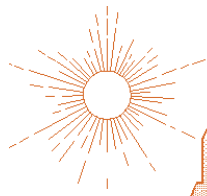


ADAW

10498 Monserrate St
Elk Grove, CA 95757-1765



October



ADAW

Arizona Desert Aire Waves

Vol 48 No 10

October 2023

CLUB MEETING SCHEDULE

SARC

Oct 4th - 7:00 PM
Scottsdale Senior Center

AARC

Oct 12th - 7:00 PM
American Red Cross/Echolink

YARC

Oct 5th - 7:00 PM
Prescott Rodeo Grounds

TBARC

Oct 19th - 7:00 PM
Arizona Christian University

CADXA

Oct 5th - 7:00 PM
Bethany Luthern Church

ARA

Oct 26th - 7:30 PM
Denny's - Tempe & Zoom

MARCA

Oct 17th - 6:30 PM
Denny's - Tempe & Zoom

MARA

Oct 7th - 9:00 AM
Maricopa Public Library

AzRCCC

Oct 10th - 7:00 PM
American Red Cross/MS Teams

AMO

Oct 16th - 7:00 PM
Charles K Luster Bldg

SuperstitionARC

Oct 17th - 7:00 PM
Charles K Luster Bldg

CHRC

Oct 14th - 9:00 AM
Tri-City Baptist Church

ANSR

Oct 19th - 7:30 PM
via GoToMeeting

KARC

Oct 10th - 6:30 PM
New Hope Christian Fellowship

OVARC

Oct 20th - 7:00 PM
Pima Comm. College, NW Campus

NADXA

Oct 3rd - 6:00 PM
Via Zoom

ATN (VOAR)

Postponed
www.whereby.com/atn1

QCWA-AZ Chapter

TBD
Various

CARL

TBD
Arizona Science Center

SunLife ARC

Every Monday - 10:00 AM
Via Zoom

WVARC

Oct 2nd - 7:00 PM
Shepherd of the Desert
Lutheran Church/Zoom

MMRG

See Web Site

ADAW Member Clubs

ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:00 p.m. at the American Red Cross Building at 4747 N 22nd St. in Phoenix. Visit web site at www.W7IO.org for map. Visitors are welcome.

| | | | |
|----------------|---------------|--------|--------------|
| President | Gary Hamman | K7GH | 480.216.2665 |
| Vice President | Steve Tolnai | W7WSV | 480.390.4446 |
| Secretary | Randy Gault | KJ7RCN | 480.329.1879 |
| Treasurer | Dave DeBolske | WA7DGY | 480.249.8286 |
| Activities Mgr | Lori Cripps | WA7EDI | 602.955.7517 |
| Membership | Dave DeBolske | WA7DGY | 480.249.8286 |

AARC c/o Dave DeBolske, WA7DGY, 2223 W Belmont Ave, #101, Phoenix, AZ 85021. DUES: \$15.00/YR, Prorated (\$18.00 Family, \$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

SCOTTSDALE AMATEUR RADIO CLUB, INC.

The Scottsdale Amateur Radio Club meets the **FIRST WEDNESDAY** of each month at 6:00 p.m. in Room 8 at the Granite Reef Senior Center located at 1700 N Granite Reef Road (west side of Granite Reef Rd., 50 yards north of McDowell Rd. Parking on site) in Scottsdale. The club also holds a net every Tuesday night at 7:00 p.m. on the 147.78/.18 repeater.

| | | | |
|----------------|------------------|--------|--------------------------|
| President | James Wasson | N7ELL | n7ell@scottsdalearc.org |
| Vice President | Rick Aldom | W7STS | natecf@gmail.com |
| Secretary | Bruce Harmsen | KA9EYX | ka9eyx@scottsdalearc.org |
| Treasurer | Douglas Mitchell | W7ADD | w7add@scottsdalearc.org |
| Past President | Paul Finell | W7EFQ | w7efq@scottsdalearc.org |
| Board Members | Jim Dye | AG7AU | |
| At-Large | Scott Gillins | W2KP | |
| | Bill Kouchis | N9EIV | |
| | Ed Nickerson | WU7S | |
| | Gene Geller | K0VN | |

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

ARIZONA NEAR SPACE RESEARCH

The Arizona Near Space Research group meets the **THIRD THURSDAY** of the month at 7:30 p.m. via GoToMeeting. Technical meetings are held the first Monday of the month at 7:30 p.m. on GoToMeeting. Please contact an officer about joining our meetings.

| | | | |
|----------------|----------------|--------|----------------------|
| President | Stephen Thomas | KE7TLS | iamgadget1@yahoo.com |
| Vice President | Clayton Jacobs | KJ6QJS | |
| Secretary | Steve Miller | W6SDM | |
| Treasurer | Bill McLean | K7WWM | bmclean@gmail.com |

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

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



THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at Arizona Christian University, 59th Avenue and Greenway Road in Glendale. Meeting is in building 3600, Auditorium #1. See the website (<http://w7tbc.org>) for a map and more details.

| | | | |
|------------------|----------------|--------|-------------------------|
| President | Walter Reinert | NJ8G | president@w7tbc.org |
| Vice President | Warren Gaspar | KC0GU | vicepresident@w7tbc.org |
| Secretary | Gene Neigoff | N9ANI | secretary@w7tbc.org |
| Treasurer | Mike Willmoth | KJ7OPD | treasurer@w7tbc.org |
| Director 2023 | Robert Lutes | N7NO | n7n0@w7tbc.org |
| Director 2023 | Rick Tejera | K7TEJ | k7tej@w7tbc.org |
| Director 2023-24 | Gary McGriff | KK7DCR | kk7dcre@w7tbc.org |
| Director 2023-24 | Bruce Kabana | WB7SRC | wb7src@w7tbc.org |
| Past President | Charles Loftus | KG7KRN | kg7kmf@w7tbc.org |
| Station Trustee | Gary Duffield | WK7B | wk7b@w7tbc.org |

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. The Thunderbird Amateur Radio Club is a 501(c)(3) non-profit organization. Mailing address: PO Box 11394, Phoenix, AZ 85318-1394.

MARICOPA AMATEUR RADIO ASSOCIATION

The Maricopa Amateur Radio Association (MARA) meets the **FIRST SATURDAY** of each month at 9:00 a.m. at the Maricopa Public Library - Redwood Room, 18160 N Maya Angelou Drive in Maricopa.

| | | | |
|----------------|---------------|--------|----------------------------|
| President | Cary Gielniak | K7CFG | president@copahams.org |
| Vice President | Dave Hagan | KK7FWJ | vicepresident@copahams.org |
| Secretary | TBD | | secretary@copahams.org |
| Treasurer | George Hogan | K7TGH | treasurer@copahams.org |
| PIO: | Steve Miller | W6SDM | pio@copahams.org |

The Maricopa Amateur Radio Association is a 501(c)(3) non-profit organization. DUES: \$25.00/year individual, \$30.00/year family. Apply on-line at www.copahams.org. Mailing address: P O Box 951, Maricopa, AZ 85139

CHANDLER HAM RADIO CLUB

The Chandler HAM Radio Club (call sign N7CHN) meets the **SECOND SATURDAY** of each month at 9:00 AM at the Tri-City Baptist Church, Room 140, on the SW corner of Germann & Dobson Roads in Chandler. Our monthly club meetings are held in person. Visitors are welcome. Check the web site at chandlerhams.org for dates and presentation topics of club meeting. Weekly net is held every Thursday at 8:00 PM on 443.050+ PL100.

| | | | |
|----------------|-----------------|--------|------------------------|
| President | Dave Hoffman | KJ4RS | pres@chandlerhams.org |
| Vice President | Debbi Smith | KJ7MIQ | vp@chandlerhams.org |
| Secretary | Cary Geilniak | K7CFG | sec@chandlerhams.org |
| Treasurer | Byon Garrabrant | N6BG | treas@chandlerhams.org |

Web Page: <http://chandlerhams.org>. DUES: \$25/year primary member; \$10/year family member.

ADAW Member Clubs

BARRY M GOLDWATER, ARIZONA CHAPTER QUARTER CENTURY WIRELESS ASSOCIATION

The Barry M Goldwater Arizona Chapter of the QCWA includes amateurs from all over Arizona who have been licensed for 25 or more years. Meetings are currently held in Phoenix, Prescott, and Tucson. The Arizona Chapter meets on the air every Sunday morning. Please check the website <http://www.azqcwa.org/> for the time and frequency.

| | | | |
|----------------|-------------|-------|----------------------|
| President | Tom Fagan | K7DF | president@azqcwa.org |
| Vice President | Open | | |
| Secretary | Carl Foster | KB7AZ | secretary@azqcwa.org |
| Treasurer | Carl Foster | KB7AZ | treasurer@azqcwa.org |

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

MINGUS MOUNTAIN REPEATER GROUP

Meetings are held twice a year, an annual board meeting in Phoenix and a picnic meeting in Chino Valley. Dates, times, and locations are announced in the newsletter.

| | | | |
|----------------|-----------------|--------|--------------|
| President | Bob Sitterley | K7POF | 928.636.2146 |
| Vice President | Tom Griswold | WN7E | |
| Secretary | Lori Cripps | WA7EDI | 602.955.7517 |
| Treasurer | Bob Sitterley | K7POF | 928.636.2146 |
| Board Members: | Gary Hamman | K7GH | |
| | Jerry Roberts | K7BUD | |
| | Ken Rasback | KK7KEN | |
| | Tom Raczykowski | N7MMC | |
| | Sonja Hazlett | WB7CWW | |
| | Larry Dorrell | KG7TTD | |
| | Ray Kolman | KI7COM | |

Web Site: <http://www.k7mrg.org> DUES: \$20.00 per year, due prior to July 1. MEMBERSHIP YEAR - July 1 - June 30.

KACHINA AMATEUR RADIO CLUB

The Kachina Amateur Radio Club meets the **SECOND TUESDAY** of each month at 6:30 PM at New Hope Christian Fellowship, 989 Cheney Ranch Loop (US260 & Cheney Ranch) in Show Low.

| | | | |
|----------------|-----------------|--------|--------------|
| President | Kevin Parmenter | KG5Q | 480.748.8182 |
| Vice President | Bill Turley | KJ7GYH | 923.536.2293 |
| Secretary | Marie Mortensen | N7SKS | 928.358.8748 |
| Treasurer | Dennis Wilkes | W7DRW | 928.739.4700 |

Mailing Address: Kachina Amateur Radio Club, P O Box 2996, Show Low, AZ 85902. Email: kachinainfo@drwilx.com Testing Info: White Mountain V.E. Team: VEtesting@cablone.net. Dues are \$15/yr for individual; \$25/yr for family. Membership is January 1 - December 31. Website: www.kachinaarc.org

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 in Tempe (Southeast corner of Priest Dr and Broadway Rd - <https://www.w7ara.org/mtg/Meetings.aspx>). 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 | Dennis Bietry, KE7EJF | ke7ejf@w7ara.net |
| Vice-President | Brian McCarthy, AK7F | ak7f@w7ara.net |
| Treasurer | Cole Cunningham, AA7RD | aa7rd@w7ara.net |
| Secretary | Jim Hoff, N7XXX | n7xxx@w7ara.net |

Board Members:

| | |
|--------------------------|------------------|
| Dennis Campbell, AE7WU | ae7wu@w7ara.net |
| Mike Montalvo, KF7MBK | kf7mbk@w7ara.net |
| Marty Dusenberry, KE7DGP | ke7dgp@w7ara.net |
| Lance Halle, KW7LH | kw7lh@w7ara.net |
| Joe Godfrey, AE7JG | ae7jg@w7ara.net |
| Joe Bakas, KE7WHE | ke7whe@w7ara.net |
| James Wasson, N7ELL | n7ell@w7ara.net |
| Bill Jackson, N9VJW | n9vjw@w7ara.net |

For Membership Information, contact (Joe Godfrey, AE7JG membership@w7ara.net) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit <http://w7ara.org/mbr/Membership.aspx>. DUES: \$20.00/yr. (Jan. 1 through Dec. 31) with a one-time initiation fee of \$10.00. Life and family memberships are available.

SUPERSTITION AMATEUR RADIO CLUB

The Superstition Amateur Radio Club meets the **THIRD TUESDAY** each month at 7:00 PM: January through November at the Charles K Luster Building, 640 N Mesa Drive, Mesa. VISITORS are Encouraged to attend. Zoom is no longer available.

| | | | |
|----------------|----------------|--------|----------------------------|
| President | Steve Estes | KB7KWK | kb7kwk@superstitionarc.org |
| Vice President | Matt Churchill | K7YEG | k7yegt@superstitionarc.org |
| Secretary | Scott Simeon | KI7KIM | ki7kim@superstitionarc.org |
| Treasurer | Bryan Hubbard | KF7DPC | kf7dpc@superstitionarc.org |
| Directors: | Brent Butler | W7FK | w7fk@superstitionarc.org |
| | Jeff Harris | K2DFE | k2dfe@superstitionarc.org |
| | Jeff Heinze | N7CCW | n7ccw@superstitionarc.org |
| | JD Smaylis | KF7VOX | kf7vox@superstitionarc.org |
| | Doug Brown | AG7KU | ag7ku@superstitionarc.org |
| | John Jacques | KD8PC | kd8pcu@superstitionarc.org |
| | John Wolven | KG7NSP | kg7nsp@superstitionarc.org |

Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277.
 Web Sites: SuperstitionARC.org & superfest.superstitionarc.org.
 For more information, send email to: info@superstitionarc.org.
 The Superstition Amateur Radio Club, Inc. is a 501(c)(3) non-profit corporation.

ADAW Member Clubs

MARCA, Inc. / W7MOT

MARCA is an Arizona 501(c)(3) Non-Profit organization. The club call sign in W7MOT. Membership is open to all amateur radio enthusiasts. Meetings are held the **THIRD TUESDAY** of each month at 6:30 p.m. Denny's, 4403 S Rural Rd in Tempe (SE corner of Rural and US60) and via Zoom - login info on W7MOT.org. Monthly presentations cover a broad spectrum of interesting subjects. Visitors are welcome to attend. Come early (6:00 p.m.) socializing. Repeater Problem Reports are encouraged. A Repeater Problem or Comment Reporting is available at <http://www.w7mot.org/index.php/repeaters/report-a-repeater-problem>. Site Managers and officers will take reports for any W7MOT repeater. Contacts are found on website. Club activities include providing voice, aprs, packet, DStar, and Fusion repeaters Central Arizona; ARRL Field Day, special interest groups in SDR, APRS, antennas, digital modes, and SBC applications.

| | | | |
|----------------|---------------|--------|--------------|
| President | Ray Vasquez | K4RMV | |
| Vice President | Tom Morrissey | KE7TM | |
| Treasurer | Norm Johnson | AA7OO | 480.278.2886 |
| Secretary | Paul Bennett | KD7KDO | |
| Board Member | David Yee | N7AJR | |
| Trustee: | Norm Johnson | AA7OO | 480.278.2886 |
| Webmaster: | Norm Johnson | AA7OO | 480.278.2886 |

MARCA, Inc., c/o Norm Johnson, 5756 S Wildrose, PO Box 85140, Mesa, Arizona 85212. Membership dues \$25 annually. See our website (<http://w7mot.org>) for more information about meeting schedules, membership, repeaters, library, and club activities.

CENTRAL ARIZONA DX ASSOCIATION

We have finally returned to hybrid in-person meetings which include online Zoom capabilities. The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. at Bethany Lutheran Church, 4300 North 82nd Street in Scottsdale. We have a broad range of programs covering many aspects of amateur radio with an emphasis on DX-related. Visitors always welcome in-person or via Zoom. See www.cadxa.org/meetings.html for more information. Contact club president for zoom link.

| | | | |
|-------------------|-----------------|-------|----------------------|
| President | John Jolly | N7NWL | wa7nwl@gmail.com |
| Vice President | Virgil Silhanek | K7VZ | k7vz@arrl.net |
| Secretary | Steve Thompson | N7TX | steve.n7tx@gmail.com |
| Treasurer | Mike Wright | N7MW | n7mw@aol.com |
| Immed. Past Pres. | Bill Poole | AA4Q | aa4q@arrl.net |
| Directors | Ron Smith | N7RD | n7rd@cox.net |
| At-Large | Steve Protas | K7SP | sprotas@juno.com |

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: wa7nwl@gmail.com. Dues are \$25 per year (\$12.50 per additional family member). For more information, DXing resources, and a membership application, visit our website: www.cadxa.org.

YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at 7:00 PM in the Freeman Building at the Prescott Rodeo Grounds located at 840 Rodeo Drive in Prescott (visit web site at www.w7yrc.org for directions and map). YARC is an ARRL Special Service Club dedicated to public service and emergency preparedness. The club serves the quad cities area of Prescott, Prescott Valley, Chino Valley/Paulden, and Dewey/Humboldt.

| | | | |
|----------------|-----------------|--------|--------------------------|
| President | Ray Kolman | KI7COM | president@w7yrc.org |
| Vice-President | Mike Reid | WU7V | vice_president@w7yrc.org |
| Secretary | Tim Norton | K7PVY | secretary@w7yrc.org |
| Treasurer | Jane Lerette | K7ZHF | treasurer@w7yrc.org |
| Past President | Bill Noe | WG7W | |
| Board Members | Byron Wilkinson | KK7BFL | kk7bfl@w7yrc.org |
| | Debbie Kolman | KD7COM | kd7com@w7yrc.org |
| | Mike Schnell | NCTX | nc7x@w7yrc.org |
| | Ron Shimek | W7WWB | w7wwb@w7yrc.org |
| Past President | John Snedden | KT7P | kt7p@w7yrc.org |

Yavapai Amateur Radio Club, P O Box 11994, Prescott, AZ 86304-1994. DUES: \$20.00/yr. Visit the website at www.w7yrc.org

K7ARC AZ RED CROSS COMMUNICATIONS CLUB

The Arizona Red Cross Communications Club meets the **SECOND TUESDAY** of each month at 7:00 PM at the Red Cross Building located at 4747 N 22nd Street in Phoenix. The group meets at emergency drills and at the call of the officers.

| | | |
|----------------|-------------------|--------|
| President | Charlie Zurenko | N2TFS |
| Vice President | Mark Steele | KI7RB |
| Secretary | Jerry Quenneville | K1GJQ |
| Treasurer | Saroj Gilber | KM6BQD |
| Past President | Frank Engstrom | KB7IQ |

Arizona Red Cross Communications Club - K7ARC, 4747 N 22nd Street, Phoenix, AZ 85016. Web Site: K7ARC.org Email: info@k7arc.org

NORTHERN ARIZONA DX ASSOCIATION

The Northern Arizona DX Association is a small, but very active club in Flagstaff. We hold our monthly meetings the **FIRST TUESDAY** of each month via ZOOM at 6:00 p.m. MST (01:00 UTC). A ZOOM ragchew is held every Wednesday at 9:00 a.m. Visitors are welcome. Please e-mail President Mike at michael-hanks@hotmail.com to receive the ZOOM invite and password.

| | | |
|----------------|-------------------------|---------------------------|
| President | Mike Hanks, W7QS | michael-hanks@hotmail.com |
| Vice-President | Harry Legrand, KK7IUJ | vicepresident@nadxa.com |
| Secretary | Keith Schlothman, KR7RK | secretary@nadxa.com |
| Treasurer | Ken Held, W7SS | treasurer@nadxa.com |

Website: www.nadxz.com. If you are interested in joining us, please read through our Bylaws (available on the website) and attend a club meeting or breakfast. A sponsor will be assigned to get you acquainted with our merry band



ADAW Member Clubs

CENTER FOR AMATEUR RADIO LEARNING

The Center for Amateur Radio Learning is a hands-on amateur radio station, W7ASC, located within the Arizona Science Center at 600 E. Washington, Phoenix. Hours of operation are the same as the Arizona Science Center (subject to availability of volunteers.) The station is located on the third floor of the Science Center, in the "My Digital World" gallery. Board meetings are held the last month of each quarter at the AZ Science Center. An annual meeting for all volunteers is held the **THIRD SATURDAY** of January. Watch ADAW for details.

| | | | |
|------------------|--------------------|--------|-----------------|
| President | Jack Landon | KD7ROB | 480.759.5195 |
| Vice-President | Gary Malhoit | N4WU | |
| Sec./Scheduling | Sam Marshall | N7INV | 602.291.0992 |
| Treasurer | Karen McConaghy | NO7D | 602.799.7338 |
| Station Engineer | Rusty Kinner | WA8ZID | |
| Board Members: | | | |
| | Tom Salt | AD7PM | At Large |
| | John O'Neal | K7JP | Teacher Packets |
| | Jerry Quenneville, | K1GJQ | ARCA Delegate |

Direct Phone: 602.716.2082

AMATEUR TELEVISION NETWORK

The Amateur Television Network (ATN) promotes video operation on linked repeaters and mesh networks. Business meetings are in January and July. Monthly social meetings are postponed due to the pandemic. Join us online at www.whereby.com/atn1 on Sundays at 7:00 PM AZ time and Tuesdays at 8:30 PM AZ time for our ATV Nets. It's a lot of fun!

If you can, check in with RF on ATV, FM or DMR...
 ATV Repeater Inputs: 434 MHz AM/DVB-T and 2441.5 MHz FM
 ATV Repeater Outputs: Phoenix - 1253.25 and 5910 MHz,
 Mesa - 421.25 and 1289.25 MHz, Tucson - 1277.25 MHz
 FM Repeater Outputs: Phoenix - 448.400 MHz PL 100.0,
 Mesa - 445.175 MHz PL 100.0, Tucson - 445.225 MHz PL 103.5
 DMR Talk Groups: 9410 "ATV Talk" and 31024 "ATN"

We also stream 24x7 on www.youtube.com/amateurtelevisionnetwork and on YouTube at W7ATN-Arizona Live and W7ATN-Mesa Live.

| | | | |
|------------------|----------------|--------|--------------|
| President | Ed Olague | K5OLA | 602.885.7725 |
| Vice President | Rod Fritz | WB9KMO | 480.322.5149 |
| Sec./Treasurer | Lee Weitzel | K0CCU | 602.439.4840 |
| Repeater Trustee | Kevin Jacobson | AD7OI | 602.694.0851 |
| Webmaster | Roland Hoffman | KC6JPG | 562.577.1381 |

ATN-AZ, 4134 W. Danbury Dr. Glendale, AZ 85308. Full membership dues are \$75 annually. Affiliate membership is free. Website: www.atn-tv.org. Email: wb9kmo@gmail.com

WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club, an Arizona 501(c)(3) non-profit corporation, has been providing emergency communications since 1961. Meetings are the **FIRST MONDAY** of each month at 7:00 PM at Shepherd of the Desert Lutheran Church, 11025 N 111th Avenue in Sun City. The board meets on the third Wednesday of the month at 7:00 PM on Zoom. A weekly breakfast is held on Thursdays at Lou's Tivoli Gardens, 12535 W Bell Rd at 7:00 AM. Club nets are held on 147.300 (tone 162.2) at 9:00 AM and at 8:00 PM. Please check our website (<https://westvalleyarc.com>) for other events and information.

| | | | |
|----------------|-----------------|--------|---------------------|
| President | Bill Ciccone | KA2KHV | |
| Vice-President | Josh Cavender | KE7WIL | |
| Secretary | Lee Ann Ciccone | KJ7AZR | |
| Treasurer | Bob Conlin | KJ7JNR | tallbob14@gmail.com |
| Board Member: | Bob Runke | AB7RR | |
| | Mike Stevens | K7BLT | |
| | Larry Johnson | W07C | |
| | Matt Browning | KK7CKE | |

| | | | |
|--------------------|---------------|--------|--|
| Committees: | | | |
| Membership | Krissy Larson | KI7GJJ | |
| Technical Advisory | Frosty Oden | NQ1S | |
| Equip. Donations | Frosty Oden | NQ1S | |
| & Sales | | | |

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://westvalleyarc.com>. Email: suncitywvarc@gmail.com

SUNLIFE AMATEUR RADIO CLUB

The Sunlife Amateur Radio Club is a Snowbird Club and meets **EVERY MONDAY** at 10:00 AM from October through the end of April at the Greenfield Village RV Park, 111 S Green field Road in Mesa. We also gather every Thursday morning at Red Mountain Park.

Nets:

20 Meter Net: Monday, Wednesday, & Friday, 14329 Mhz SSB 12:30 p.m. MST/11:30 a.m. MST during daylight savings time.

10 Meter Net: Tuesday & Thursday, 28.329 Mhz, SSB. 02:00 (UTC) is also crossbanded to KD8PC-L and AllStar 51772 on Tuesday nights.

Venture Out: 2 Meter Net: Monday, Wednesday, & Friday, 1:00 p.m., 146.58 MHz FM simplex, 12:30 p.m.

| | | | |
|----------------|-----------------|--------|--------------------------------|
| President | Jim Steinmetz, | WX7G | steinmetzjb@aol.com |
| Vice President | Stephen Wagner, | W7WHB | w7whb@arrl.net |
| Secretary | Roy Gager | KD7WRC | roygager@mac.com |
| Treasurer | Cheri Goforth, | KD7ZXD | treasurer.sunlifearc@gmail.com |

Membership dues are \$10.00/year. If you would like to be a member, visit the website at <https://www.sunlifearc.org/>



ADAW Member Clubs

AMO - ARIZONA MESH ORGANIZATION

The Arizona Mesh Organization (AMO) is a 501(c)(3) amateur radio club. Our goals and purpose is to promote and support ARDEN MESH Networks throughout the state of Arizona, to explore new technologies, to promote the education of what amateur radio mesh is, to support and exchange information with mesh users throughout the state, to further the technology of mesh radio itself, to support emergency and public service communications, and (of course) to have fun along the way. **Board Meetings** are held the second Monday of each month on Zoom at 7:00 PM until approx. 9:00 PM. **General Meetings** are the **THIRD MONDAY** of each month at the Charles K. Luster Building, 640 N Mesa Drive in Mesa (a half mile north of W University Drive, west side of N Mesa Drive) and on Zoom. Doors open at 6:30; meetings are 7:00 PM until approx. 9:00 PM. **AMO Weekly Nets** are held the other Mondays at 7:00 PM on Zoom. If you need the Zoom link, please contact the AMO President at least 2 hours before the meeting at president@arizonamesh.org.

| | | |
|--------------------|-------------------------|--|
| President: | Gary Hinton, AC7R | president@arizonamesh.org |
| Vice-President | Steve Estes, KB7KWK | vicepresident@arizonamesh.org |
| Treasurer: | Scott Gillins, W2KP | treasurer@arizonamesh.org |
| Secretary: | | secretary@arizonamesh.org |
| Board of Directors | | |
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| | Michael Bailey, KI7LXY | ki7lxy@arizonamesh.org |
| | Charles Whitlatch, W7VF | wyvf@arizonamesh.org |
| | Bob Howard, W8RH | w8rh@arizonamesh.org |
| | Rod Fritz, WB9KMO | wb9kmo@arizonamesh.org |

Web Site: <https://arizonamesh.org/> Email: info@arizonamesh.org
DUES: \$25.00 per year. Membership year runs January 1 - December 31.

ARIZONA OUTLAWS CONTEST CLUB

The Arizona Outlaws Contest Club ("AOCC") does not hold routine meetings. At least once per year, we hold the AOCC Roundup, a catered event that rotates each year between Phoenix, Tucson, and Prescott. All members have access to an email reflector. Members post comments, questions, and their contest scores. All licensed amateur radio operators interested in amateur radio contesting (also known internationally as "radiosport") are eligible for membership. For more information, see our website, www.arizonaoutlaws.net.

| | | |
|---------------------|---------------------|--|
| President: | Mike Fulcher, KC7V | mikekc7v@gmail.com |
| V. P. North Area | Ray Benny, N6VR | n6vr@arrl.net |
| V.P Central Area | Chuck Zanella, KF7U | Chuck_KF7U@outlook.com |
| V.P. South Area | Owen Watson, AK7W | ak7w.owen@gmail.com |
| Secretary/Treasurer | Larry Reader, KE2VB | larry.ke2vb@gmail.com |

Arizona Outlaws Contest Club, 1099 N Olympic Pl, Tucson, AZ 85737. Dues are \$10 per year. For more information, contesting resources, and a membership application, visit our website: www.arizonaoutlaws.net.

ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Northwest Campus, Pima Community College, 7600 N Shannon Road in Tucson. (Monthly meetings are live-streamed.) Visitors are welcome. Board Meetings are held the second Tuesday of every month at 7:00 p.m. via ZOOM. Check the web site at www.tucsonhamradio.org for dates.

| | | |
|----------------|-------------------------|--|
| President | Steve Wood W1SR | w1sr@arrl.net |
| Vice-President | David Beauchesne AK2L | ak2l@arrl.net |
| Secretary | Logan Zintsmaster KE7AZ | lrahnz@garlic.com |
| Treasurer | Beverly Hester WB7BEV | wb7bev@cox.net |
| Board Member | Fred Bresani W2HZ | w2hz@verizon.net |
| Board Member | Andreas Proroczo W1IXQ | teslarocks77@gmail.com |
| Board Member | John Behrens K7JWB | johnbehrens@comcast.net |

DUES: \$25.00/year (Household members living at same address \$15.00 each additional). To join or for additional information, visit website at <http://www.tucsonhamradio.org/>.



THE AMATEUR'S CODE

ONE

The Amateur is Considerate . . . He never knowingly uses the air in such a way as to lessen the pleasure of others.

TWO

The Amateur is Loyal . . . He offers his loyalty, encouragement and support to his fellow radio amateurs, his local club and to the American Radio Relay League, through which Amateur Radio is represented.

THREE

The Amateur is Progressive . . . He keeps his station abreast of science. It is well-built and efficient. His operating practice is above reproach.

FOUR

The Amateur is Friendly . . . Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance cooperation and consideration for the interests of others; these are marks of the amateur spirit.

FIVE

The Amateur is Balanced . . . Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

SIX

The Amateur is Patriotic . . . His knowledge and his station are always ready for the service of his country and his community.

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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**

From the Editor's Desk

Happy October everyone!

We start the fall season off with two hamfests this month. Unfortunately, they are both on the same date and at nearly opposite ends of the state.

The Tucson Area Harvest Ham(fest) will take place on October 7, 2023 at the Calvary Tucson Church, the same place as last year. The Radio Society of Tucson presents this event. Check the Hamfest Calendar on page 11 and the flyer in the flyers file for more information.

The Tonto Amateur Radio Association will hold their Ham Swapfest on October 7, 2023 also. This yearly event takes place at the Ponderosa Bible Church in Payson. A potluck/BBQ will be held in addition to the swap meet. Just bring your own meat and something to share. The grill and condiments will be provided. For all the details, check the listing on the Hamfest Calendar and the flyer.

The 2023 Arizona QSO Party takes place on October 14 - 15. (1500z October 14 until 0500z October 15, 2023 UTC to be exact.) There are several entry categories that can be entered. There are several bands that can be used on CW and phone. Check out the flyer in the flyers file and visit the website at www.AZQP.org for all the info and to enter.

Are you interested in upgrading your license to General? If you live in the Prescott area, you're in luck. The Yavapai Amateur Radio Club is holding a General license class on October 28th and November 4th at the Jeep Posse Building in Prescott. Visit their website (www.w7yrc.org) for more information and to sign up.

While we're on the subject of classes, do you want to really learn RF? Mesa Community College has added an Analog RF Communications class to their catalogue. The class meets two nights a week on the MCC campus. See the flyer for more information about the class and how to enroll.

All the pint size ghosts and goblins will be roaming the streets in search of sweet treats at the end of the month. Please be extra careful if you're out driving.

See you next month. Happy Halloween!

Christine, N7PVL

ADAW





For Sale / Wanted



**LOOK!
Great Deals!**

For Sale

Navajo Link Repeater Network

The Navajo Link repeater network is a new linked repeater system being installed in Navajo County. It is sponsored by the Kachina Amateur Radio Club with the assistance of the Navajo County Sheriff's department. Currently, this proposed system is being funded by the generous donations of licensed Amateur operators and the Kachina Amateur Radio Club. We are hoping to obtain development grants to help with the cost of new needed equipment, and welcome donations from anyone who would like to help.

Navajo Link Repeaters

| Frequency | Call | Offset | Info. | Tone | Location |
|-----------|------|--------|---|-------|-------------------------|
| 145.310 | W7EH | -0.6 | Linked | 110.9 | Greens Pk |
| 145.330 | W7EH | -0.6 | Local | 110.9 | Holbrook Admin Butte |
| 146.640 | W7EH | -0.6 | Local | 110.9 | Chevelon Butte |
| 146.780 | W7EH | -0.6 | Local | 110.9 | Brook Bank Pl |
| 449.150 | W7EH | -0.6 | Linked | 110.9 | Show Low Torreon |
| 146.820 | N7KQ | -0.6 | Local * to be linked in future | 136.5 | Clay Springs |

Future Navajo Link Repeater

| Frequency | Call | Offset | Info. | Tone | Location |
|-----------|------|--------|--------|-------|------------|
| 147.38 | W7EH | -0.6 | Linked | 110.9 | Cooley Mtn |

For a list White Mountain Repeaters, please visit Kachinaarc.org.



For Sale - "The Dominator" 6 meter, 5/8 wave vertical antenna. Made like a tank in Italy by SIRIO. Is in perfect condition in Tucson. \$100.00

Contact Richard Bruns, K7VQ at d_brunz27@yahoo.com

11.0/13.5 KW 120/240 V Predator Generator

Looks and runs like new. Electric start with 12V battery and charger. Purchased 8/3/16, has 37 hours total run time. Comes with Manual, complete maintenance log, 90' 50-A cable, and dual 6' loading ramps. \$1800.00 Contact: Dave West K9JKN at WestDL@aol.com or 480.641.1480.

The **West Valley Amateur Radio Club** has radios and ALL kinds of supplies available for sale through the club. We get some old equipment that won't sell that will be added to the items for free. Contact: TBD



**October
Breast Cancer
Awareness Month**



AOCC Continued from Previous Column

The NOSCC club competition is not affiliated with the NAQP contests or its sponsors. Full details are in the attached announcement and at <http://pvrc.org/NOCC.html>.

As a reminder, you can find contest dates and links to rules by looking at www.contestcalendar.com. You can also check to see what dxpeditions will be on for DX contests at <https://www.ng3k.com/>.

Contest Tip this month – contest setup files, specifically macros. I use N1MM but every contest logging program allows you to set up macros using the F keys. Study the macros and use them to simplify and automate your operating. I do SO2R a lot so I've been playing with macros that will put both my ears on the 2nd radio while the other radio is transmitting. If I want to use my RX Antenna on my older Kenwood TS-2000 I have to go into the menu to turn it on and then same to turn it off. Not very convenient to switch between receiving on my TX antenna and the RX antenna. I found a macro that N2IC uses in N1MM where I programmed the macro into one of my F keys and now I can go to the RX antenna by pushing a button. Much simpler process. If you study the macros available, you might find one you can put to good use.

Our members include elite contesters who have operated from many DXCC entities around the globe as well as beginners wanting to learn more and who may submit a score of only a few QSOs. We encourage all stations, big or small, to get on and participate in contests and make contacts. There are excellent resources among club members and on our club website for contesting help.

AOCC accomplishments –

- 2023 ARRL DX SSB Contest - AOCC was #8 USA Club
- AOCC Finishes #8 USA (Unlimited Clubs) in 2023 ARRL DX (CW+SSB) Contests
- 2023 CQWPX RTTY - #7 USA - 9,048,324 points (22 entries)

Keep posting your scores. We welcome all who wish to join the ham contesting/radiosport world.

73,
Mike KC7V

Led by Chuck, KF7U, AOCC has moved our reflector to groups.io. This gives us more features, such as attachments. If you are an AOCC member, and have not received an invite, reach out to Chuck at Chuck_KF7U@outlook.com

AOCC held its annual Roundup at the Ajo Al's restaurant in Phoenix. We had 32 attendees. It was great to see everyone in person again! We are at the start of the fall contest season. By the time you read this the CQWVRTTY contest will have ended but the big CQWSSB contest is at the end of October. Get your stations ready and jump in on the fun. You will find a decent contest every weekend throughout the next few months. Pick what looks good to you and make some QSO's. We hope the flux will stay high, the summer doldrums will end, and conditions will be fantastic.

We are looking to make the ladder easier to manage. We will be cutting some of the lesser used awards. In lieu of raising dues, we are cutting costs out of the budget. As you know, just about everything has gone up in cost the past year.

The ARRL Programs and Services committee has approved changes to the ARRL Affiliated Club Competition (ACC). The eligibility circle radius for clubs in the unlimited and medium categories active in the club competition will increase from 175 to 250 miles. The local club category radius will remain at 35 miles. Contest club secretaries should revisit their club's eligibility lists and make any necessary updates before the start of the next contest. This new circle matches what the CQ contests use and allows AOCC to cover some outlying members who were not able to add their scores to AOCC. Great News!

Please start thinking about holding a position on the AOCC board. I am not going to be a lifetime President. I need a break too. I enjoy it, but have other things to do. Time for some of you younger guys to step up and help out.

The Potomac Valley Radio Club is pleased to announce they are sponsoring a new club competition for the North American QSO Parties - the NAQP Online Scoreboard Club Challenge (NOCC). This competition is open to all clubs. The only requirement is to post your individual scores on the Contest Online Scoreboard (contestonlinescore.com) along with your club affiliation. Cumulative club scores will be tallied for all six NAQP events during 2023 and the winning club will be awarded a plaque.

ADAW



October 9th

Continued Next Column

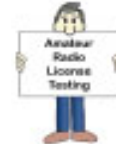
License Testing Information

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). An FCC-issued FRN number is required. If you do not have an FCC-issued FRN number, visit <https://apps.fcc.gov/coresWeb/publicHome.do> to obtain one. 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 an exam 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.

IMPORTANT NOTICE: In light of the current situation with the COVID-19 virus, please call to verify whether test session will be held.

October Test Sessions



Oct 2nd - WVARC -- 6:00 PM

Shepherd of the Desert Lutheran Church-Walton Hall
11025 N 111th Ave, Sun City
Contact - David Morrill 623.680.5011
No Walk-Ins / Register or Call Ahead

Oct 7th - Chandler Ham Radio Club -- 10:00 AM

Tri-City Baptist Church, 2211 Germann Rd, Chandler
Bldg D, Room 170
Contact - Byron Garranbrant ve@chandlerhams.org
Walk-Ins Allowed / Registration or Call Ahead
Register at: chandlerhams.org/testing/

Oct 7th - Tonto ARA -- 9:00 AM

Ponderosa Bible Church, 1800 N Beeline Hwy, Payson
Contact - Darde G De Roulhac 928.468.1487

Oct 7th - K7ARC VE Team -- 10:00 AM

American Red Cross, 4747 N 22nd St, Phoenix
Contact - Brandi Bridges k7arc.ve@gmail.com
No Walk-Ins / Register at k7arc.org

Oct 7th - Yavapai ARC -- 9:00 AM

Jeep Posse Bldg in Pioneer Park, 1200 Commerce Dr, Prescott
Contact - Donald Bauer 928.775.4690
Pre-Register online: www.w7yrc.org

Oct 7th - Kachina ARC -- 9:00 AM

Taylor/Snowflake Fire Dept, 425 Papermill Rd, Taylor
Contact Vincent Cattolica 520.591.4576

Oct 9th - East Valley VE Group -- 6:00 PM

Charles K Luster Bldg, 640 Mesa Dr, Mesa
Contact - Ray Vasquez 480.696.1581
MUST obtain FRN prior to exam - \$15.00 Exam Fee Cash Only

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

Immanuel Presbyterian Church, Witherspoon Hall
252 E 22nd St, Tucson
Contact - Diane Zimmerman 520.664.5070

Oct 14th - MCC ARC K7CC & East Valley VE Group -- 10:00 AM
Mesa Community College Bldg TC50, 1833 W Southern Ave, Mesa
Contact - Ray Vasquez 602.363.4207

Oct 17th - HARK -- 2:00 PM

Congress, 30736 S Wandering Way, Congress
Contact - Duane Grooms 602.814.9603
No Walk-Ins / Register or Call Ahead

Oct 17th - Boy Scout Troop 127 -- 7:00 PM

St Francis Xavier School Common Rm, 4715 N Central Ave, Phoenix
Contact - John Kelly 480.823.8993

Oct 17th - MARCA ARC -- 5:00 PM

Denny's, 4403 S Rural Rd, Tempe
Contact - Ray Vasquez 480.696.1581
MUST obtain FRN prior to exam - \$15.00 Exam Fee Cash Only

Oct 18th - Thunderbird ARC -- 6:00 PM

Northwest Christian School, 16401 N 43rd Ave, Phoenix
Enter Gate 9, Room 423
Contact - Walter Reinert 602.668.7804
No Walk-Ins / Register or Call Ahead

Oct 20th - Oro Valley ARC -- 5:30 PM

Pima Community College, 7600 N Shannon Rd,
Bldg A, Rm 208, Tucson
Contact - David Beauschesne 831.345.3308

Oct 21st - Northern AZ DX Association -- 10:00 AM

Flagstaff Fire Station #5, 2525 N Fort Valley Rd, Flagstaff
Contact - Mike Hanks michael_hanks@hotmail.com
No Walk-Ins / Register or Call Ahead

Oct 21st - Un-sponsored -- 1:00 PM

Kingman Regional Medical Ctr, Stockton Hill Rd & Beverly
Challe Room, Kingman
Contact - Jack Gunnoe 928.530.4745

Continued on Page 11

Hamfest Calendar

7 October 2023 (**New Date!**) - **Tucson Area Harvest Ham(fest)** - hosted by the Radio Society of Tucson will be held at Calvary Tucson Church, 8711 E Speedway Blvd in Tucson. Hours are 7:00 AM to 11:00 AM with seller set up starting at 6:00 AM. Free Admission. Seller/Vendor Spaces - \$10/ parking space. Morning Snacks by Scout Troop 157. For more information, visit the web site at <http://www.k7rst.club>.

7 October 2023 - **TARA Ham Swapfest** - hosted by the Tonto Amateur Radio Society will be held in the parking lot of Ponderosa Bible Church, 1800 N Beeline Highway in Payson. Hours are 8:00 AM until 12:00 Noon. Free Admission and Parking. Sellers - \$5.00 per parking space. Set up begins at 7:00 AM, selling at 8:00 AM. VE session will be held indoors at 9:00 AM. Talk In - 147.39MHz - 100 HZ PL. Visit the web site at <https://n7tar.org/> or contact Bruce Johnson, N7DDT at 623-533-1774 (email: injectionresource@gmail.com) for more information.

28 October 2023 - **COPAfest** - hosted by the Maricopa Amateur Radio Association will be held at The Ultrastar at Ak-Chin Circle, 16000 N Maricopa Rd in Maricopa. Hours are 7:00 AM until 1:00 PM. Admission Donation is \$5.00 per person. Spaces are \$10.00 for two parking spaces. Set up begins at 5:00 AM. Balloon Launch, VE Testing, Card Checking, Vendor Exhibits, Seminars, Prizes and more. Many activities available in the Multitainment Center including laser tag, bowling, movies, games, dining and more. Dining and Hotel also available. For information, email fest@copafest.org or visit the website at www.copafest.org.

4 November 2023 - **HARKfest Tailgate Hamfest** - hosted by the Hassayampa Amateur Radio Klub will be held at Redeemer Lutheran Church Annex, 470 Rose Lane in Wickenburg. Hours are 8:00 AM to 12:00 Noon. Free Admission. \$5.00 Outside Tailgating - \$10.00 Inside Table. Must pre-register with HARKfest Manager, Duane, KD0KYK: djgrooms@yahoo.com. Main and door prizes. Overnight Full RV hook-up or dry camping available barely 15 minutes up Hwy 89 at North Ranch Escapees RV Park (northranch.escapeesrvparks.com). For more information and questions, email Duane, KD0KYK at djgrooms@yahoo.com.

11 November 2023 - **Tucson Hamfest** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11285 W Grier Road in Marana. Gates open at 7:00 AM (5:00 AM for sellers). Closes at 1:00 PM. \$5.00 Admission includes a bottle of water. Children under 12 are free with a paid adult. Students are free with any AZ school ID. Seller spaces - \$10.00 per space (includes the seller). Indoor VE session. Pre-registration preferred - email licensing@tucsonhamradio.org. ARRL Card Checking, Interesting Seminars, Prizes! Food Truck available for Breakfast and Lunch. Contact hamfest@tucsonhamradio.org for more information.

2 December 2023 - **Superstition Superfest** - 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. Grand Prizes. Expected Activities Include: Presentations, VE Testing, Hourly Drawings, Tailgating, Commercial Vendors, Club Booths and Musical Entertainment by KD8PC. Watch for details. Contact Chairperson Sharon Newman-Matt at kf7jtk@superstitionarc.org for more information.

13 January 2024 - **Thunderbird Hamfest and Electronics Swap Meet** - hosted by the Thunderbird Amateur Radio Club will be held at Haven Church, 5902 W Cactus Rd in Glendale. Hours are 8:00 AM - 12:00 Noon. Admission - \$5.00 each which includes a door prize ticket. Commercial Vendor set up Friday after 5:00 PM and/or Saturday at 6:00 AM. Tailgaters and Clubs set up Saturday after 7:00 AM. Space are \$10.00 for each space used or blocked. Two admissions tickets included with space. Food provided by Queso Good - Quesadilla Truck. See the web site at tbirdfest.org for more details.

21-27 January 2024 - **Quartzfest** - will be held at the Roadrunner BLM outside of Quartzside. A full week of ham radio activities, seminars, off-road rides, swap meet, and flea market shopping. Check the web site at www.quartzfest.org for details.

July 2024 - **Flagstaff Hamfest** - hosted by the Northern Arizona DX Association. More details will be posted they become available.

ADAW

October Test Sessions Continued from Page 10

Oct 21st - Hualapai ARC -- 10:00 AM

VE's Residence, 3571 E Lum Ave, Kingman

Contact - Alyce Ingle

425.231.9173

Oct 21st - West Valley Electronic Club -- 9:00 AM

The Shack, 11115 W Nevada Ave (111th & Nevada), Youngtown

Bring FRN, pencil & pen, and \$15.00

Contact - David Morrill

623.680.5011

No Walk-Ins / Register or Call Ahead / Limited Seating

Oct 24th - Green Valley ARC -- 1:30 PM

Green Valley Fire Dept HQ, 1285 W Camino Encanto, Green Valley

Contact - David Bowen

520.526.2104

Oct 28th - Arizona ARC -- 10:00 AM

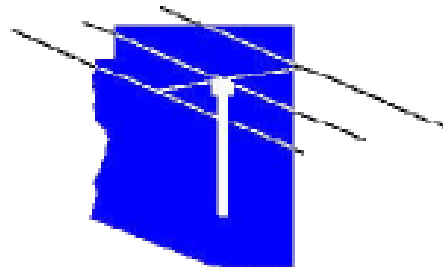
American Red Cross, 4747 N 22nd St, Phoenix

Contact - Gary Hamman

602.996.8148

No Walk-Ins / Register or Call Ahead

Pre-Register Required by the Thursday before session



MARCA INC.

I was ready to cheer that summer was over until this weekend. Although it's still hot, I can tell that the seasons are about to change judging from our club calendar. Outings are coming, the **HAMFEST** is coming and there's already much conversation about holiday parties.

Speaking of holiday parties, many thanks to Joe - KC2J for helping us locate a venue for our Holiday Christmas Party coming up in December. More on that in future months.

Our first full outing is coming up on the very last day of September, September 30th. Thanks to Andreas – W1IXQ, we are all organized to go for a nice cool outing at Ann Day Community Park. This is an excellent location for an outing. We have a beautiful ramada, and it is very, very quiet in this particular park. Whether you are a member or not, navigate your way to Ann Day Community Park on Saturday morning September 30th and say hello to everyone. Bring a chair if you want to stay a while. We would enjoy having you. (The park is located just north of Ina Road on Mona Lisa)

Our thoughts and prayers go out to two OVARC Directors who have recently had their share of hospital stays. We wish David - AK2L and Logan - KE7AZ a speedy recovery.

Thanks to John – K7JWB for organizing an order for club badges. Nearly all of them have arrived and we will be ordering more before the end of this year. Thanks John!

Thanks to Gerry - KK7HTF for keeping things alive at Pima Community College. With Gerry's help and connections, OVARC will be attending a student outreach on Monday, September 11th. The objective is to get students involved in the new Pima Community College Amateur Radio Club.

Special thanks to Mike - K7VTT for always keeping our website looking "spiffy." Whenever someone alerts Mike to a change, he is on it right away. Thanks Mike!

When you are looking for some ham radio activity on Sunday Evening, please join us on our weekly Sunday evening net. It is held on the Keystone Peak (146.62) repeater at 7:30 PM. Although there are many check-ins, the net usually doesn't last too long so we promise not to compromise your bedtime. Please join us! All are welcome!

Thanks to Walt - AL7KE for accompanying me to the September K7UAZ meeting.

Our annual fall **HAMFEST** is ready to roll. Please circle your calendar for Saturday, November 11, 2023. Coincidentally, this is Veteran's Day. If you have been to an OVARC Hamfest before, you know exactly where it is.

Continued Next Column

Everyone is welcome to join us for our meetings which are the third Tuesday of the month at Denny's Restaurant, 4403 S Rural Rd, Tempe, AZ 85282 – which is at the southeast corner of Rural Rd and U.S. 60. Or see our website for attending via Zoom. The meeting begins at 6:30 PM, MST.

Our August meeting was well attended, considering that it was an "informal summer" meeting. My notes show that there were eleven people attending in person, and four via Zoom. Dick Pache, K2LCT, led a discussion regarding "LoRa" data radios. These are radios that can work at much longer distances than WiFi, though with lower data rates. I also spent a few minutes "previewing" something that I'm working on to submit for the "Hints and Hacks" section of *QST* magazine.

Before the August meeting, we held an exam session, with four candidates, all of whom passed the Technician exam. One went on to pass the General exam.

MARCA also "sponsored" an exam session on September 9 for the GNU Radio Conference that was held on the main ASU campus. The GNU Radio organization is for folks working on open-source software defined radio, and they hold their annual conference in a different city every year. Ray Vasquez, K4RMV, reports that there were fourteen candidates tested, with thirteen of them passing one or more elements. The final results were two Extras, one General, and ten Technicians, including candidates wanting to upgrade an existing license. Demographically, thirteen of the candidates were male and one was female; four were from Arizona, and ten were out-of-state. Ray had recruited several VEs to help with this session, whom we all thank for their help!

Please check our website– www.W7MOT.org – for details on signing up for our monthly test sessions, or to attend the meeting via Zoom. (We do encourage people to show up in person and join us for supper – it helps keep the restaurant happy!)

Clark Jones, KI7TU

OVARC Continued from Previous Column

Please plan to make the trip this year. I look forward to meeting many of you there. See the Hamfest bulletin from ADAW for more details or check our website at www.tucsonhamradio.org

With better weather not too far away, contest season starting, and lots of outings and picnics coming up, now is a great time to get your gear ready for the winter months and, by all means, get on the air whenever you can.

73, Steve – W1SR



Greetings from the mile high city of Prescott and the Quad City area. Fall is in the air and the hamfests are returning to the southern area. Something to do on the weekends and visit with friends we don't see during the heat-infested summer!

YARC is finishing up the Public Service Events for the 2023 season with events on the last three weekends of September and the 45th Whiskey Row Marathon on October 14th wrapping up the year. Public Service events are used to exercise the ARES/RACES MARC van and net control operators along with YARC members in a Real Emergency Drill (RED). These events are the closest you can get to working an actual emergency without having one. Things that can go wrong sometimes do and operators learn to adapt and conquer and stay in the fight. You can't do or learn that in a classroom or during a weekly net. You do not have to be a club member or an ARES/RACES member to join in. Check out our website at www.W7YRC.org and click on the Public Service tab for contact and sign-up information.

The Friday evening after our Thursday club meeting is open house night at the YARC station housed in the Jeep Posse building in Pioneer Park. Starting at 6:00 PM the station is open with Station Captain Mike Balenger W1DGL running the ship. You can even bring your own transceiver in and hook up to the tower array and see what you can do with it. We continue to run several nets during the week on 2m, 6m and even 10m and you don't have to be a club member to join in. See our net lineup on our website and join in!

YARC also has a monthly T-Hunt the first Saturday of each month starting at 1:00 PM. The next three months, October, November, and December will meet in Prescott Valley at the Hobby Lobby parking lot off Hwy. 69. We use the MMRG repeater, 147.000 with a positive offset and a PL of 162.2 for the PV hunts. Lots of room for ride alongs and new participants, so come on out for a fun time. The hunt ends at 3:00 PM and the group heads out to a local eatery/drinkery to tell the woulda, shoulda, coulda stories and how close to winning they were.

Our Elmers and Mentors stay busy with the Elmers putting up new stuff, taking down old stuff, doing site surveys and assisting families with radio equipment left behind by a Silent Key. The Mentors are assisting new members with making sure they have information, referrals, recommendations, and how-to sessions in their stations. We continue VE testing and license classes throughout the year. Please see our website for dates, times, places, and sign ups. Coming soon will be on-line testing and in-person testing with tablet devices to catch up with the 21st century.

Our Youth Radio Science Club continues to grow. The community reach outs by Heather W8GEM and David K1AN continue to add to the youth group. Radio Science in schools, public libraries, and meetings at their QTH continue to bring in new and younger blood to the hobby. A goal to lower the average age of Hams is in the future!

Continued Next Column

YARC Continued from Previous Column

We will be wrapping up the year with elections in November, our NRA Birthday SES at Gunsite, and a YARC-sponsored dinner for the members in December to tie the bow on the year. Looking forward to the future is always better with a full tummy surrounded by friends.

So welcome to the Fall season with the cooler days and nights, the changing of the season colors, the openings for good DX, and ghosts and goblins that will soon be out and taking over the neighborhoods.

73 from YARC!

The Yavapai Amateur Radio Club meets at the Freeman Building at the Prescott Rodeo Grounds, 840 Rodeo Drive, Prescott, AZ 86305 on the first Thursday of every (almost) month, at 7:00 PM. Or, if you would like to join the fray via Zoom, the link can be found on the front page of our website, www.w7yrc.org. Please consider joining us for a club meeting or visit our club station on our open house days.

License classes are available if you are in the central Arizona area and want to get licensed or upgrade. The schedule for 2023 is here:

Technician class is scheduled for September 23rd and 30th at the Jeep Posse Building 8:30 a.m. to 4:00 p.m.

General Class will be October 28th and November 4th, at Jeep Posse Building 8:30 a.m. to 4:00 p.m. See our website for more info.

Amateur license testing is available in Prescott. YARC's next session will be on October 7, 2023. Pre-registration is highly recommended at hamstudy.org. All remaining test sessions for 2023 are now on the YARC website or the ARRL exams page on their site. Please see our website for details on registration. 2024 test sessions will be posted shortly and announced here.

The Yavapai Amateur Radio Club conducts several radio Nets each week. You are invited to check in whenever you can. Details of all nets can be found on our website.

Public service events for the remainder of the year are:

Chino Grinder – September 16, 2023 – Contact: Don Sears N7PLL (donsears@zoho.com)

Groom Creek Classic – September 23, 2023 – Contact: Frank Bender K8FB (fhb47@hotmail.com)

Whiskey Row Marathon – October 7, 2023 – Contact: John Snedden KT7P (kt7p19@gmail.com).

NRA Birthday Special Event

We will be doing a special event operation on November 17 in commemoration of the National Rifle Assn's 152 birthday. Details can be found on our website.

Remember: BE RADIO ACTIVE!

ADAW



NADXA Continued from Previous Column

CONTESTING

The NADXA Editor's Choice for October contesting is "Arizona QSO Party." How could it be anything else? I will be operating from my home in the most populated and likely the



least needed county in Arizona (Maricopa), but hope to work all 15 counties. The contest date and times are: 1500Z, Oct 14 to 0500Z, Oct 15. The Arizona QSO Party website is here: <https://www.azqp.org/>. The rules can be found at: <http://azqp.contesting.com/>. For other contests see: <https://www.contestcalendar.com/perpetualcal.php>

SPECIAL EVENTS

Quartzfest will happen in January and the DX Challenge will be sponsored by NADXA again this year. This is a fun event but you must be present and operating from Quartzfest to participate. The winners always get a special hat to show off their accomplishment. Come and join in the fun from the best desert dry camping event. More detail next month.

QF DX Challenge Winners

GOODWILL



We have formed our Educational Outreach Committee with four members initially making this an integral part of our organization. Events at Seligman school will continue and SUSD will be added as a potential target. Also - Watch here as Christmas approaches for opportunities to help out with the Flagstaff Marines Charities "Toys For Tots." We usually help by assembling toys and installing batteries before the toys go out to the children. More Later.

If you are interested in joining one of these subgroups of our club contact Mike, W7QS at president@nadxa.com.

GUD DX & 73,
Ron Gerlak, KG7OH
NADXA Editor

The NORTHERN ARIZONA DX ASSOCIATION is a very active DX club that also participates in contests, special events, goodwill projects, and hosts the Flagstaff Hamfest. We meet monthly on the first Tuesday of the month at 6:00 p.m. MST on Zoom for our regular meeting. We also have a casual weekly rag chew on ZOOM at 9:00 a.m. every Wednesday where we talk about club projects, equipment, problems, or whatever. Everyone is welcome to attend. Just email president@nadxa.com for the Zoom links. We would really enjoy having you join us! For more details check out our club website <https://www.nadxa.com/>



Our DX Shirts

October will be a good month to chase these DX stations:

10/1/23 - 10/31/23, Vanuatu, YJ0TT, By NC7M N7JI K6VHF W6UC NG7E fm Port Vila; 160-6m + 23cm EME; CW SSB + digital; exact dates TBA; all ops will have personal call signs.

10/3/23 - 10/15/23, Marshall Is, V7, LoTW, DL2AH, 20230116, By DL2AH as TBD (perhaps V73AH); 80-6m; SSB FT8; Windom, TripleLeg; QSL via Club Log OQRS or DL2AH direct

10/4/23 - 10/11/12, East Kiribati, T32AN, EB7DX, By K3AAN CX3AN fm Kiritimati I (IOTA OC-024); 40-6m; SSB CW; holiday style operation.

You can find more info on these and other "Announced DX Operations" at: <https://www.ng3k.com/misc/adxo.html>

Continued Next Column



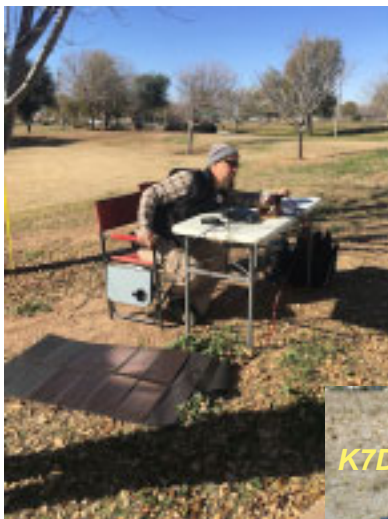
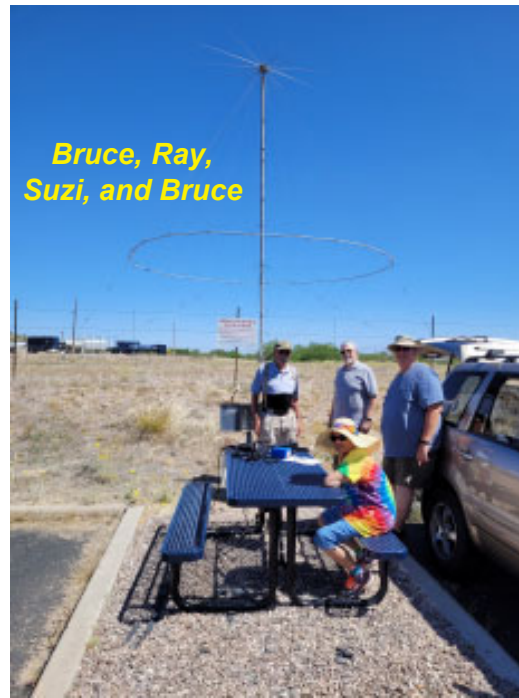
Hope you all have been having a good summer. We are looking forward to a nice Autumn and the Holidays!

Our summer has been busy with our monthly VE testings, CHRC monthly meetings and guest speakers, CHRC's Anniversary Party in July, SOTA adventures that are run by two of our club members, Lee and Lin, Fox Hunts run by Byon, our monthly club breakfasts at IHOP, and CHRC club members visiting other club meetings. Our Be-Hip events will be starting back up in October! Those are always a fun time and are run by Gary, our Club Founder and club member.

A BIG Thank you to all those who serve our Club, our Members, and our Guests. You ALL do a Wonderful job!

We would love for ANYONE who is able to join us in any of these events to connect with us! To see what is going on, please visit our website at <http://chandlerhams.org/>

73,
Debbi Smith KJ7MIQ
V.P. CHRC



ADAW



AMATEUR RADIO SERVICE DEMONSTRATION STATION

W7ASC is a Demonstration Station for the Amateur Radio (public) Service. The Volunteers who operate the station are members of the Center for Amateur Radio Learning (C.A.R.L.), a 501(c)(3) corporation. The Harkins Ham Shack is open to all who visit Arizona Science Center (ASC) during those hours when ASC is open. The station is located on the third floor of the Science Center in the “My Digital World” gallery. Direct phone number is 602-716-2082.

ASC is open daily, 10:30 a.m. – 4:00 p.m. The ham shack is manned by our volunteer staff who are typically in the shack on weekdays until approximately 2:00 p.m. You can also learn more about CARL and W7ASC by searching our W7ASC callsign on QRZ.com.

Volunteers Needed at W7ASC for Ham Radio/STEM Outreach

We need some additional volunteers to help CARL’s efforts to create an interest in ham radio and STEM education at W7ASC!! As a volunteer, you would interact with both young and old who are visiting the Arizona Science Center because they are interested and inquisitive about science.

As many of us have read recently, the Phoenix area is short handed on technically skilled workers to support the new industries growing up around us. I personally feel that ham radio’s “citizen science” approach to discovery could help further an interest in STEM education among Arizona’s schoolchildren so we can create the next generation of our much needed technical workforce.

I speak with many young adults that grew up in the Phoenix area and they fondly remember the ham shack and sending their name in Morse Code on their school field trips. We make a big impression with this activity! Recently, we have seen a resurgence in interest in the Morse Code among the school tour groups thanks to it being adopted as an old school hack on the “Stranger Things” series.

It is quite heartening when we see a school tour group’s initial visitors to the Harkins Ham Shack start dragging their friends and classmates over and insisting they need to try Morse Code. We regularly get our school age visitors telling us that “Morse Code is really cool!” A volunteer does not need to be very proficient at code. I personally have found our Morse Code activity to be beneficial in exercising my Tech Plus 5wpm skills that were never really used after my initial code test.

CARL Continued from Previous Column

Beyond the Morse Code activity, we talk to visitors who often have questions about radio. Some have experience with radios including some who are hams. These conversations can evolve into multiple topics about the broad interests of ham radio. Folks who work in IT seem drawn to our activities and displays in the Harkins Ham Shack. Their professional familiarity with WiFi network operations allows us to reach out to inform them of amateur radio MESH network activities.

W7ASC has upped its game in operating the satellites since the pandemic. This allows for higher level discussions such as how satellite repeater systems work and line of site communications. We proudly boast of our contact with the ISS in 2022.

Our GeoChron world map provides real time locations of the sats along with their current reception pattern. This visual insight really allows the conversations to go much deeper. The GeoChron also shows geomagnetic data which allows our conversations to branch of into subjects such as solar weather, auroras, and their effects on radio propagation.

Our FlexRadio’s spectral activity and waterfall displays often generate inquiries as they give our interested visitors a visual real time sense of radio activity across the spectrum. The waterfall display can provide a great visual representation of the dits and dahs when we monitor CW beacons and conversations.

As you can see, CARL has the tools to allow us to reach visitors to create an interest in ham radio and its associated technologies on multiple levels. We would love to hear from you if you want to help us with our ham radio and STEM outreach mission.

If you want to share your love of amateur radio with the interested and inquisitive visitors to the Arizona Science Center, then please join the Center for Amateur Radio Learning as a volunteer at W7ASC. You can also learn more about CARL by searching on our W7ASC callsign on QRZ.com. On our QRZ page, you will find a link to an application to volunteer at the Arizona Science Center (be sure to note on the application that you want to volunteer at the ham shack). You can also learn more by contacting your editor Sam N7INV at w7asc.sked@gmail.com or by contacting CARL’s president Jack KD7ROB at jacklondon17@gmail.com.

73 de N7INV Sam
w7asc.sked@gmail.com
602.291.0992



Continued Next Column



ARA Continued from Previous Column

Planned trips

Pinal Peak became operational as an ARA site in July 2000.

Pinal Peak - A future visit will be needed to replace three antenna stays and reinforce a portion of the 147.200 antenna before winter.

Greens Peak became operational in November 2007.

Greens Peak – A future visit is needed to install insulation on the walls.

ARA History

October 9, 1967 – Arizona Repeater Association incorporates and begins holding their meetings on the Second Tuesday of each month at 7:30 PM at the First Federal Building at 2002 Camelback Road, Phoenix.

October 1971 – ARA members cautioned on using auto patch to call “Time of Day” for time and temperature due to sponsor messages being “potentially commercial.”

October 1975 – ARA Board of Directors raises the annual due from \$12 to \$15. The raise is necessary “due to the high expenses of operating five repeaters, four in Phoenix and one in Flagstaff.”

October 27, 1977 – The ARA site committee announces they have successfully negotiated an East side site at Scottsdale Air Park water tower.

October 1979 – ARA receives US Forestry service approval to build Mount Ord building.

October 1, 1980 – ARA meeting held in the auditorium of the Arizona Department of Emergency and Military Affairs.

October 5, 1989 – Cal, KA7BET reported at the board meeting the ARA has 690 members.

October 2000 – The ARA has 809 members.

October 11, 2003 – Pinal Peak - Erv, John, Dennis, and Lance along with four others from MARCA went to the site and installed the new 22’ Super Stationmaster antenna. The tip is at 70’ AGL.

October 2004 – ARA is supporting more than 50 radios between eight different sites.

October 30, 2022 – Pinal Peak - Seven ARA members ascended Pinal Peak to replace the faulty 2-meter antenna. The planned trip had been postponed for several weeks due to weather forecasts which proved to be very accurate.

ARA UPDATE Repeater Frequency lists

<https://www.w7ara.org/z/Repeaters.aspx>

ARA UPDATED Repeater Maps

<https://www.w7ara.org/mbk/>

Elections

2023 Elections are coming up in November. Nominations are due by Oct 1. All active members have been sent an email with instructions. Is your information for mailing the ballot correct? Check it now @ Membership info at <https://www.w7ara.org/mbr/Membership.aspx> or email membership@w7ara.net

Meetings

Join us at our next General Meeting in person or virtually. Our in-person meeting is at the Denny’s at Priest and Broadway in Tempe. If you can’t join us in person our ARA virtual meeting is the next best thing to being there without the food. Follow the link for more details.

This month James Wasson, N7ELL, will be presenting Logbook of the World and Club Log.

<https://www.w7ara.org/mtg/Meetings.aspx>

Tech Committee

The tech committee completed two trips recently.

Daisy ARA this repeater began Operation Saturday, January 4, 2014.

The Daisy Mountain site which is linked to Metro Link recently began having trouble reaching Shaw Butte. Dennis AE7WU, and Mike KF7MBK visited the site to investigate. The link radio was found to be operating within specifications. The radio was removed to be bench tested. Lance KW7LH tested the radio and increased the transmit power to 10W to ensure the power was sufficient to reach Shaw Butte on the narrow path. The radio will be reinstalled soon and the link antenna realigned to optimize the SNR for the link.

The ARA Mt Elden site became operational in June 1996.

Dennis AE7WU, and John K7LKL, traveled to Mt Elden to participate in the annual site inspections. A replacement control radio was installed to restore functionality to the site. The site passed inspection with flying colors.

Final equipment was delivered to the site to complete the migration of the Utah link to Towers Mountain. A trip will be planned to install the final equipment and test the redesigned link to UTAH.

Continued Next Column



September 14 was a very special meeting of The Arizona Amateur Radio Club. Besides our usual radio discussion, Ingrid, W7ISG brought a birthday cake to celebrate the birthday of Gary Hamman, K7GH.

We welcome any hams or prospective hams to join us at our meetings the second Thursday of the month at the Red Cross Building at 7:00 PM.

73,
Lori Cripps, WA7EDI



**United Nations
Day
October 24th**

Public Service Calendar

Maricopa County Emergency Communications Group Events

| EVENT | LOCATION | DATE |
|-------------------------------|--|------------|
| Mogollon Monster | Rim Country, E. of Pine | 09/09/2023 |
| Xterra San Tan Trail Run | San Tan Park | 11/05/2023 |
| Xterra Estrella Mtn Trail Run | Estrella Mtn Park | 12/17/2023 |
| Xterra White Tank Trail Run | White Tank Park Wadell, AZ | 01/14/2024 |
| Xterra McDowell Trail Run | McDowell Mtn Regional Park - Fountain Hills | 02/04/2024 |
| Black Canyon 100K | Spring Valley to New River | 02/10/2024 |
| Xterra Black Canyon Trail Run | Black Canyon City | 03/17/2024 |
| Crown King Scramble | Lake Pleasant - Crown King | 03/23/2024 |

To sign up for an MCECG Public Service Event: www.mcecg.net

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

Superstition ARC Repeaters

| Output | CTCSS | Links To | Mode |
|---------------|---------|----------|---------|
| 147.120 MHz + | 162.2Hz | 449.600* | FM Only |
| 449.600 MHz - | 100.0Hz | 147.120* | FM Only |
| 448.275 MHz - | 100.0Hz | WIRES-X | Fusion |

* Also Links to Echolink Node: **WB7TJD-L**

* Also Links to AllstarLink Node **52987**

Club Nets

- Morning Drive Time Net:** Mon-Fri, 7:00-8:00 AM - Trivia
- Club Net:** Wednesdays, 8:00 PM - Discussion, Elmer Q&A.
- Mesh Information Net:** Thursdays, 8:00 PM - Net control Steve, KB7KWK
- Fusion Confusion:** Monday & Friday, 8:00 PM - 448.275
- 10-Meter Rag Chew:** Thursdays, 8:00 PM, 28.465 MHz USB

SuperARC Merchandise Store

<https://superARC.big3creative.com>

Club Membership is open to anyone with an interest in Amateur Radio. Visit: <https://superstitionarc.org> for more information.

Superstition SuperFest

The Superstition SuperFest is held on the first Saturday of December.

ADAW



October 16th

No Reports Received



4747 N 22nd St. - Suite 100 - Phoenix, AZ 85016
VHF - 146.84 MHz - PL 162.2 / UHF - 446.900 MHz - PL 131.8
Echolink Node #731289 - K7ARC-R



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SHORT SKIP



CHAPTER 16
BARRY M. GOLDWATER ARIZONA CHAPTER



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 Ed Nickerson, WU7S at 480.949.5162. Please send address change requests to Judy no later than the 7th of the month in which you would like the change to occur.



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- 7W Output Power Plus New Antenna Provides 1.5 Times More Coverage • More Audio, 1500 mW Audio Output • IP54 & MIL-STD 810G-Rugged Design Against Dust & Water • 19 Hours of Long Lasting Battery Life • 200 Memory Channels, 1 Call Channel & 6 Scan Edges



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We have just about made it through the summer and cooler weather is on the way, With the cooler weather, it is time to think about all our outdoor radio projects. You will find everything you need to get your job done at your favorite "Candy Store." Keep "Radio Active" and Happy Halloween from everyone here at HRO Phoenix.

Now serving you at our Phoenix store:

Manager Ron AJ7T, Mike K7DD, Bob W8RH, Richard K1RAB, Ira A17HC, Paul N0RWW, and Jim KE7EEU.