before the contest/event. Give me a call if you have any questions: 630-209-4116. (all times and dates are stated in Arizona time and date)

March 27 Fri 5:00 PM - March 29 Sunday 5:00 PM - CQ WW WPX Contest, ssb

April 11 Sat. 0:00 AM - April 12 Sun. 6:00 AM - Japan Intl. DX Contest, ssb & cw

April 25 Sat. 9:00 AM - April 26 Sun. 3:00 PM - Florida QSO Party, ssb & cw

May 2 Sat. 6:00 AM - May 3 Sun. 12:00 PM - 7th Call Area QSO Party, ssb & cw

May 23 Sat. 5:00 AM - May 24 Sun. 5:00 AM - European PSK DX Contest, psk

May 29 Fri. 5:00 PM - May 31 Sun. 5:00 PM - CQ WW WPX Contest, cw

June 13 Sat. 11:00 AM - June 14 Sun. 8:00 PM - ARRL June VHF Contest, all modes

June 19 Fri. 5:00 PM - June 21 Sun. 5:00 PM - All Asia DX Contest, cw

June 20 Sat. 11:00 AM - June 28 Sun. 2:00 PM - ARRL Field Day, ssb, cw & fm

Good contesting to all, John, N9NA

Details concerning these contests and more can be found at the WA7BNM web site: <http://www.hornucopia.com/contestcal/contestcal.html>. When you go to the web site, left click on the "+" sign in the left margin to see more information.

If you looked at these contests, you may have noticed that the implied goal is to achieve a high score and the score is usually computed by multiplying the QSO total value by a total multiplier value. The value assigned to each QSO is usually 1, but may vary - sometimes 2, as in the ARRL contests for cw QSO's vs 1 for ssb QSO's, or a higher number for the higher frequency band QSO's in the ARRL VHF Contest. The multipliers may be assigned for new sections or countries or call letter prefixes (in the CQ WW WPX Contest).

And the multipliers may be applied for each band or for the whole contest. For instance, if you operate in the ARRL January VHF Contest and make 10 contacts (QSO's where

Continued Next Column

Club Test Sessions

West Valley ARC License Exams

Only one candidate took an exam at the April 6th session. This person earned a Technician Class license.

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 and any Certificates of Successful Completion of Examination (CSCE).

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

DeVry University Test Sessions

The next exam session is Saturday, May 2nd, 2015. Exams start at 9:00 AM and all tests must be concluded by 11:00 AM.

Twelve candidates were examined at the April 4th session at DeVry with seven Technician Class and five General Class licenses being earned.

Administering VEs were:

David Morrill N7TWT Liaison, James Skinnell K7EOG, Bill Martin AI0D, Robert Miner KA7NPQ, Daniel Ford K2LH, Mike Richards KI7S, Robert Fairfield K7RQN, Josh Montano WX7JM, Robert Gormley KS7U, Gary Malhoit N4WU, and Joe W0SLI and Verdamae KF7UJB Cutitta.

For Sale

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. Ted Walker, KB5OF

ADAW

Contest Corner Continued from Previous Column

you exchange call letters and grid square numbers for each) all on 2 meters FM in 5 grid squares your total score would be 50.

Remember you can always casually participate in these contests - most any contest - spent a few minutes or a few hours to become familiar with the events. Actually only a minority (typically 10% to 25%) of the operators are really serious contestants and most will be happy to take a few moments to help out newbies - we all have been newbies.

By John Siepmann N9NA



This is WA7EDI, and I'm back from my trip to KP2-land and PJ7-land. I know you MUST know where that is! But I'll let you wrack your brain a minute or two if those two call prefixes don't ring a bell for you (and if you didn't read the Mingus Mountain Newsletter where I previewed this trip a few weeks ago). At any rate, when I talk to KP2's and PJ7's they always rave about the beauties of the area, and K7GH and I decided to find out if they were exaggerating or not. Since this was not a DX-pedition, I did not even take along a handy talkie, but I did watch diligently for ham antennas, and I had my trusty camera to take photos of any I encountered. In case you haven't figured it out (or cheated by looking it up), we were on our way to Ft. Lauderdale where we boarded a ship to the Caribbean with stops specifically at the Princess Cay, at St. Thomas (KP2) and at St. Maarten (PJ7). Fact number one: those hams did not exaggerate one bit. KP2-land and PJ7-land are beautiful beyond comparison. Fact number two: we observed only one beam antenna on a tower during the entire trip, and it was in the city of Marigot on the island of St. Maarten.

But that was a few weeks ago, and we are now back on desert sand. And shortly after you read this article, on May 9, the MMRG will be having its yearly membership meeting/picnic, an event we truly look forward to. We're hams, and we are a social group. K7POF and group make the best hot dogs and hamburgers, and Tomy, KF7GC, and Debbie Ivan will be there with their delicious popcorn. We hope to see many of the MMRG members there at about 11:00 A.M. with their potluck dishes. A good time is guaranteed!

On a sadder note, we are sorry to announce the death of two amateur radio operators who have been a part of our Mingus Mountain Repeater Group. Joan Tremper (Joanie) AB7KE of Prescott is now a silent key as is former MMRG supporter Richard (Dick) Baum, NS7A.

Joanie had been a member of MMRG since 1998. She was a backup Net Control Station for the MRG Tuesday night net for a while, had been a regular NCS on the 75 meter Arizona Traffic and Emergency Net, and had been an NCS on the 20-meter Alaska Pacific net. She is survived by her husband Charlie, KC7AJM.

Dick Baum had been a supporter of MMRG since 1986 and had been active on the Tuesday night MMRG net. President Bob remembers Dick as the one who correctly answered more trivia questions than most others on the Tuesday night MMRG net, and this was without the aid of the internet. Dick is survived by his wife Florence.

We will long remember these two special MMRG supporters.

73,
Lori, WA7EDI

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The Cochise Amateur Radio Association Presents

The Cochise Hamfest

And 7th Region Communications Exercise

SATURDAY, MAY 2nd 2015

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
NEW FUSION
DIGITAL FT1-DR**



**2nd Prize: Yaesu
FT-60R**



**3rd Prize: Heil
Boom Headset
HLS-PSM**

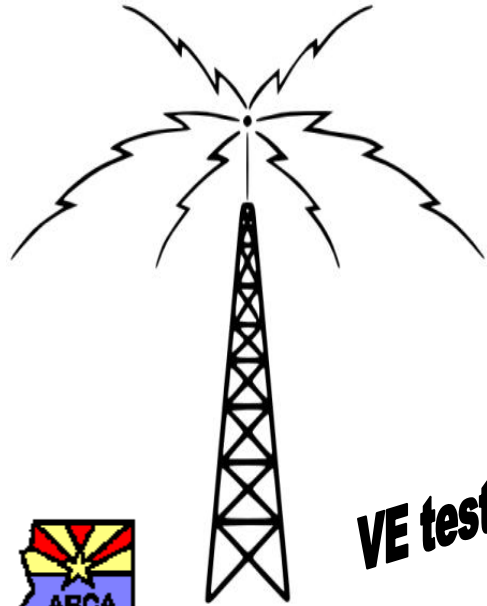
Many other prizes include: Two Wouxun Dual-Banders, Power Pole Crimping Tool, RigRunner 4005, Station Clocks, Coax Tool Kit, Emergency Flashlights, etc.

**CHECK OUT THE COCHISE COUNTY MOBILE COMMUNICATION UNIT
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VISIT US ON THE WEB AT <http://www.k7rdg.org>

For More Info Contact: Kurt/KF7PDF at (520) 254-2411 or kurt@ecomautogroup.com

See You There!!!



VE testing 9AM

JUNE 6, 2015



Contact: K-K
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480-586-6303

Tailgaters
\$5/space

Talk-in frequency
145.31 - pl 110.9

**WHITE MOUNTAIN
HAMFEST
SHOW LOW, AZ
CITY HALL PARKING LOT
180 N. 9TH ST**

Refreshments Available



Overnight RV camping
available after 5:30PM Friday



sanctioned event

Prize Drawings
hourly and GRAND



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

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

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



Sunday, July 26 - Grand Canyon Train Trip

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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

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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 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
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
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Visit the Web Site at <http://www.copahams.com>
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2015 Arizona State Convention



Kingman Hamfest Kingman, Arizona Oct 23rd & 24th, 2015

Mohave County Fairgrounds
2600 Fairgrounds Blvd, Kingman, Arizona

www.kingmanhamfest.com

Check the Website for Additional Information

Vendors & Exhibitors

Tailgating / Swap Meet

License Testing

DXCC Card Checking

Door Prizes

Raffle for Grand Prizes

On-Site RV Camping

\$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

Contact: Bill Smith bill_1021@gmail.com 928-303-9857

Kevin Walsh kd7hve@msn.com 928-514-4237



HARKFEST Tailgate Hamfest

Presented by HARK (Hassayampa Amateur Radio Klub)

Sponsored by RFStuff

Nov. 14, 2015

8 am - Noon

North Ranch Escapees RV Park

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ARRL Card Checking

Free Admission, Free Tailgate Sites (pre-registration required)

Register at n0daj1950@gmail.com

Overnight camping (full hook-up or dry camping) available

(pre-registration required at www.escapees.com/parking/congress)

Tailgating allowed at campsite

LARC (free) VE Testing, 9am in the Club House (Blue Room)

Main Prizes: Grand Prize, Kenwood TM-V71A Dual Band Transceiver

Second Prize, Tram 1480 8ft Dual Band Antenna

(supplied by RFStuff)

Tickets \$1 each, 6 for \$5, 15 for \$10

Drawing at Noon

Door Prizes

Vendors

Talk in on 146.620 (pl. 162.2) or 146.580 (simplex)

Arts & Crafts show(Activity Center) 9 am - 2 pm

Lunch available, served by the "North Ranch Busy Bakers"

(beginning at 10:30 am)