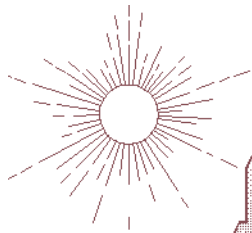


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 40, No 6

June 2015

CLUB MEETINGS SCHEDULE

CARL
TBD
AZ Science Center
10:00 AM

ARDG
Every Wednesday
Phoenix Country Day School
11:10 AM

QCWA
Jun 20th
Canton Dragon
Prescott Valley
12:00 PM

WVARC
Jun 1st
St Clement Catholic Church
Social Hall
7:00 PM

SuperstitionARC
Jun 16th
Mesa Utilities Building
7:00 PM

ARA
Jun 25th
Denny's Restaurant - Tempe
7:30 PM

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

CLUB MEETINGS SCHEDULE

SARC
Jun 3rd
Scottsdale Community College
7:00 PM

AARC
Jun 11th
Red Cross Bldg. - Phx
7:30 PM

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

TBARC
Jun 18th
North Phoenix Campus
Northern Arizona University
7:00 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. 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 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 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.

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.

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

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>.



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 THURSDAY** 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

FROM THE EDITOR'S DESK

Hi all,

ADAW is still growing. This month, we add another new club to the pages of ADAW. MARCA, Inc. has decided to "join the fold" and publish news about the club in ADAW. We are very pleased to have them as part of the "family." Welcome.

For those who did not get a chance to travel to Sierra Vista for the annual Cochise Hamfest, you missed a good one. Though small, the CARA Hamfest always has a lot to offer. There were prizes, tailgaters, food, beverages, testing and a generous amount of camaraderie. Why not plan to check out their next event? They hold a fall swap meet in November also, so give it a try.

June 6th is the annual White Mountain Hamfest in Show Low at Show Low City Hall. A really nice event in the cool pines. There's lots to see and do in the area, so you can make it a weekend get away. Consider it. You won't be sorry.

That's it from me. Lots of news this month. Enjoy!

73,
Chris, N7PVL



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OPRC EDITOR

Ron Kalish N7SPW 520.207.3852

QCWA EDITOR

David Hanson W7BJ 602.615.3444

SARC EDITOR

Ed Nickerson WU7S 480.949.5162

SuperstitionARC EDITOR

TBD

TBARC EDITOR

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WVARC EDITOR

Robert Paul KG7FIL kg7fil@cox.net

4X4HAMEDITOR

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ADAWEMAIL

adawaz@arca-az.org

ADAW WEBSITE

www.adaw.org

License Testing Information

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

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

June Test Sessions

Jun 1st - AARC & WVARC -- 8:00 PM

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

Jun 4th - CARBA -- 7:00 PM

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

Jun 6th - Oro Valley ARC -- 10:30 AM

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

Jun 6th - DeVry ARC & WVARC -- 9:00 AM

DeVry University, 2149 Dunlap Ave, Phoenix
Contact - David Morrill 923.680.5011

Jun 8th - Radio Society of Tucson -- 7:00 PM

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

Jun 10th - 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.

Jun 15th - East Valley VE Team -- 6:00 PM

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

Jun 20th - 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.

Jun 27th - Thunderbird ARC -- 10:00 AM

Jack's Cabin, 6850 Orange Box Dr, Flagstaff
Contact - James Skinnell 602.826.1949

Hanging Out on the HF Bands

I like hanging out on the HF bands. Sunspots are still pretty active and unless Ole Sol acts up with a flair or whatnot, the HF bands are still in pretty good shape. Mornings on 10 - 15 - 20 are usually good for Europe and an occasional Russian or Ukraine station. You can hear some rare ones like Guernsey, off the English coast or the guy with the big new antenna on Crete in the Mediterranean. It's always fun searching for a rare or new one.

Afternoons and early evenings bring the Japanese, south Pacific and Australia and New Zealand stations on the bands along with Asiatic Russia and an occasional mainland China station (those are exciting).

There is this Italian station on 40 meters that must be running a zillion watts as he is S-9+ most evenings calling the US.

The DX spotting web sites (one is www.dxwatch.com) are always a big help for me in finding the right frequency or the right band and letting you know who is on.

Contesting has become a favorite of mine, not so much because I want to run up a big score but because there are so many stations on and picking up a new country or renewing acquaintances with a radio friend on the other side of the world. is much easier. Those contacts are usually short but not always.

I well remember a wonderful 30 minute rag chew with a fellow in New Zealand who lived on a high bluff on the South Island near the town of Christchurch. I looked him up on QRZ while we were talking and got to ask questions about his house, antenna and equipment while looking at the pictures of them that he had posted.

Sometimes when you listen, it seems that hardly anyone is on. But often, these days the propagation is good, but no one is calling because they don't hear anyone. You might try a CQ or five and see who responds.

If you have an antenna that is suitable (towers are nice but not required) or just want to listen some, tune to the HF bands and search around some. I think you will be pleasantly surprised at what you find. I definitely recommend it.

Richard W7MDQ

ADAW

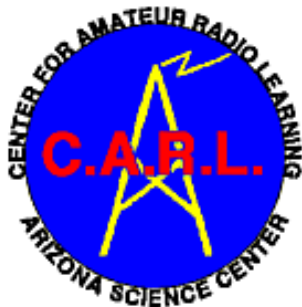
Test Sessions Continued from Previous Column

Jun 27th - Arizona ARC -- 7:00 PM

Location Pending - Call for Location and Directions
Contact - Gary Hamman 602.996.8148

No Walk-Ins - Pre-Registration Required by Friday Night

Continued Next Column



The W7ASC Experience

HAMS – YES, YOU! - are good communicators – with other Hams. Consider the time that you spend on air, at meetings and at Hamfests. Breakfasts and other food events, such as picnics, are attended by other Hams. Whether it is a Net, a QSO or a contact via psk31, the operator on the other end is almost always a Ham. So, while you spend a lot of time talking about Ham radio that is almost always within the chorus of licensees. There is nothing wrong there, but there are actually a lot of people who never hear about Ham radio.

One exception is W7ASC, located at the Arizona Science Center, operated by Ham volunteers. There are a few other similar stations around the country, but W7ASC is, so far as we know, the only one like it in Arizona. The C.A.R.L. Organization celebrates 20 years of public operation this year (see the CARL certificate attached).

Volunteers at the station spend most of their shifts speaking to non-Hams. These volunteers need to avoid using the jargon that is the normal Ham-speak, as the visiting public has no idea what it is that they are hearing. The average visitor spends about ten minutes in the Shack. The Volunteer wants to use this time to create a lasting, pleasant, and accurate impression about Ham radio with that visitor.

That can be a challenge when the visitor arrives with misinformation. It is not unusual for a parent to introduce a child to the station with some statement that is clearly in error. “Look, Johnny! This is Morse code that is a secret way of sending messages” or “Ayup! Here is a typical CB station.”

Some people get closer to the facts, but almost all think of Ham radio as an obsolete activity. Few know that Ham operators are licensed and regulated. Even fewer have any idea of the public service that is provided by Hams and that there are no taxpayer funds involved. Volunteers, who have spent some time at the station, come to understand that Hams have done a poor job of informing the non-Ham public about the important Public Service that is being performed for them.

The Volunteer corps at W7ASC has a very large challenge. Those volunteers are only a small percent of the Ham population. The non-Ham visitors to the station are, in turn, only a small percentage of the general population. Is it any wonder that our HOA’s, and legislators, view Ham radio as a nuisance? Where would they hear otherwise? The general impression seems to be that a Ham is an oddball with no redeeming characteristics or qualities. When an attorney for the HOA management companies advises the City council that relaxing the antenna rules would result in 200 foot towers sprouting in every Ham backyard, Council members are inclined to accept that as highly probable. Ham radio – who needs it?

Continued Next Column

CARL Continued from Previous Column

What is the message here? Devote some of your time to spreading the good word about the value of Ham radio. Speak up, and not just to other Hams. If you cannot volunteer at W7ASC, give talks and demonstrations wherever, and whenever, you find the opportunity. When your club has an Event, invite your neighbors and friends. Get help, if needed. Find the Science teacher at the local school and offer a short demonstration and talk. If you can hit a repeater, the volunteers at W7ASC will usually be glad to cooperate on-air, possible with Science Center visitors.

Be creative, be outgoing and work at it. Our privileges did not arrive through the pages of the Scriptures. Consider being a missionary, and think it to be a part of your Public Service obligation to inform the general public about the benefits that they derive from Ham radio. Even if you cannot, or will not, volunteer at W7ASC, take the time to visit and bring friends and family. The volunteers at W7ASC are actually doing a job for you. Show them some support!

In other news The Arizona Science Center held its annual Volunteer Appreciation event May 2. This year it was a breakfast, a presentation ceremony and a visit to the Planetarium. Just another fringe benefit from Volunteering.

The Center for Amateur Radio Learning celebrates its 20th anniversary in June 2015. We still have a couple of old timers that volunteer!

An author in our midst: Steve Warford, WB4ZSC, a veteran W7ASC Volunteer, wrote a Ham radio article and submitted it to QST. He has been informed that the article has been accepted for publication. Since QST reserves the right to do some editing prior to publication, we cannot be sure about the title that will appear in some future QST. When/if we receive more details, they will be included in a future newsletter.

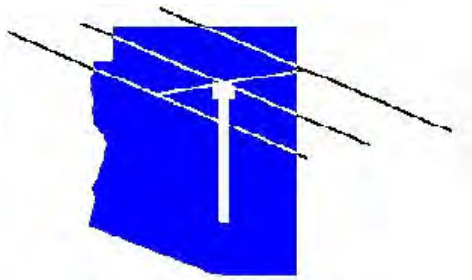
And last, but not least, FIELD-DAY is On The Way at the end of June.

Want to volunteer at W7ASC? Call Bob KG7QJ 480-961-1109, kg7qj@cox.net or drop into 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			
		7311 E. STETSON DRIVE SCOTTSDALE, ARIZONA 85251	
		RAYMOND J. CARLI, P.E. ELECTRICAL ENGINEER W7GNE	
		(480) 941-8810 (OFF) (480) 945-7020 (FAX)	
If anyone is considering a major radio shack, workshop, addition or going into business for yourself, I am offering professional Electrical, Mechanical and Plumbing Engineering services to radio club members at a 20% discount for residential property, and 10% discount for commercial property. Talking is always free.			



MARCA INC.

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

W7mot.org is having some enhancements. The Home page is for announcements, meetings, repeater status, and hamfests. "Calendar" is a calendar, functional. "Repeaters" has a Listing and Map page. "Contact Us" is still hidden under "About Us." "Contact Us" to know who's who and to send email, click on name. "Library" has a large assortment of information. Library organization can be a nightmare. Check it out.

We're venturing into the Fusion fever even though it's early on the maturity curve. The introductory \$500 DR-1X was attractive. We have a repeater in need of major work. So we'll swap in a DR-1X at the Hayden GD, Scottsdale site. The final assembly is on the air at our test location with a limited coverage area. The plan is to be in regular service at the Scottsdale GD site by late June.

Speaking of June, the last weekend of the month is the annual ARRL Field Day contest. Field Day may be about emergency communications. It also means getting out of the summer heat of the Phoenix Valley and into the cool pines of RIM country. Our spot is just east of Forest Lakes and south of Black Canyon Lake at the Gentry Fire Tower group camp site. Our Field Day is open to all and all are welcome to attend. So who attends? Obviously members, then family, kids, grand kids, friends, neighbors, and guests. All visitors and guests, with or without a license, are welcome to operate any of the contesting stations or the GOTA station to experience the thrill.

Field Day may appear to be a "Zoo" of radio geeks in mass unorganized confusion running around in the woods. In reality, it's a symphony. Within the first 24 hrs a functional emergency communications center is built. The next 24 hrs, we demonstrate communication skills and compete in the ARRL Field Day contest by exchanging more QSOs than everyone else.

We enter as a class "2A" club, that's two primary radio stations powered by batteries & charged by solar. Two other stations are built & operated, a 6-Meter and satellite station. That makes four.

A fifth GOTA station (Get On The Air) is set up for guests & visitors to learn about ham radio,

Continued Next Column



No Report Received

MARCA Continued from Previous Column

get their hands on operate a radio, call CQ and complete a QSOs. No worries doing something stupid or embarrassing, an experience ham is available to answer questions and guide you successfully through Getting On The Air.

Saturday, 11:00 A.M., the contest begins and the air waves are filled with QRM and "CQ Contest" and continues on till Sunday morning 11:00 A.M. when it abruptly ends and our ears only hear a roaring drone of . . . silence.

Check out our website. There will be a Field Day button on the menu for more information. If you would like to attend the entire event, or would like more information, there is an email link in all website articles to contact our Field Day coordinator, Don Aldridge, WA7RLL.

Norm Johnson, AA7OO
Secretary MARCA
ADAW MARCA Editor

ADAW

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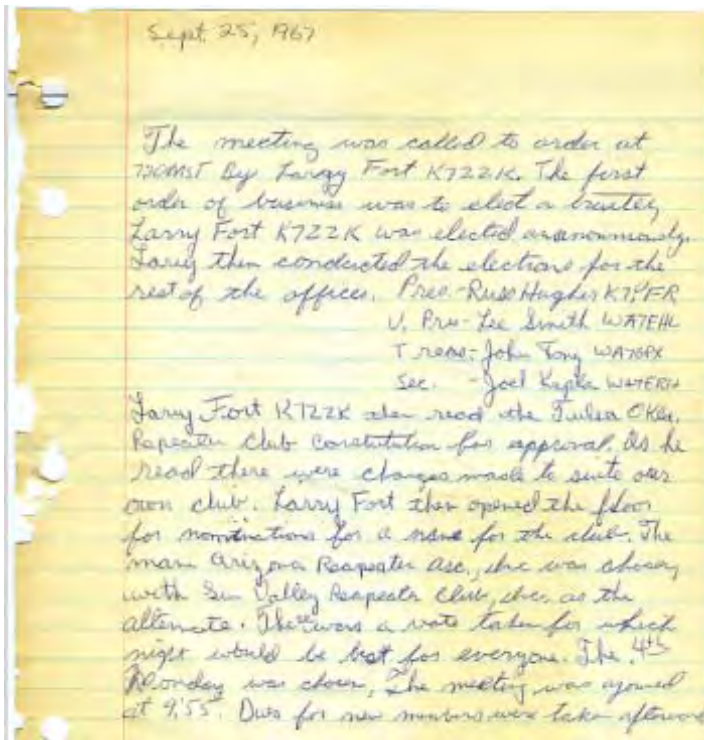
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The FCC/ARRL report stated that there are record numbers of hams, 729,624 licenses in the USA with 18,523 of those located in Arizona. I was able to help add one more to the ranks in early April. Paul KE7HR, James N7ELL, and I administered Element 2 to a young prospect that has difficulty reading. With his parents and brother banished to another room, we sat around the kitchen table reading him the test questions. I was excited and nervous for him as he selected mostly right, but a few wrong answers. I wanted to yell out “Hertz” when he answered the unit of measure for frequency is “Henry.” We scored the test and he passed! This was a very rewarding experience and I was glad I was able to be there to help.

For the last several weeks, every time I go out in my garage, I trip over this big pile of equipment that Lance KW7LH and Cole AA7RD sent my way. Radios, filters, racks, shelving, and cables all destined for the mountaintop. The ARA is adding a site on Mingus Mountain to expand Rimlink and Metrolink along I-17 and coverage for Prescott, Cottonwood, and Sedona. Mike KF7MBK came over the other night and we were working on getting everything assembled for testing when my son came out to help. He’s 3 1/2 years old and I’m very proud to see him taking an interest in amateur radio.

It is an honor to be the president of the Arizona Repeater Association. The organization has a rich history that goes back more than 40 years before I earned my Technician license. I’ve spent some time recently sorting through the boxes of files and old Squelch Tail publications. I hope to scan and share some of those with you in the future. Packed away in boxes, I’ve unearthed the very first board meeting minutes from September 1967. After the board and officer selection took place, the vote was cast to name the organization Arizona Repeater Association, Inc. rather than Sun Valley Radio Club, Inc. Next to the minutes was the Certificate of Incorporation from the state of Arizona.



September. 25, 1967 Minutes.



Evan, K7VZ, and KF7MBK.

Ham radio has changed over the years and will continue to change in the future. With the end of a net, it’s easy to get caught up with the group of people repeating the “ham radio is dead” mantra. The hobby may be decreasing in certain areas, but growing in others. I’d like to challenge you to do something about it in the next month. Get up, get out, and take action. Go to a club meeting, attend a hamfest, Elmer a new ham on the local repeater, learn Morse code, get out for ARRL Field Day, build a new antenna, and HAVE FUN!

One of the reasons I love ham radio is because it’s a hobby that can be what you make of it. My learning and experience didn’t stop as soon as I had passed the tests. I plan to keep amateur radio alive for many more years. Do you?

Virgil, K7VZ
ARA President

At the April board meeting, Dennis KE7EJF announced that the Monday Night Swap Net on the CalZona system would be discontinued soon. This was sad news to see it end, but with internet sites such as eBay and Craig’s List, selling equipment via a swap net has become a dwindling activity. In many recent weeks, the net has had none or at most, 1-2 listings. I tuned in on April 6 to hear an impressive swap net. After net control announced the planned end of the net in the future weeks, he collected several listings before pausing to query to see how many stations were listening. The net that night ended with 41 stations checking in and 15 listings. Overall, it was too little, too late and the Monday Night Swap Net was terminated after the April 27th net.



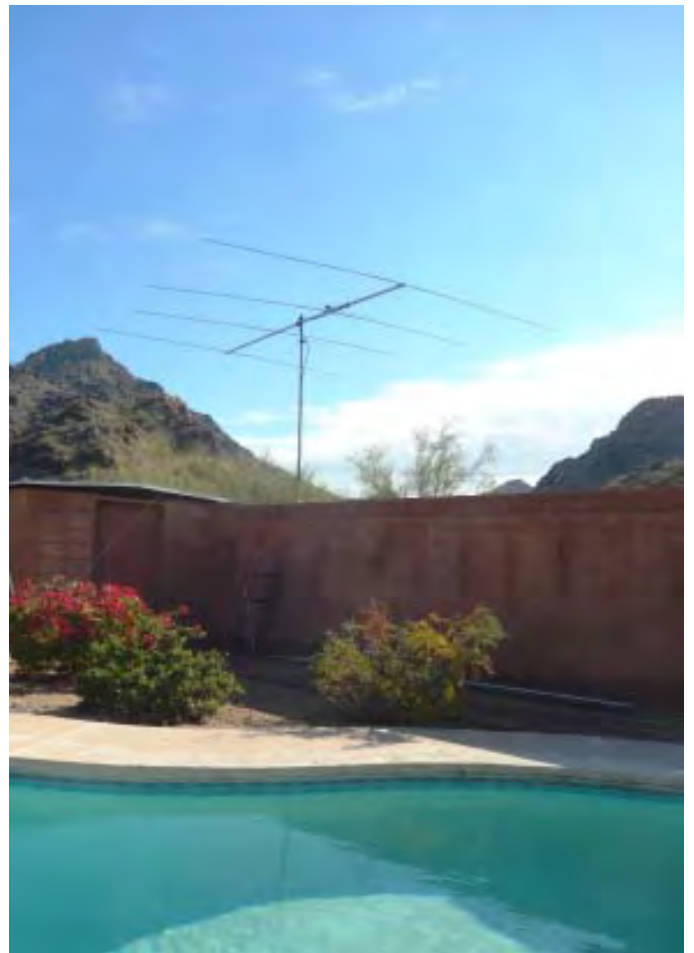


The new Red Cross Building

This has been a busy month for the Arizona Amateur Radio Club, an enjoyably busy month! And at this very moment, we are temporarily homeless! As you undoubtedly remember, for quite a while our meetings, field days, and VE test sessions have been held at the American Red Cross Building on I-17 just north of Bethany Home. But on April 25th, the AARC took down the antennas from the roof of that building, packed up the emergency radio equipment from the EOC, and literally packed up everything that could be packed before the doors were locked, to be opened only by the movers. Several options await a final decision, but it appears that our new location will be in northeast Phoenix. The new location for the American Red Cross is a building at 4747 N. 22nd Street. The AARC may be meeting there if there is room for us in the facility, but our May 14 meeting, the first meeting since we became homeless, will be at the New World School on 7th Street just south of Bethany Home Road, where one of our members is on the staff. That meeting will be followed by a visit to the new Red Cross location to determine whether we can continue to meet at their facility.

Our Thursday 2-meter net has been very active these past few weeks. It originally began with a very small group, but it has grown to about thirteen or fourteen check-ins, and it has become an asset to have this chance to communicate with fellow members between meetings. The Echolink connection has been helpful since several of our members are out of range of W7UXZ's repeater at 147.060, which we use for the net. George, KQ7C, manages the Echolink connection, and although it is not always flawless in operation it has been increasingly reliable. Our thanks to George for his efforts with Echolink. Feel free to join us on the net which meets at 7:30 P.M. every Thursday except our club meeting night, the second Thursday of the month. No PL is needed to get on the repeater.

The AARC is not alone in taking down and putting up antennas. My very own backyard has just experienced a drastic change. A few days ago, there were pieces of a 10-meter beam on the ground, a generous gift from N7PVL and N7KKQ, along with a rotator. Now, thanks to hard-working DL1UF, K7GH, and W7ISG, that yagi has improved the skyline with its background of Squaw Peak (Piestewa, that is), and it is ready to help me fill my log with the 43 ten-meter countries I still need for my DXCC award. I was told that I will be amazed at the increased performance this will provide over the 10-meter vertical which earned me contacts with 57 different countries. Those who told me that were wrong. I won't be at all amazed. I'm EXPECTING great things from that rotatable beam once the ten-meter band opens!! Look for a report in the near future.



Piestewa Peak - oh, and Lori's new antenna!

ADAW



WB7E

PACKING UP TO MOVE AT THE AMERICAN RED CROSS BUILDING



**AN ALMOST EMPTY
RADIO ROOM**



MOST OF THE WORK GROUP



K6JWA



K7GH and N7KKQ



**WHOSE FACE IS
THIS?**

**THAT'S JOHN
ADAMS, K6JWA**



It was May 9, 2015, and something BIG was going on at 171 Caliche Drive AGAIN!! Was it a picnic? Was it a meeting? A potluck? A gathering of friends? A technical conference? YES. All of the above. It was the annual gathering of the Mingus Mountain Repeater Group.

Once again Bob and Linda Sitterley opened their home to the MMRG group for the event we all anticipate for its food, its fellowship, its food, its exchange of ham radio information, and yes, its food. Of course the food was excellent. The best cooks in Arizona contributed to the varied menu. K7POF and W7POF, besides being gracious hosts, recruited daughters and a very helpful son-in-law to do many of the jobs along with helping to organize. The excellent planning makes this event very special. The bratwurst, burgers, and hot dogs were perfect and supplied by the MMRG, and of course, the popcorn was once again supplied by Tomy, KF7GC, and his xyl Debbie. Several people camped out in their RV's.

The meeting provided a chance for all to catch up on the MMRG status. The MMRG now has 114 members. We welcome five new members: John D. McArthur, KB2WPH; Vincent Carr, KF7OTB; Peter K. Nigh, K7PKN; Earl Woody, KD7ZXU; and Harry Ober, NQ7G. The technical committee reports that the Mingus repeater is working well, and plans are underway for a cleanup session at the site in the near future. Five members each received a year's membership as a result of the drawings. Ralph Gendron W7HAM, and his XYL, Sharon, W7PAY, were the lucky winners of the 50/50 drawing, resulting in the amount of \$48 in cash which they graciously donated to the MMRG antenna fund. Our thanks to the POF's for all their efforts in putting this very large and successful event together.

I invite all readers to email me with any comments, and I certainly will accept your written contributions to this column regarding the Mingus Mountain repeaters and the MMRG group which supports it. My email address is: cripps@cybertrails.com.

73,
Lori Cripps, WA7EDI

ADAW



Amateur Radio Development Group

Hi all,

After a very long and arduous school year for all of our members, school started winding down and we began to be able to work on our radios again. We initially started by establishing a basic VHF station in a room that had been given to us by the school. We also worked on repairing a broken rotator controller.

Then, we learned that we would not be able to have a room for the next year. Right now, we are working on finding a new room to house our shack. In addition, we are working on setting a class to help teach at the middle schoolers at our school about ham radio and electrical engineering.

Hopefully, we'll have everything up and running for the next school year and we can help spread the knowledge of ham radio to even more people.

73,
Benjamin Lee, K7JS

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.

ADAW



A Sign at Bob, K7POF & Linda W7POF's Cabin.

The MMRG Annual Picnic/Potluck



The Welcoming Committee



Bob, K7POF at his computer



Gary Hamman, K7GH take a look at the Ham Shack



Grilling the delicious bratwurst.



Food!! A table full of delicacies!



Joe, W0SLL and Verdame KF7UJB Cutitta chow down.

Event Calendar



CHAPTER 16

BARRY M. GOLDWATER ARIZONA CHAPTER

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.

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. 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) or Kevin Walsh at 928.514.4237 (email 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 for more details.

The next meeting of the Barry M Goldwater, Arizona Chapter, of the Quarter Century Wireless Association will be held on June 20, 2015 at the Canton Dragon restaurant in Prescott Valley. This is a new location. Check the website for a map.

Social time will begin at 11:00 A.M. with lunch at 11:30 A.M. and the meeting at 12:00 Noon. Lunch ordering will be from the menu with individual checks.

The program for the meeting will be "VooDoo Contest Group - The Saga Continues" presented by Bud Semon, N7CW. In addition to covering his participation in the 2014 CQ Worldwide CW contest, the setup and operation of the 9K2HN contest station, Bud will show some of the countryside, cultural aspects, and traditions of Kuwait.

We look forward to seeing you (and your guest) at the meeting. Please let us know if you can make it so we'll know how many to expect. You can email Dave at azQCWA@gmail.com or call 602.615.3444.

ADAW

Calendar Continued from Previous Column

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.

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 for all the details.

Continued Next Column

ADAW

SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

We have all been enjoying the below normal temperatures and a few sprinkles the weather man has given us lately. We know it can't last and the triple digits are in the forecast for June and beyond. It is time to start planning for those out-of-town excursions to the high country or vacation trips to just about any place else where the steering wheel on the car does not melt. Of course, some of you people out there really love the high, dry heat but most of the rest of us not so much. We work indoors with air conditioning. The car is air-conditioned and the stores we shop at all have AC so we can tolerate the heat.

June brings the biggest ham event for the year in Field Day. It is our great outdoor adventure where we can operate our radio equipment in the field under emergency conditions. We put up temporary antennas and make as many contacts as possible with generator power. It takes a good crew to put up everything and then take it all down at the end of the event. Many of us have been to dozens of field days. The club has held this event in many locations from in-town school grounds to the cool pines in the high country. This is a great time to socialize with other club members and enjoy some inspirational cooking. Nobody has gotten sick yet. For the new club members, it is a good time to see how we operate and to get right in there and make those contacts. The HF bands are usually full of stations so the search and pounce method is fun. Our CW stations usually like to pick a spot and let other stations respond to their QRZ. Either way, it is a blast. The club board of directors is working on this year's location for the event but at this time I don't have that information. As soon as it becomes available, it will appear on our web site so check it out. scottsdalearc.org

For those of you that missed the May general club meeting, you missed a terrific program by Paul Jorgenson, KE7HR. He participated in the record setting Trans Pacific Balloon trip. Paul worked with a small group of dedicated balloonists, engineers and field workers to make this possible. He analyzed and organized the electronic equipment necessary for communication, navigation, data transfer and the power for each. The equipment and two balloonists had to fit into a very small capsule. He traveled to Japan for this effort and to New Mexico for the flight. The Two Eagles Balloon set new records beating out a 1978 record for 137 hours aloft and a 1981 record for 5,209 miles traveled. They were aloft for 6 days, 16 hours and 38 minutes. That is 160 hours 38 minutes. They traveled 6,646 miles landing just offshore at Baja California. The capsule was picked up by a Mexican fishing boat. There was only one minor injury. The equipment Paul installed worked exceptionally well. The balloonists and the ground personnel at mission control knew where they were every foot of the way. Great program Paul.

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

Continued Next Column



Club Repeaters: 147.12/449.600

No Report Received

SARC Continued from Previous Column

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.



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.



Emergency Communications Since 1961

SHORT SKIP

Emergency Preparedness Net

We had a meeting at Lou's Tivoli Gardens and we had 14 members at the tables, there was a lot of thoughts, debates, and discussions, groups had splintered off to the ends of the table and the middle, the biggest consensus was we need to gather at a meeting room, and also to have something to the effect as a field day event to develop guide lines. I have been gathering information on a meeting room possibly at Boswell but that's in flux.

73, Bob KG7FIL

New Club Members

Norm Hanson W0HI
Michael Farler KG6HEE
Robert Nicewicz KG7ETY
John Sheehan
Ruth Sheehan
Richard Holt

ADAW

Real Estate

*Are you or someone you know looking for a Ham Home?
I can help you find a home with a tower or one where a
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*Richard Haworth W7MDQ
Coldwell Banker Residential Brokerage
602-370-1450 Cell, rahaworth@cox.net*

Club Test Sessions

West Valley ARC License Exams

Thirteen candidates took an exam at the May 4th session with nine Technician Class, one General Class, and one Extra Class licenses earned. Unfortunately two candidates failed the Technician test.

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

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

For more information, please call Joe Cutitta W0SLL at 623.337.0040 or 623.215.2226.

DeVry University Test Sessions

The next exam session is Saturday, June 6th, 2015. Exams start at 9:00 AM and all tests must be concluded by 11:00 AM.

Eight candidates were examined at the May 2nd session at DeVry with five Technician Class and two General Class licenses being earned. One candidate failed the Technician test.

Administering VEs were:

David Morrill N7TWT Liaison, Bill Martin AI0D, Robert Miner KA7NPQ, Daniel Ford K2LH, Mike Richards KI7S, Robert Gormley KS7U, Josh Montano, WX7JM, Arthur Swander, AD7EM and Joe W0SLL 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

Need Computer Help?

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1-888-922-9295 or 602-863-0502*

Contest Corner

The contest Winter/Spring contest season is getting a little lean now. I'm currently hoping my Omni 7 will be back in time to operate in the CQ WW WPX cw Contest (the radio's cooling fan failed in a rtty contest and I think I blew the final transistors - it is in the Ten Tec hospital in TN). WPX is a worldwide contest where a multiplier is any contact with a unique prefix, e.g. N9 or WA7, worked the on any band. The contest generates lots of activity even just working US stations. 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)

- 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
- June 30 Fri. 5:00 PM - July 1 Sat. 5:00 PM - RAC Canada Day, ssb & cw
- July 11 Sat. 5:00 AM - July 12 Sun. 5:00 AM - IARU HF World Championship, ssb & cw
- July 18 Sat. 11:00 AM - July 18 Sat. 11:00 PM - North American QSO Party, rtty

Good contesting to all, John, N9NA

Detail 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 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



Old Pueblo Radio Club INTERMOD

President's Column

Hi.

We had a short meeting Wednesday, May 13, but most of our regulars have flown the coop for the summer. Our next meeting will be the Second Wednesday in September. Have a great summer.

Ron, 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



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It's getting closer to Field Day, and TBARC is an enthusiastic participant! Once again one of our past presidents, Jack KD7RCJ, has offered to host us at his cabin in Flagstaff. Jack can accommodate trailers, tents and even sleeping bags in the cabin loft. We'll start on Friday, June 26 with set up, and go on the air Saturday, June 27 at 11:00 local time. All are welcome to attend - see the club website for details and directions. Sign up deadline is June 18. Club members will also get a few emails giving more particulars. We hope to see you there!

As part of our preparation for Field Day, we took part in the 7th Call Area QSO Party on May 2-3. Were you one of the intrepid members who braved the unusually warm weather to hone your skills at search and pounce or working a pileup? Thanks to Chris K6OZY for organizing the outing.

We're buying cable again this Field Day. It's cheaper to buy by the spool, and we're offering the excess at below market cost to any members in good standing on a first-come, first-served basis. If you're interested in LMR400-UF, get in touch with Gary WK7B by email and let him know how much you'd like.

Gary WK7B's Technician class course has finished for this season. I haven't heard the numbers yet, but it sounds like things went well and I'd like to welcome all the new hams to the hobby. Come join us at our next meeting, and see what all the fuss is about!

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.. For June, we'll see Mike NR5O present "Operating on the 660m and 2200m Bands." What kind of challenges crop up when you're operating below the AM broadcast band? Here's a way to find out without having to build your own kilometre-long half-wave dipole!

Andrew Cornwall, KF7CCC
kf7ccc@arrl.net



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.



Want Ads

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

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Magnolia between
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oakland@hamradio.com

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Jerry, N5MCJ, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

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sunnyvale@hamradio.com

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Ken, N2OHD, Mgr.
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delaware@hamradio.com

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Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

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(800) 444-9476
John W0JG, Mgr.
denver@hamradio.com

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(800) 559-7388
Gary, N7GJ, Mgr.
Corner of 43rd Ave. & Peoria
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
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(800) 444-7927
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Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBRIIDGE, VA
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14803 Build America Dr.
22191
(703) 643-1063
(800) 444-4799
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
virginia@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
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Dave, N1EDU, Mgr.
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The radio



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

Call Now For Pricing!



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+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



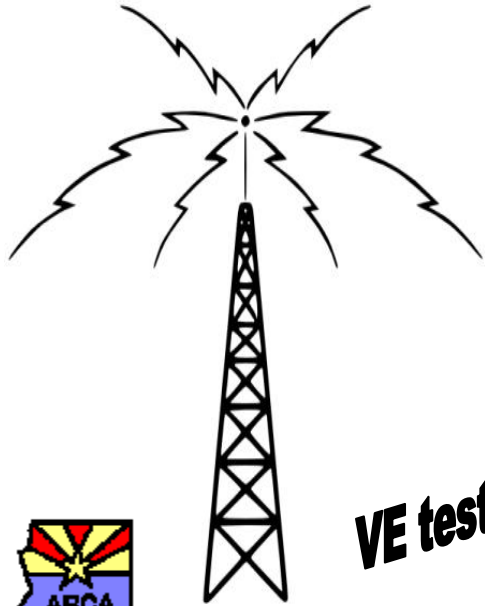
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VE testing 9AM

JUNE 6, 2015



Contact: K-K
kb9si@yahoo.com
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

RAFFLE TICKETS

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

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



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



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 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
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 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

30625 S. HWY 89, Congress, AZ 85332

(GPS 34 06.292 112 49.880) MM 263.8

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)



Superstition SuperFest 2015

December 5th, 2015 - 7:00 AM - 2:00 PM
Mesa Community College
1833 W. Southern Ave, Mesa, AZ 85202



Grand Prize Raffle

- First Prize - Icom IC-7100 HF/6m/2m/70!
 - Second Prize - Kenwood TM-V71A!
 - Third Prize - CS-750 DMR/UHF HT!
 - Fourth Prize- Diamond X50A UHF/VHF base antennal
 - Tickets - \$2.00 each - 3 for \$5.00
 - Presale of Tickets online @ http://www.superstitutionsuperfest.org/sarc_tickets.html
- ** You Need Not Be Present To Win ****

Hourly Prize Raffle

- Tickets \$1.00 Each / 6 For \$5.00
 - Only Available At our SuperFest Event.
- ** You Must Be Present To Win ****

Talk In Frequencies

- 147.12 +162.2Hz
- 449.60 -100Hz
- KB7KWK-L Echolink

Activities

- VE Testing - \$15.00 Fee, Registration 8:00 - 9:00, Testing begins @ 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 @ 480-242-8605
- ARRL Card Checking Available
- Special Events Station - K7AK7A Commemorating The USS Arizona
- Gota Station - Make Contacts Around The World With An Experienced Extra Class Operator
- Fox Hunts
- Food and Drinks Available

Tailgaters/Commercial Vendors

- Tailgate - \$10.00 per space and includes 2 paid admissions, can start setting up at 5:00 am Saturday morning.
- Commercial Vendors - Start setting up at 6:00 pm Friday evening. Contact our SuperFest Chairman @ chairman@superstitutionsuperfest.org for more information.

Event Admission

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