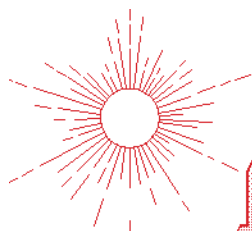


ADAW
4529 W. Park Place
Glendale, AZ 85306-1512



Happy Holidays



ADAW

Arizona Desert Aire Waves

Vol 39, No 12

December 2014

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 Dec 3rd Scottsdale Community College 7:00 PM	AARC Dec 11th Red Cross Bldg. - Phx 7:30 PM
OPRC Dec 10th Marshall Conference Ctr at Tucson Medical Ctr 7:15 PM	TBARC Dec 18th Thunderbird School of Global Mgmt 7:00 PM
CARL TBD AZ Science Center 10:00 AM	ARDG Every Wednesday Phoenix Country Day School 11:10 AM
QCWA Dec 6th Horny Toad Restaurant Carefree 12:00 PM	WVARC Dec 1st St Clement Catholic Church Social Hall 7:00 PM
SuperstitionARC Dec 16th Mesa Utilities Building 7:00 PM	

ADAW MEMBER CLUBS

ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:30 p.m. 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	George Cooney	KQ7C	602.274.6212
Secretary	Rosemary Kydd	N7LPN	623.980.7282
Treasurer	Bob Hodges	K7JTT	480.802.1158
Activities Mgr	Joe Cutitta	W0SLI	623.215.2226
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 Burlison	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 Burlison, 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 147.78/1.18 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.

QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 16 - BARRY M GOLDWATER ARIZONA CHAPTER

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

DUES: \$7.00/year and current national QCWA membership. Web Site: <http://azqcwa.org> Email: W7BJ@outlook.com

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

ADAW MEMBER CLUBS

THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at Thunderbird School of Global Management located near 59th Ave. and West Greenway Rd. (Enter at the light at Country Gables and 59th Ave. The meeting is held in Building 107, Lecture Hall 54. Map may be found on the web site at www.w7tbc.org.)

President	Gary Duffield	WK7B	602.843.7724
Vice President	Chris Johnson	K6OZY	623.866.2777
Secretary	Jack York	KE7VOU	602.318.7530
Treasurer	Warren Gaspar	NU7R	602.796.6319
Directors:	Andrew Cornwall	KF7CCC	
	Bryan Stembridge	N7BES	
	Rick Tejera	K7TEJ	
	Jim Moore	WB7ENX	
Past President	Walt Reinert	N7GDP	602.938.8219

For further information about the ThunderBird Amateur Radio Club, send an e-mail to: info@w7tbc.org or call 602.938.8219.

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.

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, Cun City. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. A weekly breakfast is held on Thursdays at Lou's Trivoli Gardens, 12535 W Bell Rd., at 7:00 AM.

President	Ken Peloquin	N7PHO	623.980.7282
Vice President	Ted Walker	KB5OF	623.910.9275
Secretary			
Treasurer	John Siepman	N9NA	623.544.5295
Membership	Roger Thacker	KD0MD	623.974.1516
Club Directors:	Rosemary Kydd	N7PLN	623.980.7282
	Robert Fairfield	K7RQN	623.566.2320
	Joe Cutitta	W0SLI	623.215.2226
	Ken Jenkins	WB6MMV	623.584.9113

WVARC, P O Box 1573, Sun City, AZ 85372-1573. DUES: \$15.00/YR for family residing at the same address. MEMBERSHIP YEAR - January - December. Web Site: <http://www.westvalleyarc.org>.



SUPERSTITION AMATEUR RADIO CLUB

The Superstition Amateur Radio Club (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 (about 0.3 miles North of University Drive, on the west side of the road). Board meetings are held at 6:30 on the second Tuesday of each month (except December) at Black Bear Diner at 1809 E. Baseline Rd., Gilbert (just West of Gilbert Rd). The club also 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 Net featuring US History trivia on Thursday nights at 8:30 p.m. on 147.12/449.600

President	Steve Estes	KB7KWK
Vice President	Steve Bowen	N7CPU
Secretary	Larry Kuck	WB7C
Treasurer	Douglas Mitchell	W7ADD
Club Directors:	Bill Cawthorne	KF7SZT
	Paul Estes	AD7PD
	Ed Taggard	K7EDT
	Jeff Machesky	K7ZLX
	Jeff Heinze	N7CCW
	Alan Perysian	KD7TOM
	J.D. Smaylis	KF7VOX

Superstition ARC, 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.



ADAW STAFF

PUBLISHER/EDITOR

Christine Kesauer N7PVL 602.843.0960

AARC EDITOR

Lori Cripps WA7EDI 602.955.7517

SARC EDITOR

Ed Nickerson WU7S 480.949.5162

CARL EDITOR

Jean Jolkovski W4CIH 480.664.7353

OPRC EDITOR

Ron Kalish N7SPW 520.207.3852

QCWA EDITOR

Robert McCuskey W7BV mccuskey@email.arizona.edu

TBARC EDITOR

Jim Moore WB7ENX

ARDG EDITOR

Daniel Bashir KG7GDL daniel.bashir@pcds.org

WVARC EDITOR

Robert Paul KG7FIL kg7fil@cox.net

SuperstitionARC EDITOR

Sherry Petersen 480.650.6578

DISTRIBUTION

Mark Kesauer N7KKQ 602.843.0960

ADAW EMAIL

adawaz@arca-az.org

ADAW WEB SITE

www.adaw.org

FROM THE EDITOR'S DESK

Merry Christmas everyone! Or to be politically correct, Happy Holidays. Hope this holiday season brings you joy and happiness.

Visited the new hamfest in Congress in November. The event was small, but a good start for a new event. There were about 20 vendors/tailgaters per the last report received and a fairly good crowd. The location is great, with room to expand and full hook-up camping available. The residents of the park held a craft fair in the community center and hosted a delicious lunch for a remarkably good price. All in all, it was really nice . . . and fun, too!

Next event in Arizona is the Superstition SuperFest on December 6. The event is back at Mesa Community College just off the Superstition Freeway at Dobson Road (the northeast corner). Admission is \$5 and includes a bottle of water and raffle ticket. This is the last hamfest before Christmas (and of the year), so plan on doing attending and doing some holiday shopping. It's always well attended.

The first hamfest of 2015 will be in the north valley at the Northwest Community Church on 43rd Avenue just south of Bell Road. The Thunderbird Amateur Radio Club will be hosting the event and it promises to be bigger and better. It's a great place to pick up that odd or end for the new toys Santa left or the ones he forgot. Admission is \$2 per person.

Check the Event Calendar for more details on these two events and the rest of the events scheduled for 2015. Mark your calendars and plan to attend.

May everyone have a truly joyful holiday season and a safe, healthy New Year.

73,
Chris, N7PVL



ADAW



CHAPTER 16 BARRYM.GOLDWATERARIZONA CHAPTER

The Arizona Chapter QCWA held its Fall meeting at Monti's LaCasa Vieja in Tempe AZ on October 4, 2014. W7BV Bob McCuskey gave a presentation of his amateur radio history from 1953 to present. The newly elected officers of the chapter were officially certified by a vote of those present and installed to their new positions. The new officer's duties became effective immediately, and they began their duties by convening their first board meeting.

The new officers are as follows:

President - Tom Fagan K7DF Tucson

Vice-President - Ray Tyrrell N6MY Prescott Valley

Secretary-Treasurer - Dave Hanson W7BJ Prescott

The Holiday QCWA luncheon meeting will be held at the Horny Toad Restaurant located at 6738 E Cave Creek Road in Cave Creek on Saturday, December 6, 2014. A social hour will begin at 11:00 A.M. with lunch at 12:00 noon. More information is available on the web site, www.azqcwa.org. Click on the "Newsletters" page.

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



*Left to Right -- VicePresident Ray Tyrrell, N6MY -
Secy/Treas Dave Hanson, W7BJ - President Tom
Fagan, K7DF - Ex Secy/Treas Bob McCuskey, W7BV -
ExPresident Doug Besemer, KOVPL*

ADAW

SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

The past month has seen a lot of activity in the club. Jerry Jacques, KE7GYM is our hamfest chairman and he has been working on the Springiest. He is planning on having some great programs for those attending the event. The church has upgraded their video equipment in the auditorium which will be very useful for those presenting programs. Since spring training will be going on the same time, we may have some extra prizes for the raffle, such as tickets to a game or two. Of course we will have RV parking at the site, but we are working on some other places to stay for those coming in from out of town. And a list of local restaurants.

Along with that activity, we are also working on the Christmas Banquet for the December meeting. The banquet will be held at the Scottsdale Community College Culinary Arts facilities at the college campus located at 9000 E Chaparral Road. A fabulous 5-course gourmet dinner is planned. Alan Jensen, KE7FSD will be presenting a program on safety. The MARCA group will be joining us again this year for the celebration of the holidays. There will be door prizes and great fellowship. I will have pictures next month.

The program for the November club meeting was a presentation by Mike Pulley, WB4ZKA, on Emcomm nets. His presentation involved the whole group in a simulated emergency net. He handed out a script to everyone for the different parts to play. We were slow to start, but we caught on quickly. Paul Jorgenson KE7HR, broke up the group when he played two parts at once. His voice went into a falsetto for the second part and he sounded like the lady that answers the phone at Victoria's Secret. This was a great program. Nice work Mike.

The December General Club Meeting will be our annual Christmas Banquet. The program will be a presentation by Alan Jensen, KE7FSD.

Our Vice President is in charge of selecting programs for the club meetings. Bob Johnsen, K7TR, has done an outstanding job with his selections. Right now he is working on programs for next year. I have nothing to report at this time for the January Club Meeting. If you have some ideas of programs you would like to see, just let him know and I am sure he will come up with something.

The General Club Meetings are experiencing increased attendance as they usually do this time of year. During the long hot summer months, some members leave town for cooler climates. It is nice to see some old friends as well as new faces. The cooler weather gives us all more reason to be outside enjoying a walk or whatever. The only problem is the darn mosquitoes. This year has been just awful with the pesky critters. I wonder if they are ever going to leave!

Some of our members have been out on the hiking trails with their HT's and enjoying the flora and fauna as well as some contacts on the radio. Arturo WB7ATA, does a lot of hiking and always has his trusty HT at hand. He has made a small compact multi band antenna for his radio that works very well

Continued Next Column

SARC Continued from Previous Column

out on the trail. This antenna is made up of a few telescoping antennas and when collapsed fits in his pocket. Pretty slick Arturo.

The HF bands have been very good lately and I am hoping they last for a few more months. I have a new antenna for our place in Payson I want to test out this week end. It's an old R-7 vertical which used to work just great. We used one similar a few years ago during field day. It was used on SSB with great success. I do not have an HOA to contend with up there and I eventually will put up a tower, but for now, this vertical will do the job.

We have our Tuesday night net at 7:00 P.M. on 147.18 (PL 162.2) and 440.00 (PL 100). This is a general conversation net and everyone is welcome.

Well, that is all I have for now. I hope you are all well and looking forward to a great Fall and Winter hamming.

73 Ed WU7S
enickerson427@aol.com



Mike Pulley, WB7ZKA Emcomm Presentation

ADAW

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.

To field check QSL cards for most ARRL awards, call Ed Nickerson, WU7S at 480.949.5162.



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.

December Test Sessions

Dec 1st - AARC & WVARC -- 7:00 PM

St Clement Church Social Hall, 15800 N Del Webb Blvd, Sun City
Contact - Joe Cutitta 623.215.2226
Times vary - Exams begin after Club Meeting

Dec 4th - CARBA -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus Boulevard, Tucson
Contact - Matthew Grossman 520.750.7189
Pre-Reg by email preferred - veregistration@rstclub.org

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

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

Dec 6th - Kachina ARC -- 9:00 AM

Linden Fire Department, 6884 AZ Highway 260, Show Low
Contact - James Mortensen 928.358.8761
No Walk-Ins - Must Pre-Register

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

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

Dec 10th - Central Phoenix VE Team -- 6:30 PM

South Mountain Community College, 7050 S 24th St, Phoenix
Contact - Bill Martin 480.205.3625
Limited Space, Please Contact Prior to Exam

Dec 13th & 14th - Central Phoenix VE Team -- 9:00 AM

Gilbert Farmers Market (back by vendors), 222 Ash Dr, Gilbert
Contact - Bill Martin 480.205.3625
No Walk-Ins - Please Call Ahead for Important Details/Instructions

Dec 13th - Yuma ARC -- 9:00 AM

Yuma County Sheriff's Office, 141 S 3rd Ave, Yuma
Contact - Robert Spencer revrobert@roadrunner.com
No Walk-Ins - Must Pre-Register

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

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

Dec 27th 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



Upcoming Classes

Technician Class License Course 2015 - Classes will be held Saturdays, February 21 through March 28, 2015 from 10:00 AM - 1:00 PM at the Arizona Science Center, 7th Street & Washington in Phoenix. Required text is "Ham Radio License Manual" Revised 3rd Edition, available from the instructors at first class for \$25.00. Class is based on the Technician License question pool as of July 1st, 2014. Licensing test will be held on the final day of class. ARRL Amateur License test fee is \$15 payable at the session in cash or check. Contact Bob, KG7QJ at 480.961.1109 or email kg7qj@cox.net for more information.



Want Ads

Wanted - Rohn 25/45 gin pole.

Contact Ray, W7GNE - Home: 480.998.1893

Wanted - Crank up or tilt up antenna tower

Contact Robert Fairfield K7RQN - 602.803.3545

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



Club Repeaters: 147.12/449.600

No Report Received.

Amateur Radio = Long, Happy Life

Have you noticed how this ADAW Newsletter is GROWING? By the time that this letter has been read, the next issue arrives! It appears as if most Arizona Ham activities are now reported in ADAW.

But on to the main topics – Health and Happiness. Be warned that this is not a report that was funded by a large Government grant. This is hardly even scientific, but consider a few observations that have appeared in the News. Life expectancy is extended if a person volunteers. Quality of life improves when a person volunteers. Who knew that there is substantial benefit to be gained from volunteering at W7ASC? Get in on the benefits by calling Bob KG7QJ for the opportunity to extend your life. You can find his contact information in the listing at the top of this ADAW newsletter. And you will be happier, too! The very same study draws that conclusion. Longer and happier life! Once this Newsletter hits the INBOXES in Arizona, Bob’s phone will probably start ringing, so do not delay if you wish to be placed on the Volunteer schedule. Once you start increasing your Volunteer hours at W7ASC, you might want to meet with your retirement planner in order to adjust the projections. Think about it – perhaps there is logic behind the fact that so many of the Amateur radio group photos show a preponderance of older people. Hams, and in particular, Hams who volunteer, just tend to live longer. Notice all of those happy faces.

We do not give tax advice here, primarily because we are not qualified to do so. But we do not think that the above information would permit you to deduct the cost of your gear as a medical deduction. If you do choose to use this newsletter as justification for a deduction, please delete the author’s name from the copy that goes to the IRS.

While we are speaking of health, consider the apparent health benefits of Morse code. Very few high-speed CW operators have been observed to suffer from dementia. Unless you feel that addiction to CW is, in itself, a form of dementia. We will avoid starting down that path. Di-di-di-dit di-dit.

Snowbirds, bless their frozen noses, have begun to return to the W7ASC schedule. Those familiar call signs are back. Good timing! Activities at the Arizona Science Center are ramping up. More visitors, more groups, more school field trips and more teachers appearing at the Station. John, K7JP has been busy

Continued Next Column

CARL Continued from Previous Column

assembling those Teacher Packets. Material, designed for the classroom, about Amateur radio. Once explained to the visiting Teacher, they are enthusiastically accepted. Often they are enhanced with a copy of the latest ADAW newsletter. When time permits, the teachers are introduced to MORSEKEY, a free app that installs a virtual Morse key on a phone or tablet, allowing Morse code practice without any other hardware.

We have just finished up the 2014 Fall Tech classes, tests to be given Saturday, November 15th. If you know someone that might like to take the NEXT class have them call Bob KG7QJ at 480-961-1109 or E-Mail to kg7qj@cox.net to register. Class limit is 20 students and we already have 15 signed up.

For the happiest Holidays possible, visit W7ASC and spend some time as a volunteer. Have a volunteer or Ham radio anecdote that would add to the ADAW value? A story on how you got started in Ham radio? Send a draft to your faithful scribe at this address.

73 de W4CIH
jeanjol@hotmail.com

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as Frank Smith (then KF7PO, AH0W, SK), I had the chance to chisel away at the Berlin Wall.

73 Reinhard



Sometimes a seemingly common event can become a memorable one. I experienced one of those at Prepperfest while greeting people at the ham radio booth. Allen West, KG7NAJ, came over to the booth with a huge smile on his face and a new handie talkie in his hand. Allen had passed his technician license test at the June AARC test session, and he had just bought his very first ham radio. Our booth had a couple radio stations set up, and one of them was a 2-meter station. It was the ideal time and place for Allen to make his first ever amateur radio contact, so Gary Hamman, K7GH, gave KG7NAJ a call, and the rest is history. This was not actually a DX contact since the distance between the two stations was about twenty feet, but it was history for KG7NAJ, and I'm sure he will remember this —and so will I. It is very special to see a new young ham's enthusiasm about this new hobby, which in most cases becomes a lifelong adventure. I photographed this historic moment and included it with this article. I wish I had a photo of my first contact. I was probably shaking in my boots with mike fright!

It's not very unusual for me to receive an email from my friend Reinhard Geissler, DL1UF, who now lives in Phoenix. Early this morning, however, receipt of his email was very memorable. On November 9, 1989, the Berlin Wall came down. Here is the email I received from Reinhard today, November 9, 2014:

“This is an important day today for me . . . The Berlin Wall fell 25 years ago today ***

Three weeks earlier, I visited my friends, Gisela (DD6CQ) and Siegfried Jakob (DL7NT) in West Berlin and I remember all too well how stunned we were when we heard the news that Honecker, East Germany's Ruler, had been forced to resign. This all was totally inconceivable as the Wall looked as threatening then as ever. Back at my relatives' place in Rhineland-Palatinate, I got a call from Hermann (DC9UP) on the evening of 11/9. He was sitting in a hotel in the UK watching the news and told me that he just learned that East German officials opened the border in a totally unreal and surprise move. The following morning, I flew to the US and flight attendants fed the TV news into the overhead monitors as soon as it was possible. And, there he was, Tom Brokaw, standing at the Berlin Wall reporting this utterly dramatic development . . .

Nov. 9, 1989: NBC's Tom Brokaw reports from West Germany hours after the East German government announced that residents would be able to move freely between the countries for the first time in more than 25 years . . . and a few months later, together with my brother and sister-in-law as well

I had known little about the impact that the Berlin Wall had on the German people, and I won't easily forget this morning's email. I have already framed the photo shown here of Reinhard knocking down the Berlin Wall.

By the time you are reading this ADAW, we will probably be taking photographs of another new radio station being put together for use by our young radio operators. We are presently gathering the basic needs for a radio station at Benjamin Lee's (K7JS) school. As mentioned in the last ADAW, several groups have contributed equipment to young ham clubs who are starting out. The Phoenix Country Day School's amateur radio club is receiving gifts of antennas and transceivers with the help of ARCA, the AARC, and other clubs and individuals. To begin with the station will receive a GAP Titan vertical 10-80 meter antenna and a Kenwood HF transceiver, as well as a Kenwood TR-7400A 2-meter transceiver. Special thanks to Ruth Thomas, XYL of SK Dick Thomas; Diana Polanski, daughter of SK Leslie Hickey; and Jeff Hanna, WB7FY, for donating transceivers. By the way, I received a very positive review of the Gap Titan vertical from Reinhard Geissler. His comment: “While we were living in Prague, I was on the air as OK8EDC and used a GAP Titan vertical (the same antenna as the one donated to the PHX Country Day School ARC) and I was very happy with it.”

At the present time, plans for the November 13 AARC meeting are being formulated. We anticipate getting a chance to see two of the Kenwood transceivers that were donated. We will also get to see John Adams' (K6JWA) new Kenwood transceiver. The program for the evening will be concerned with basic operating, using various radios, including the club's Yaesu FT450D, which is one of our popular Field Day rigs. Of course this meeting will also be a planning session for the December 11th Christmas party that we all look forward to.

73,
Lori, WA7EDI

ADAW



Old Pueblo Radio Club INTERMOD

President's Column

Greetings all.

As there has been no meeting since my last letter, there is nothing further to report.

73 de

Ron Kalish, N7SPW

President, OPRC

TBARC has a lot of things going on this month! First of all, there's the upcoming holiday banquet, to be held on Tuesday, December 16, 2014 starting at 6:00 p.m.. It will be at the Old Country Buffet on 17125 N. 79th Ave in Glendale. Price is \$12.49 each plus drink and tax payable at the entrance for a buffet style meal. All members are welcome to join us in the Glendale Gathering Room to hear the results of the recent election and to have an enjoyable evening!

Next is the big move. Details are still not finalized by the time this goes to press, but we are going to find ourselves in new digs in the new year. Thanks to the Thunderbird School of Global Management for hosting us for the last several years, and check the Thunderbird ARC website (w7tbc.org) for meeting details for the January meeting when those details become firm. Incidentally, some may not know that the Thunderbird Amateur Radio Club had its name before we were hosted at the Thunderbird School of Global Management, so there won't be any name changes with the new location.

Finally, don't forget our hamfest! We're going to hold that on Saturday, January 10, 2015 outside at the Northwest Community Church, 16615 N. 43rd Ave in Phoenix (Just south of Bell Road on the East side of 43rd Ave.) We'll be open to vendors at 7:00 a.m., and open to the public from 8:00 a.m. to noon. There will be door prices, amateur radio license testing, DXCC card checking and snacks / beverages for purchase. See the website for more details about this as well!

Andrew Jr.
kf7ccc@arrl.net

<i>OPRC Repeaters</i>			
146.66	- PL 110.9	wide coverage	W7GV
146.82	- PL 110.9	wide coverage	W7GV
147.22	- PL 110.9	wide coverage	W7GV
<i>RACES Repeaters</i>			
145.150		packet/wide	N7OEM
146.880	- PL 110.9	wide coverage	N7OEM
147.300	- PL 110.9	wide	N7OEM
448.55	- PL 110.9	wide coverage	N7OEM

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Allen West, KG7NAJ makes his first amateur radio contact with Gary Hamman, K7GH

ADAW



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SHORT SKIP

October Emergency Preparedness Net

This Halloween night while most of you were handing out candy to witches and Goblins, Mike (K7MJC) and I co-hosted the October EP net. I think that I can speak for Mike that we were both a little apprehensive about how to co-host a net, neither of us had ever done anything like it before.

Mike, having more knowledge of the folks who normally check in, agreed to take the lead and handle all the check-ins. While I, being an ARES/RACES junky, agreed to field comments. We tried a new format by talking from a list of likely topics to discuss. Some of the selected topics had been previously discussed so we unceremoniously eliminated them.

A goblin got into the repeater Friday morning and I was ready with a backup plan to run the net simplex using our repeater's output frequency. Fortunately, or unfortunately, the tech crew came through and cleared out the goblin droppings so the repeater worked flawlessly.

While we only had eight, by my count, check-in, what we lacked in numbers was made up for by a group of active and informative participants. I am always delighted when I learn something new. After all, when you are nearly three quarters of a century old you know it all, right? Forget the last sentence that really sounded old.

I'd like to thank Chuck KF7MZP, Marty WB7X, Bob KG7FIL, Roger KD0MD, Skip KA6DCZ, and finally our echo link station from the far north, Scott, VE4FLM for making it a fun and informative evening.

Courtesy of Ray Thomson W0IVB and Mike Corder K7MJC

The preparedness net is held the last Friday before the monthly Monday night meeting at 8 p.m. on the NY7S repeater 147.300 MHz, Tone 162.2 Hz.



Club Test Session

There were two candidates at the November 3rd session and both passed their Technician Class License examinations.

Welcome to new ham operators -- Christopher Ruffcorn and K. Chris Ruffcorn

Test sessions will be 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.

The club has several VEs who have committed to work as the VE team for the sessions. Please help us spread the word about the test sessions. Thanks

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



November 3, 2014 Meeting

At our meeting we made a presentation to the members on the functionality of our kits, Dave Porta WA0ZVM, Bob Kettler WA6MIO, Bob Paul KG7FIL, John Siepmann N9NA, and Rich Haworth W7MDQ, explained their go-kits, some with multiple radios, scanner, cross-band repeat, battery, battery and solar power.

I think everyone had a great time building them, I know I did. When the presentation was finished Ken Jenkins WB6MMV did an examination of all the kits for judging the kits on points.

Attention: We are working on a new roster for the club, one that will have a photo of each member and their call sign. To make this work, it will take an effort on everyone to take part in this

The result will be a series of pages of about 24 photos each with call signs. The pages will be sorted by the call sign. How often have you wondered what face goes with that call? You will be able to just flip to page and see the face that belongs to the call.

Let's get going on this. **If you have not had your photo taken by KG7FIL or sent one in yet, please send a photo that shows you from your waist to your head by email ASAP.** I will crop it to fit the format. My email is Bob Paul at KG7FIL@arrl.net

Contest Corner

The November/December period is an early part of the annual typical contest year. This year I find about eleven contests that may interest us casual testers:

- Nov. 15 – ARRL Sweepstakes, ssb
- Nov. 22 – LZ (Bulgaria) DX, ssb/cw
- Nov. 29 – CQ WW (World Wide) DX, cw**
- Dec. 14 – ARRL 10 Meter, ssb/cw
- Dec. 21 – Croatian, cw
- Dec. 27 – Stew Perry Topband Challenge, cw
- Dec. 28 – RAEM, cw
- Jan. 3 – ARRL RTTY Roundup. rtty
- Jan. 10 – North American QSO Party, cw
- Jan. 11 – DARC 10 Meter Contest
- Jan. 17 - ARRL January VHF Contest, any
- Jan. 31 – UBA DX Contest, ssb

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, click on the “+” sign in the left margin to see more information. The bold contest above (Nov. 29) is considered a major event with significant participation. I may not operate in all these contests, but I’d be happy to try to answer your questions. My telephone number is 630.209.4116 and/or email me at JFSiepmann@hotmail.com. Remember you can always casually participate in these contests or most any contest and 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. BTW, the Jan. 17 ARRL VHF contest might be of interest to many of our club members – modes are “any,” e.g. cw, ssb, fm, digital – any. Take a look at it.

Good contesting to all,
John, N9NA



Public Service Calendar

EVENT	LOCATION	DATE
JROTC Lake Pleasant	W of Lake Pleasant	12/13/14
Fiesta Bowl Half Marathon	Scottsdale Civic Center	12/14/14
Xterra - White Tanks	Waddell	01/04/15
JROTC Lake Pleasant	W of Lake Pleasant	01/31/15
Xterra - McDowell Mtn	Fountain Hills	02/01/15
Runners Den Pancake Run		02/08/15
	E Phoenix, Paradise Valley Mall	
Black Canyon Trail Run	Mayer to New River	02/14/15
Lost Dutchman Marathon	Apache Junction	02/15/15
Ragnar Relay	Multiple	02/20-21/15
Run for Ryans House	N Scottsdale - DC Ranch	03/01/15
JROTC First Water		03/07/15
	First Water Trailhead Apache Junction Area	
Mesquite Canyon Trail Run		03/14/15
	White Tanks Regional Park	
ADA Tour De Cure	North Valley	03/21/15
Xterra - Black Canyon City		03/22/15
	Table Mesa Rd - Black Canyon City	
Crown King Scramble	Bradshaw Mountains	03/28/15
Cave Creek Trail Run	Cave Creek	04/05/15

To sign up send email to: mcecg@yahoo.com
MCECG on the Web MCECG.ORG for event sign up
For information on events, join - azhamserve@egroups.com

Jim Pierce, N7QVW - 623.551.1204 - jim@n7qvw.net
Brian McCarthy, N7TUQ - 623.486.0507 - n7tuq@arrl.net

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Richard Haworth W7MDQ
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602-370-1450 Cell, rahaworth@cox.net

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

Event Calendar

6 December 2014 - **SuperFest 2014** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Avenue in Mesa. Hours are 7:00 AM to 2:00 PM. Admission - \$5 per person, 12 and under Free. VE Testing Registration 8:00 AM until 9:00 AM, Testing begins at 9:00 AM. Commercial Vendors \$10 for 2 spaces (set-up begins 6:00 PM Friday - must pre-register by email to KG7EOL@arrl.net) - Tailgate, \$10 per space (set-up begins 5:00 AM Saturday) - Grand Prizes - Hourly Prizes - Special Event Station K7A - GOTA Station - Fox Hunts - ARRL Card Checking - Food and Drinks. For more information, visit the web site at <http://www.superstitionsuperfest.com/>.

10 January 2015 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club will be held at Northwest Community Church, 16615 N 43rd Avenue in Phoenix. Hours are 8:00 AM (Vendors 7:00 AM) to 12:00 Noon. Spaces - \$10 per parking space. Admission - \$2.00 per person. VE testing 10:00 AM until 11:30 AM. Test fee - \$15.00. Door prizes every half hour - Snacks and Beverages will be available. Talk-In 146.700 - 600 KHz (162.2 PL) or 446.150 - 5 MHz (100 PL). Contact hamfest@w7tbc.org for more information.

2 February 2015 - **West Valley ARC 2015 Auction** - hosted by the West Valley Amateur Radio Club will be held at St Clement of Rome, 15800 N Del Web Blvd in Sun City. Doors open at 1800 hours. Auction begins at 1900 hours. Contact Ted, KB5OF at 623.910.9275 for more information

20 - 21 February 2015 - **Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Visit web site at www.yumahamfest.org for more information.

21 March 2015 - **SpringFest** - hosted by the Scottsdale Amateur Radio Club will be held at Mountain Valley Community church, 17800 N Perimeter Drive in Scottsdale. Hours are 6:00 AM until 12:00 Noon. Overnight RVs are welcome. Tailgating, VE Testing, Refreshments, Prizes and more. Watch for more information.

28 March 2015 - **Tucson Spring Hamfest** - hosted by the Radio Society of Tucson will be held at the Golden Corral Buffet & Grill, 4380 E 22nd Street in Tucson. Hours are 6:00 AM until Noon - Seller Set-Up at 6:00 AM. Free Admission & Parking. Vendors/Tailgaters \$10 per space. Free Overnight Parking after 6:00 PM on Friday. Prizes, Free VE Testing, GOTA Station. Hot Coffee, Tea & Donuts will be available. For more information, visit Web Site at www.k7rst.org

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.



Amateur Radio Development Group

No Report This Month.

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

ADAW

Calendar Continued From Previous Column

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 by email to fest@copahams.org. ANSR Balloon Launch, GOTA Station, VE Testing, Seminars, ARRL Card Checking, Hourly & Grand Prizes. Food, Drinks and Entertainment Available on site 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>.



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sandiego@hamradio.com

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Tigard-99W exit
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denver@hamradio.com

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(800) 559-7388

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

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Doraville, 1 mi. no. of I-285
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virginia@hamradio.com

SALEM, NH

(Near Boston)
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DECEMBER 6, 2014 - 7:00AM - 2:00PM

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ACTIVITIES

- SPECIAL EVENTS STATION - K7A
- GOTA STATION - Make Contacts Around The World With An Experienced Extra Class Operator
- FOX HUNTS
- VE TESTING - \$15.00 Fee, Registration 8:00 - 9:00, Testing Starts @ 9:00AM
 - Participants Must Pre-Register for testing at the times listed
 - Bring The Appropriate Information With You For Testing, Information May Be Found On The ARRL Web Site @ <http://www.arrl.org/what-to-bring-to-an-exam-session>
 - For Additional Information or Questions Contact Fred Bollinger, AB7JF @ 480-242-8606
- ARRL CARD CHECKING
- FOOD AND DRINKS

GRAND PRIZE RAFFLE

- ** NEED NOT BE PRESENT TO WIN **
- TICKETS \$2.00 EACH / 5 FOR \$8.00 / 10 for \$15.00 / 15 for \$20.00
 - PRESALE ONLINE @ <http://www.superstitionsuperfest.com>
- 1ST PRIZE - KENWOOD TS-480SAT
- 2ND PRIZE - KENWOOD TM-V71A
- 3RD PRIZE - MFJ 269C
- 4TH PRIZE - WEST MOUNTAIN RADIO RIGBLASTER ADVANTAGE

HOURLY PRIZE RAFFLE

- ** MUST BE PRESENT TO WIN **
- TICKETS \$1.00 EACH / 6 FOR \$5.00
- AVAILABLE ONSITE ON THE DAY OF THE EVENT ONLY

TALK IN FREQUENCIES

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

COMMERCIAL VENDORS & TAILGATING

- COMMERCIAL VENDORS - \$10.00, INCLUDES 2 SPACES, 2 PAID ADMISSION, ADDITIONAL SPACES @ \$5.00 PER SPACE
 - COMMERCIAL VENDORS MUST PREREGISTER BY EMAILING KG7EOL@ARRL.NET TO COORDINATE SPACES FOR COMMERCIAL RATES TO APPLY
 - COMMERCIAL VENDORS SETUP 6:00PM FRIDAY
- TAILGATE SALES - \$10.00 PER SPACE, INCLUDES 2 PAID ADMISSION
 - TAILGATE SETUP 5:00AM SATURDAY



Thunderbird Hamfest 2015

Saturday, January 10, 2015

Outside - Tailgating

**Thunderbird Amateur Radio Club, ARRL
and Amateur Radio Council of Arizona will host**

Location:

Northwest Community Church
16615 N. 43rd Ave
Phoenix, AZ 85053

(Just south of Bell Road on the East side of 43rd Ave.)

Date:

Saturday January 10, 2015

Time:

Open to Vendors at 7:00 AM

Open to Public from 8:00 AM to 12:00 Noon

Commercial Vendors can set up Friday night after 5:00 PM

Vendors must supply their own tables

Cost:

Vendor: \$10.00 per Parking Spot

General Admission: \$2.00 per person

Additional info:

- Door Prizes will be given away on the half hour beginning at 9:00 AM
- VE Testing on-site in Classroom E110 from 10:00 AM to 11:30 AM. Exam Fee \$15.00
- Talk-in on 146.700 -600 KHz, 162.2 PL or 446.150 -5 MHz, 100 PL.
- **No Firearms, Alcohol or Drugs Permitted**
- Please park in designated areas only
- **Snacks and beverages will be available for purchase on site**

hamfest@w7tbc.org

West Valley Amateur Radio Club
2015 Auction
February 2, 2015
St. Clement of Rome Social Hall
15800 N Del Webb Blvd
Sun City, AZ 85375
Contact: Ted KB5OF @ 623-910-9275

Welcome to the WVARC/West Valley Amateur Radio Club's annual auction, the first Monday in February. Doors open at 1800 hours for registration, browsing and setting up. Auction begins at 1900 hours.

YOU DON'T HAVE TO BE A CLUB MEMBER TO BE A SELLER.

Sellers will register and fill out one ticket per item to sell whether as individual items or a box containing more than one item. Rules of the auction are posted which include payments and fees.

Note: when filling out your ticket(s) *PRESS HARD. THERE ARE 4 COPIES!!!*

Bidders will register to receive a number paddle to use when bidding. A Cashier's desk will be set up to pay for items won. You may pay at any time during or after the auction is over. Sellers will receive their proceeds in the mail. We have found this to be better than paying at the auction which takes too much time and gets everyone home very late.

Items eligible for sale shall be ham related. This rule is followed to the T! Auction directors will be the final word on what is ham related. Buyers will show receipt ticket at the exit. There is a soda machine in the lobby. No other refreshments are planned. Equipment will be sold 'as is', no refunds. Payment will be cash or check with proper identification. Your participation in this auction is your commitment to follow the rules. If you need help bringing in items from or in taking items to your car, please ask and someone will gladly lend assistance.

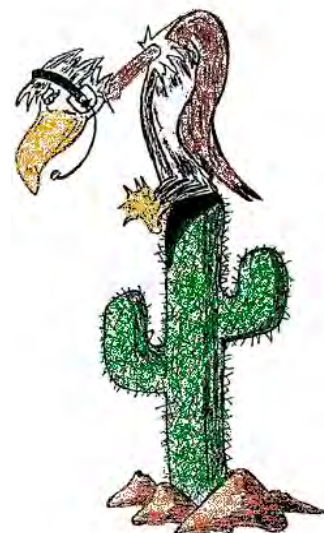
2015 Arizona Section Convention

Yuma Hamfest

Yuma, Arizona

Feb. 20 & 21, 2015

Yuma County Fairgrounds
2520 East 32nd Street, Yuma, Arizona



www.yumahamfest.org

Check the Website for Additional Information

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Hamfest Dinner & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
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Vendors & Exhibitors
Consignment Sales
License Testing
Hourly Door Prizes
On-site RV Camping
Hamfest Dinner
ARRL Speaker
Transmitter Hunt
\$5.00 Admission

Tailgating (Swap Meet)
Full Seminar Schedule
DXCC Card Checking
Incredible Grand Prizes
Emergency Preparedness
Admission Prize
Hospitality Area
Near Space Balloon Launch
Antenna Clinic

Hamfest Talk-In Frequency: 146.840 (-) PL 88.5 Hz

Email Contact: ***info@yumahamfest.org***



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

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



Presented by the Yuma Amateur Radio Hamfest Organization

TECHNICIAN AMATEUR RADIO LICENSE CLASSES SPRING 2015

Starting Saturday, February 21st, 10:00AM to 1:00PM at the Arizona Science Center
(7th Street & Washington in Phoenix), room TBD

Instructors: Bob Burleson, KG7QJ, Kent Fuge KR7FUG

Required text "Ham Radio License Manual" **Revised 3rd Edition**,
will be available from the instructors at the first class for \$25.

Class is based on the Technician License question pool as of July 1st, 2014

Classes are Saturdays February 21st – March 28th 10:00am to 1:00pm

Six 3-hour sessions plus the license test.

MUST REGISTER FOR THE CLASS BY FEBRUARY 7th

call Bob KG7QJ at 480-961-1109

Amateur License VE test is April 4th at DeVry

The fee for the FCC Amateur License test is \$15

and can be paid in cash or check at the VE Test session

HF/VHF/UHF

SIGN UP TODAY for the Technician license classes. Earn your Amateur Radio license in just 6 weeks. The classes are planned to prepare you for the FCC Amateur Radio Technician license. Class material is based on the ARRL "Ham Radio License Manual" 3rd edition) containing the Technician license question pool as of July 1st, 2014. No Morse Code is required for the Amateur license.

Technician licensees can help their communities by assisting in Public Service events, Community Emergency Response Teams (CERT), search and rescue, and as communication links in times of disaster.

"Hams" with the Technician FCC Amateur Radio license have privileges on all Amateur frequencies above 50 MHz.

Technician frequency privileges changed as of February 2007 to include SSB (voice) operating modes on the Amateur 10 meter band, and CW (Morse code) on the 15, 40, and 80 meter HF (short wave) bands. On UHF and VHF you can operate

FM voice, Amateur TV, Packet, Satellite, IRLP, Echo-Link, and many other modes. One of the more popular is FM voice operation on the 2 Meter VHF and 70-cm UHF bands.

The Technician amateur radio license testing session will be Saturday, April 4th at DeVry (22nd St & Dunlap). Other testing opportunities will be announced. If you are interested in getting an Amateur Radio license or getting back into Amateur Radio, contact Bob, KG7QJ at 480-961-1109 or e-mail kg7qj@cox.net

See Class Outline on Back.

QR Code for www.w7asc.org



Technician Amateur Radio Class Outline

Spring 2015

For more information contact Bob Burleson, KG7QJ, at 480-961-1109 or e-mail at kg7qj@arrl.net

Class #1 2/21/2015 (room TBD) License Manual Intro, Chapter 1, & 7
Introduction to Amateur Radio, Radio Frequency Spectrum and Licensing, Operating and FCC Regulations.

Class #2 2/28/2015 (room TBD) License Manual Chapter 2 & 3
Metric system, Electric Principles & Basic Electricity, Ohm's Law, Series & Parallel Circuits, Using Test Equipment, Types of radios and radio circuits

Class #3 3/7/2015 (room TBD) License Manual Chapter 8, 9.1, & 9.2
FCC Rules and Regulations, Control Operator, Station License. Safety in the Ham Shack, Electrical Wiring Safety, Station Layout for Safety, Common Technical Problems, RF safety.

Class #4 3/14/2015 (room TBD) License Manual Chapter 4 & 9.3
Intro to RF Propagation, Types of Radio Propagation, Antennas, Feed Lines, Wave Polarization, Dipole, Vertical and Beam Antennas, Antenna Measurements

Class #5 3/21/2015 (room TBD) License Manual Chapter 5
Radio Modulation, Bandwidth, Emissions (CW, SSB, AM, FM, RTTY, etc.), HF Bands & 10 Meters.

Class #6 3/28/2015 (room TBD) License Manual Chapter 6
Getting on the air! Operating Practices, HF/VHF/UHF Operation, Repeaters, 2 Meter Operation and Equipment. Emergency and Public Service communications
Getting ready for the Test!

VE Test Session 4/4/2015 DeVry Library (22nd St. & Dunlop)
8:00 to Noon. Test Fee \$15

Additional Amateur License Exam Info (not part of the class)

AZ DESERT 10: Steve, KY7W kj7wk@cox.net 480-478-9692
Arizona ARC: Joe Cutitta 623-215-2226
No Walk-ins Pre-Registration Required

To find an ARRL Exam Session go to <http://www.arrl.org/find-an-amateur-radio-license-exam-session>

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Other Classes available:

Thunderbird ARC (North Phx): eMail course@w7tbc.org

ARRL Amateur Radio Class search:

<http://www.arrl.org/find-an-amateur-radio-license-class>

SCOTTSDALE SPRINGFEST

SPONSORED BY ARCA AND
THE SCOTTSDALE AMATEUR RADIO CLUB

SATURDAY
MARCH 21, 2015

6:00 AM TO 12:00 NOON

RV PARKING \$10
GENERAL ENTRY \$5
REFRESHMENTS
RAFFLE PRIZES

TAILGATE/SALES 2 SPACES \$15
VENDOR/TAILGATE SET-UP TIME 5:30 AM
VE TESTING (ADDITIONAL FEE)
ARCA MEETING AT 11:00 AM

SPRINGFEST HERE



MOUNTAIN VALLEY CHURCH

17800 NORTH PERIMTER DRIVE
SCOTTSDALE, AZ 85255-5449

FOR MORE INFORMATION: SCOTTSDALEARC.ORG

NO GUNS - NO DRUGS - NO ALCOHOL

CALL IN FREQUENCY 147.180 MHZ + OFFSET AND A 162.2 HZ PL



TUCSON SPRING HAMFEST

Saturday, March 28, 2015

7 A.M. - Noon



Hosted by:

Radio Society of Tucson



FREE ADMISSION & PARKING!

Map and information: www.k7rst.org

- Seller set-up starts at 6:00 A.M.
- Vendors/Tailgaters pay \$10 per space
- Free Overnight Parking after 6:00 P.M.
Friday

- ★ **PRIZES: (1st) 50W Dual-band Mobile Transceiver**
- ★ **(2nd) Dual-band Hand-held Transceiver**
- ★ **Raffle Tickets: \$2 each... 3 for \$5... 7 for \$10!**
- ★ **Free VE Testing (get licensed – all levels)**
- ★ **GOTA Station (demo fun – Get on the Air!)**
- ★ **Hot Coffee, Tea & Donuts Available**

Talk-in:
Repeaters
146.800
PL 156.7
and
145.250
PL 156.7



Golden Corral Buffet & Grill

4380 East 22nd St – Tucson, AZ 85711

(SOUTH PARKING LOT – JUST EAST OF COLUMBUS)



2015 ARCA / WILLIAMS HAMFEST JULY 24, 25 & 26, 2015

ADVANCED NOTICE



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



ADVANCED NOTICE

WILLIAMS RODEO GROUNDS, RODEO ROAD, WILLIAMS, AZ

GATES OPEN AT NOON THURSDAY, JULY 23 FOR SET-UP.

HAMFEST OPENS AT DAWN FRIDAY, JULY 24.

FREE ADMISSION!

JULY 26, 2015 - GRAND CANYON TRAIN TRIP

MEETINGS, SEMINARS, ACTIVITIES,
COMMERCIAL VENDORS,
HUGE SWAP, VE TESTS

PRIZES

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

SATURDAY NIGHT BBQ DINNER
AT RAILSIDE RV RANCH

RESERVATION INFORMATION
available soon

SUNDAY GRAND CANYON TRAIN
TRIP



Visit the ARCA Web Site
www.arca-az.org

Talk-In - 146.78 - (91.5 PL)

On-Line Reservation Available on Web Site Soon
Or Call - 602.881.ARCA (2722)