

ADAW

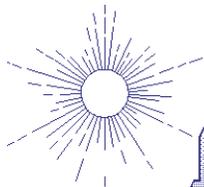
4529 W. Park Place
Glendale, AZ 85306-1512



Happy Labor Day



September 5th



ADAW

Arizona Desert Aire Waves

Vol 41, No 9 September 2016

CLUB MEETINGS SCHEDULE

SARC
Sep 7th
Scottsdale Senior Center
7:00 PM

AARC
Sep 8th
Red Cross Bldg. - Phx
7:30 PM

OPRC
Sep 14th
Marshall Conference Ctr
at Tucson Medical Ctr
7:15 PM

TBARC
Sep 15th
North Phoenix Campus
Northern Arizona University
7:00 PM

CARL
TBA
AZ Science Center
TBA

ARDG
Every Wednesday
Phoenix Country Day School
11:10 AM

CLUB MEETINGS SCHEDULE

QCWA
Sept/Oct
TBD
Phoenix
11:00 AM

WVARC
Sep 5th
St Clement Catholic Church
Social Hall
7:00 PM

SuperstitionARC
Sep 20th
Charles K Luster Bldg
7:00 PM

ARA
Sep 22nd
Denny's Restaurant - Tempe
7:30 PM

MARCA
Sep 20th
Denny's Restaurant - Tempe
6:30 PM

MARA
Sep 24th
Barrow's Pizza - Maricopa
9:00 AM

ANSR
Sep 19th
via Skype
7:30 PM

YARC
Sep 1st
Mile High Middle School
7:00 PM

OVARC
Sep 16th
Ascension Lutheran Church
7:00 PM

CADXA
Sep 1st
PERAClub
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. 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 | 602.996.8148 |
| Vice President | Joe Cutitta | W0SLI | 623.215.2226 |
| Secretary | Mike Zachary | KG7OSR | |
| Treasurer | Bob Hodges | K7JJT | 602.375.9982 |
| Activities Mgr | Lori Cripps | WA7EDI | |
| Membership | Bob Hodges | K7JJT | 602.375.9982 |

AARC c/o Bob Hodges, K7JJT, 15214 N 7th Place, Phoenix, AZ 85022. 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 7:00 p.m. in Room 8 at the new Scottsdale Senior Center located at 1700 N Granite Reef Road (west side of Granite Reef Rd., 50 yards north of McDowell Rd. Parking on site). The club also holds a net every Tuesday night at 7:00 p.m. on the 147.78/18 repeater.

| | | | |
|----------------|----------------|--------|--------------|
| President | James Wasson | N7ELL | 480.456.1154 |
| Vice President | Bob Johnsen | K7TR | 480.946.1427 |
| Secretary | Kelley Law | KF7ZVL | |
| 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 | |
| | Ed Nickerson | WU7S | 480.949.5162 |
| | Charlie Brown | NJ7U | |
| | Bill Kouchis | N9EIV | |

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

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 | KG7GJI | 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.



THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at North Phoenix Campus of Northern Arizona University located at 15451 N. 28th Avenue (near I-17 and West Greenway Road). The meeting is held in room 147. See the website (<http://w7tbc.org>) for a map and more details.

| | | | |
|----------------|-----------------|--------|--------------|
| President | Gary Duffield | WK7B | 602.843.7724 |
| Vice President | Chris Johnson | K6OZY | 623.866.2777 |
| Secretary | Gary Cline | AF7BJ | |
| Treasurer | Darren Johnson | AF7CO | |
| Board Members | Jim Moore | WB7ENX | |
| | Rick Tejera | K7TEJ | |
| | Joe Arnold | AD0X | |
| | Andrew Cornwall | KF7CCC | |
| Past President | Walt Reinert | N7GDP | 602.938.8219 |

For further information about the ThunderBird Amateur Radio Club, visit our website at <http://w7tbc.org>, send an e-mail to: info@w7tbc.org or call 602.938.8219. Mailing address: PO Box 83615, Phoenix, AZ 85071-3615.

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.

ARIZONA NEAR SPACE RESEARCH

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

| | | | |
|----------------|----------------|--------|---------------------------|
| President | Stephen Thomas | KE7TLS | iamgadget1@yahoo.com |
| Vice President | Vince Jenkins | KC7IUI | vince.jenkins@meggitt.com |
| Secretary | Kim Jenkins | | vince.jenkins@meggitt.com |
| Treasurer | Bill McLean | K7WWM | bmclean1@gmail.com |

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

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. 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 |
| Secretary | Clifford Hauser | KD6XH | 520.235.7393 |
| Treasurer | Dave Hanson | W7BJ | w7bj@outlook.com |
| Webmaster | John Marshall | WA7BSR | 623.334.2583 |

Web Site: <http://azqcwa.org> Email: azqcwa@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 | Raymond Tyrrell | N6MY | n6my@gmail.com |
| Treasurer | David Hanson | W7BJ | 602.615.3444 |
| Secretary | Lori Cripps | WA7EDI | 602.955.7517 |

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

MARICOPA AMATEUR RADIO ASSOCIATION

The Maricopa Amateur Radio Association (MARA) meets the **LAST SATURDAY** of each month at 9:00 a.m. at Barrow's Pizza, 44600 W Smith-Enke Rd. (Smith-Enke and John Wayne Parkway) in Maricopa.

| | | | |
|----------------|----------------|--------|--------------|
| President | Ford Willman | N5FW | 520.568.6357 |
| Vice President | Joshua Babb | W3JB | 801.358.1078 |
| Secretary | Bob Beltz | KU4ZG | 770.680.1204 |
| Treasurer | Steven Ruggles | KG7GYM | 520.568.2023 |
| Board Members: | Steve Miller | W6SDM | 602.290.1603 |
| | David French | N7FAN | 480.430.9426 |
| | Bob Howard | W8RH | 520-709-6176 |
| | Curt Steger | NA7CS | 520-568-9471 |
| | Ronald Beasley | KG7MUV | 520-568-4880 |
| PIO: | Steve Miller | W6SDM | 602.290.1603 |
| Webmaster: | David French | N7FAN | 480.430.9426 |

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 3025, Arizona City AZ 85123

WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club is an Arizona 501(c)(3) non-profit corporation. Meetings are the **FIRST MONDAY** of each month at 7:00 PM in the St Clements Catholic Church Social Hall located at 15800 Del Webb Blvd., Sun City. The board meets the second Monday of the month at Boswell Medical Center, Ironwood Room 2, Sun City. The Emergency Preparedness Group meets the third Monday of the month at 7:00 PM at Boswell Hospital. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. The preparedness net is held the last Friday before the monthly Monday night meeting at 8 pm on the NY7S repeater 147.300 MHz, Tone 162.2 Hz. A weekly breakfast is held on Thursdays at Lou's Trivoli Gardens, 12535 W Bell Rd., at 7:00 AM.

| | | | |
|-----------------|-----------------|--------|--------------|
| President | Mike Corder | K7MJC | 602.439.1303 |
| Vice President | Alex Munro | K7AEM | 602.469.7234 |
| Secretary | Sharon Blaylock | KI7DOK | 623.584.6974 |
| Treasurer | Jim Rogers | N7YTI | 623.214.9219 |
| Membership | Tom Connor | W7TLC | 623.444.7956 |
| Club Directors: | Bob Paul | KG7FIL | 623.252.0149 |
| | John Siepmann | N9NA | 630.209.4116 |
| | Roger Thacker | KD0MD | 623.974.1516 |
| | Tom Connor | W7TLC | 623.444.7956 |

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 meets at 7:00 p.m. on the **THIRD TUESDAY** of each month (except December) at the Charles K Luster Building, 640 N. Mesa Drive, Mesa (use the glass door on your left at the main entrance). Visitors are welcome. Board meetings are held at 6:30 p.m. on the second Tuesday of each month (except December) at Black Bear Diner, 1809 E. Baseline Road, Gilbert.

| | | |
|----------------|------------------|--------|
| President | Steve Estes | KB7KWK |
| Vice President | Jeff Machesky | K7ZLX |
| Secretary | Jeff Harris | KD2DFE |
| Treasurer | Douglas Mitchell | W7ADD |
| Board Members: | Brian Betz | W7JET |
| | Dale Schmidt | N7QJK |
| | Dan DeVliieger | KC7MSU |
| | J.D. Smaylis | KF7VOX |
| | Andy Keels | KD4ABB |
| | Charlie Brown | NJ7V |
| | Steve Gurley | KY7W |

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



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. at Denny's Restaurant located at 1343 Broadway in Tempe (SE corner of Broadway & Priest). Monthly presentations cover a broad spectrum of interesting subjects. Visitors are welcome to attend. Come early for dinner and socializing. Repeater Problem Reports are encouraged. 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.

| | | | |
|----------------|--------------|--------|--------------|
| President | Paul Boyce | KJ7KY | |
| Vice President | Dave Hall | N7ZPY | |
| Secretary | Norm Johnson | AA7OO | 480.278.2886 |
| Treasurer | Don Aldridge | WA7RLL | |
| Director | Bill Hosking | W7JSW | |
| Director | Dusty Morris | W7ITM | |
| Trustee: | Norm Johnson | AA7OO | 480.278.2886 |
| Webmaster: | Norm Johnson | AA7OO | 480.278.2886 |

MARCA, Inc., PO Box 28246, Tempe, Arizona 85285. Membership dues \$25 annually. See our website (<http://w7mot.org>) for more information about meeting schedules, membership, repeaters, library, and club activities.

ARIZONA REPEATER ASSOCIATION, INC

The Arizona Repeater Association general meeting is held the **FOURTH THURSDAY** of each month at 7:30 p.m. There are no meetings in July and December. The November meeting is held the Monday before Thanksgiving. Meetings are held at Denny's Restaurant, 1343 W. Broadway, Tempe, AZ, on the southeast corner of Priest and Broadway. Visitors are welcome. Come early for food and social time before the meeting starts. For further information about the ARA, including repeaters, site status, and the tech/board meeting, please visit our web site at www.w7ara.org.

| | | |
|----------------|--------------------------|------------------|
| President | Virgil Silhanek, K7VZ | k7vz@w7ara.net |
| Vice-President | Brian McCarthy, N7TUQ | n7tuq@w7ara.net |
| Treasurer | Erv Heimbuck, K0OTZ | k0otz@w7ara.net |
| Secretary | Jim Hoff, N7XXX | n7xxx@w7ara.net |
| Board Members: | | |
| | Lance Halle, KW7LH | kw7lh@w7ara.net |
| | Dennis Bietry, KE7EJF | ke7ejf@w7ara.net |
| | Doug Pelley, WB7TUI | wb7tuj@w7ara.net |
| | Joe Godfrey, AE7JG | ae7jg@w7ara.net |
| | Dennis Campbell, AE7WU | ae7wu@w7ara.net |
| | Mike Montalvo, KF7MBK | kf7mbk@w7ara.net |
| | Marty Dusenberry, KE7DGP | ke7dgp@w7ara.net |
| | James Wasson, N7ELL | n7ell@w7ara.net |

For Membership Information, contact (Mike Montalvo, KF7MBK membership@w7ara.net) Arizona Repeater Association, Inc., P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit <http://w7ara.org/mbr/Membership.aspx>. DUES: \$18.00/yr. (Jan. 1 through Dec. 31) with a one-time initiation fee of \$10.00. Life and family memberships are available.

YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at the Mile High Middle School located at the end of W Carleton Street west of Montezuma Street (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 | Frank Bender, K8FB | president@w7yrc.org |
| Vice-President | John Stevens, N9JYO | vice_president@w7yrc.org |
| Secretary | Kathy Laing, KJ6KMK | secretary@w7yrc.org |
| Treasurer | David Hanson, W7BJ | treasurer@w7yrc.org |
| Past President | Don Bauer, WB7TPH | wb7tph@w7yrc.org |
| Board Members | Bill Noe, W7PVA | w7pva@w7yrc.org |
| | Chuck Zappala, KE7SA | ke7sa@w7yrc.org |
| | Randy Dashiell, W6TYV | w6tyv@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

ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Ascension Lutheran Church located at 1220 W Magee Road in Tucson. (June is normally Field Day. December is annual Christmas Party and date and location varies.) Visitors are welcome. Board Meetings are held at 9:00 a.m. at the Oro Valley PD Substation EOC on Tangerine Rd (next to WalMart) in Tucson. Check the web site at www.tucsonhamradio.org for dates.

| | | |
|----------------|----------------------|----------------------------------|
| President | Steve Wood, W1SR | president@tucsonhamradio.org |
| Vice-President | Bob Molczan, KA7VPR | vicepresident@tucsonhamradio.org |
| Secretary | Carl Foster, KB7AZ | secretary@tucsonhamradio.org |
| Treasurer | Hanna Eckert, KG7TPD | treasurer@tucsonhamradio.org |
| Board Members | Scott Boone, K7ADX | |
| | Lanny Voight, KF7LV | |
| | Ross Eckert, K4WBR | |
| | Fred Bresani, W2HZ | |
| | Bob Stephens, AF9W | |

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/>.

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

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

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. Board meetings are held the last month of each quarter at the AZ Science Center. Annual meeting for all volunteers is held the **THIRD SATURDAY** of January. Watch ADAW for details.

| | | | |
|----------------|-----------------|-------|--------------|
| President | Bob Burleson | KG7QJ | 480.961.1109 |
| Vice President | Jim Felkey | N7BBS | 480.966.7084 |
| Secretary | John O'Neal | K7IP | 480.961.1109 |
| Treasurer | Karen McConaghy | NO7D | 602.799.7338 |

Board Members:

| | |
|--------------|-----------------------------|
| Jean W4CIH | ADAW, Publicity |
| Steve WB4ZSC | Tech/IT, CARL/ASC interface |
| Fred K9TOS | Logbook/QLS |
| Mike KG7OSR | Scheduling/Membership |

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

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

CENTRAL ARIZONA DX ASSOCIATION

The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. (except for January Awards Banquet) at the PERA Club, located at 1 E Continental Drive in Tempe. Visitors always welcome. See www.cadxa.org/meetings.html for a map. The May meeting is an outdoor barbecue at 6:00 p.m. (reservations required).

| | | | |
|----------------|----------------|-------|----------------------|
| President | Lee Finkel | KY7M | ars-ky7m@cox.net |
| Vice President | Rex Turvin | NR6M | turvin2009@yahoo.com |
| Secretary | Bill Poole | AA4Q | bill@poole.com |
| Treasurer | Alton Chaney | W7ACX | w7acx.480@gmail.com |
| Past President | Tom Kramer | NQ7R | tkramer@azci.net |
| Board Members | Larry Loen | WO7R | lwloen@gmail.com |
| At-Large | Mickey LeBoeuf | K5ML | k5ml@arrl.net |

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: cadxa@cox.net. 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.

Need Computer Help?

Computer consultant: in-home tutoring, problem solving, hardware and software installations, virus detection and removal. I am Patient and professional with 30 plus years in the computer field.

Call Larry, KE7JXQ

L.E. Purchase Computer Consultants, Inc.
1-888-922-9295 or 602-863-0502

ADAW Staff

PUBLISHER/EDITOR

| | | |
|-------------------------------|--------|--|
| Christine Kesauer | N7PVL | 602.843.0960 |
| AARC EDITOR | | |
| Lori Cripps | WA7EDI | 602.955.7517 |
| ANSR EDITOR | | |
| Bill McLean | K7WWM | bmclean@gmail.com |
| ARDG EDITOR | | |
| Daniel Bashir | KG7GDL | daniel.bashir@pcds.org |
| ARA EDITOR | | |
| Virgil Silhanek | K7VZ | 623.850.1441 |
| CADXA EDITOR | | |
| Lee Finkel | KY7M | ars-ky7m@cox.net |
| CARL EDITOR | | |
| Jean Jolkovski | W4CIH | 480.664.7353 |
| MARA EDITOR | | |
| Steve Miller | W6SDM | 602.290.1603 |
| MARCA EDITOR | | |
| Norm Johnson | AA7OO | 480.278.2886 |
| MMRG EDITOR | | |
| Lori Cripps | WA7EDI | 602.955.7517 |
| OPRC EDITOR | | |
| Ron Kalish | N7SPW | 520.207.3852 |
| OVARC EDITOR | | |
| Ron Herring | W7HD | 520.240.5322 |
| QCWA EDITOR | | |
| Tom Fagan | K7DF | 520.574.1129 |
| SARC EDITOR | | |
| Ed Nickerson | WU7S | 480.949.5162 |
| SuperstitionARC EDITOR | | |
| Larry Kuck | WB7C | l.m.kuck@gmail.com |
| TBARC EDITOR | | |
| Andrew Cornwall | KF7CCC | kf7ccc@arrl.net |
| WVARC EDITOR | | |
| Robert Paul | KG7FIL | kg7fil@cox.net |
| YARC EDITOR | | |
| Don Bauer | WB7TPH | dbauer2250@aol.com |
| TECH SUPPORT | | |
| Mark Kesauer | N7KKQ | 602.843.0960 |
| ADAW EMAIL | | adawaz@arca-az.org or adaw@adaw.org |
| ADAW WEB SITE | | www.adaw.org |

ADAW



Unique Handmade Jewelry and Gift Items
at Affordable Prices

FROM THE EDITOR'S DESK

Another ARCA/Williams Hamfest has passed into the history books. This year's event featured a full slate of talks, seminars and meetings over the two-day period. There were also several activities scheduled for both days, as well as the annual barbecue dinner on Saturday night.

An added bonus was the NPOTA special event station at the Grand Canyon to commemorate the National Parks Systems 100th birthday on Sunday, July 24. Any amateur that wanted to was able to operate at the station and get their call in the log as an "activator" of the Grand Canyon Park.

Read all about the ARCA/Williams Hamfest in the article written by Virgil, K7VZ on pages 10 and 11. Thank you, Virgil, K7VZ for your account of the event - and the wonderful pictures.

The announcement of the 2016 Ham of the Year and the 2016 Young Ham of the Year took place at the annual ARCA barbecue on Saturday evening after the close of the hamfest. This year's ARCA Ham of the Year was presented to the husband and wife team of Reinhard, K7RGG/DL1UF and Ingrid, W7ISG Geissler. A great article written by Lori Cripps, WA7EDI (see page 18) clearly explains why this couple is deserving of this award. Congratulations, Reinhard & Ingrid.

The 2016 Young Ham of the Year was awarded to Aaron Wallace, KF7VVJ from Sierra Vista. This dedicated young man has been very active in the amateur radio community from the age of 12. He has participated in scouting and public service events as well as acted as Net Control coordinating communications. His commitment and reliability make him very worthy of this award. Congratulations, Aaron.

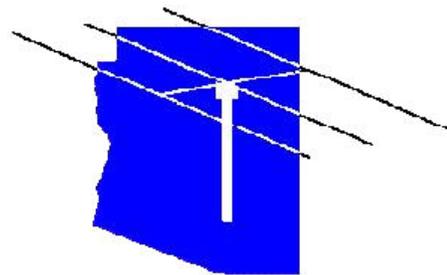
ARCA was also pleased to announce the recipient of the 2016 ARCA Scholarship. Ian Valentine, KD7TYZ from Yuma was selected to receive this year's scholarship award. Congratulations, Ian. Good luck on your future endeavors.

Breaking News - The West Valley Amateur Radio Club Hamfest scheduled for October 8th has been canceled. A scheduling conflict at the church has resulted in the club canceling their event. Hopefully, the West Valley ARC will to reschedule the event for another date. Keep watch for updates.

There are still two events in October from which to choose though. The Mohave Amateur Radio Club will host their Kingman Hamfest on October 15th in the KRMC Medical Plaza parking lot in Kingman, and the 2016 ARRL Arizona State Convention/Copafest at Harrah's Ak-Chin Casino in Maricopa on October 21st & 22nd. Both these events promise to be fun and enjoyable. For more information, check the Hamfest Calendar on page 14.

That's all for now. See y'all next month!

73,
Chris, N7PVL



MARCA INC.

No Report Received. ed

Public Service Calendar

Maricopa County Emergency Communications Group Events

| EVENT | LOCATION | DATE |
|---------------------------|---|-------------|
| Barnburner Mtn Bike Race | Kendrick Peak | 09/10/16 |
| Fiesta Bowl Half Marathon | Scottsdale Civic Center | 12/11/16 |
| Prickly Pedal | White Tanks - Lake Pleasant - Spur Cross | 01/21-22/17 |
| Runner's Den Pancake Run | EPhoenix Paradise Valley Mall | 02/05/17 |

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.

Yavapai Amateur Radio Club Events

| EVENT | LOCATION | DATE |
|---|-------------------------------------|----------------|
| March of Dimes March for Babies | Prescott | 09/10/16 |
| Skull Valley Loop Challenge | Downtown Prescott | 09/18/16 |
| Groom Creek Classic - Half Marathon, 10K, 5K & 2 mile Run | Starts at Groom Creek Fire Station | 09/24/16 |
| Bradshaw Grinder | Mayer | 09/24/16 |
| Prescott Road Ralley | Prescott | 09/30-10/01/16 |
| Man to Horse Race | Prescott | 10/01/16 |
| | Doug Freeman, KV8TD coordinating | |
| Diabetes Walk | Prescott | 10/15/16 |
| | John Broughton, WB9VGJ coordinating | |

Unless otherwise stated contact Patti, KD7VBG at kd7vbg@k7yca.org to sign up.

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.

September Test Sessions

Sep 1st - CARBA -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus Blvd, Tucson

Contact - Matthew Grossman 520.750.7189

Pre-Reg by email preferred - veregistration@rstclub.org

Sep 3rd - ORO Valley ARC -- 10:30 AM

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

Contact - James Garrity licensing@tucsonhamfest.com

Sep 3rd - DeVry ARC & WVARC -- 9:00 AM

DeVry University, 2149 Dunlap Ave, Phoenix

Contact - David Morrill 623.680.5011

Sep 5th - AARC & WVARC -- 8:00 PM

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

Contact - Joseph Cutitta 623.215.2226

Sep 10th - Yuma ARC -- 9:00 AM

Yuma County Sheriff's Office, Training Rm 2, 141 S 3rd Ave, Yuma

Contact - Robert Spencer 928.941.7069

No Walk-Ins - Appointment Only

Sep 12th - Radio Society of Tucson -- 7:00 PM

Hardesty Mid-Town Police Bldg, 1100 S Alvernon, Tucson

Contact - Diane Zimmerman 520.664.5070

Sep 14th - Central Phoenix VE Team -- 6:30 PM

South Mountain Community College, 7050 S 24th St, Phoenix

Contact - Bill Martin 480.205.3625

No Walk-Ins - Limited Space - Please contact prior to exam.

Sep 17th - W7GAA -- 10:00 AM

Suddenlink Community Ctr, 2380 3rd St, Bullhead City

Contact - Keith Bruecker 928.719.8433

Sep 17th - Central Phoenix VE Team -- 9:00 AM

Gilbert Farmers Market, 222 N Ash Dr, Gilbert

Contact - Bill Martin 480.205.3625

No Walk-Ins - Call Ahead for important details/instructions

Continued Next Column



The year 2016 marks Yavapai Amateur Radio Club's 25th Anniversary. Come join us for one of our monthly club meetings. Upcoming meeting night programs include: NO1D – Improvements to our 440 MHz repeater (Sept) and W7JLC – 2017 Solar Eclipse High Altitude Balloon Project (Oct).

YARC continues our series of licensing classes for people interested in Ham radio. A Technician license class was just completed with 19 candidates preparing for the Aug 27 test. Future classes are soon to be scheduled. In addition, YARC offers discounted "HamTestOnline" subscriptions. Upcoming regular test sessions are Oct 8, Nov. 12, Jan 14 2017, and Mar 11 2017.

Reminder: If you contacted N7GMH on June 30 for our Granite Mountain Hotshots memorial, and want a commemorative QSL certificate, you need to email our contact, DBauer2250@aol.com with your contact information. We will match it to our logs and forward a printable certificate by email.

ADAW

Test Sessions Continued from Previous Column

Sep 17th - Un-sponsored -- 10:00 AM

Kingman Middle School, 1969 Detroit Ave, Rm 310, Kingman

Contact - Daniel Miller 928.897.3883

Sep 19th - East Valley VE Team -- 6:00 PM

City of Mesa Utilities, 640 N Mesa Dr, Mesa

Contact - Fred Bollinger 480.242.8606

Sep 20th - Boy Scout Troop 127 -- 8:00 PM

St Francis Xavier School, 4715 N Central Ave, Phoenix

Contact - John Kelly 602.264.6854

Sep 21st - Thunderbird ARC -- 6:00 PM

Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix

Contact - James Skinnell 602.826.1949

No Walk-Ins

Sep 24th - Arizona ARC -- 7:00 PM

American Red Cross, 4747 N 22nd St, Phoenix

Contact - Gary Hamman 602.996.8148

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



Amateur Radio Development Group

No news this month.

Wouff Hong



If you know what this is, I will give you a moment to recover from your fright. Go ahead, feel free to grab a shot of Jack Daniels, breathe into a paper bag, or do whatever else it is that calms you down.

Now that you've caught your breath, I can tell you that you're safe — at least for now. We will be having a ceremony of the Regal Order of the Wouff Hong at our October Copafest and ARRL Arizona State Convention, October 21-22, at the Ak-Chin Ultrastar Center in Maricopa. We need help from those who are already inducted into the order. If you are, and you're willing to help with the skit, please contact Fred via e-mail at fred@wb4aej.com. The ceremony will be held at midnight on Friday, October 22, in the Elements center.

I am sure that by now those new to our hobby are asking, what the hell's a Wouff Hong? No, it's not a new Chinese hand held UHF/VHF radio. It's one of the oldest and most revered of ham radio traditions.

The legend goes that a guy named T.O.M., an acronym for The Old Man, wrote a series of articles titled "Rotten Radio" for the American Radio Relay League's magazine, QST, back in beginning days of the hobby. The articles exemplified bad operating practices using satire and sarcasm. Things like operating your spark gap transmitter withing 25 kilocycles of someone else's QSO and tuning on the same frequency that another station was operating were typical offenses. It was in one of these stories that the Wouff-Hong was born. It wasn't until after his death that it was revealed that T.O.M. was non other than Hiram Percy Maxim otherwise known as W1AW, the ARRL founder, who also served the as president for 22 years.

The Wouff Hong is a mythical device used to mete out punishment to those who might act as lids on the air. A picture is attached, which is reminiscent of a prehistoric Crescent wrench, or maybe a medieval torture device. It was given as

MARA Continued from Previous Column

a prize to all amateur radio club presidents attending the ARRL Convention in Chicago in 1938. The device has been a tradition even since and the ceremonies to induct new members can only be held at ARRL conventions. The last one I saw has something that appeared to be dried blood on it.

So, if you're interested in being part of the Regal Order of the Wouff Hong, and your mom will let you stay up past midnight, we would love to see you at the Maricopa Amateur Radio Association Copafest 2016. We are working diligently on the hamfest to make it the best one ever. It's not your typical hamfest.

This is the kind of activity that you can bring the whole family to enjoy either for the day or for the weekend. We have rooms blocked out at the famous Harrahs Ak-Chin casino for those who wish to stay overnight. There are also nearby motor home accommodations, or places to overnight right in the parking facility. The UltraStar has 12 cinema screens, laser tag, bowling, an Arcade, and much more. There is the 347 Grill and the Luxe Lounge for you to relax after a grueling day of looking over boat anchors in the parking lot.

Saturday evening will feature an outdoor movie and barbecue. Remember, this is the ARRL statewide convention as well as the hamfest. And best of all, general admission is FREE. Learn more at our web site, www.copafest.org.

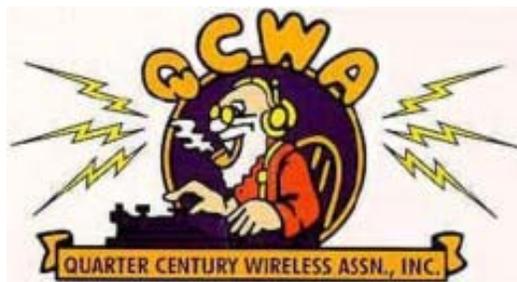
73,
Steve, W6SDM

Continued Next Column

R.J. CARLI ENGINEERING CORP

| | | |
|--|---|--|
|  |  | <p>7311 E. STETSON DRIVE SCOTTSDALE, ARIZONA 85251</p> <p>RAYMOND J. CARLI, P.E. ELECTRICAL ENGINEER W7GNE</p> <p>(480) 941-8810 (OFF.) (480) 945-7020 (FAX)</p> |
|  |  | |

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



CHAPTER 16
BARRY M. GOLDWATER ARIZONA CHAPTER

The buzz this month was all about digital. Israel Vicente, AD7ND, put on a digital workshop. Intended for beginners, it drew in a healthy crowd - and not just the neophytes. It was held at the Deer Valley campus of Honor Health on Wednesday evening, July 27. Thanks to Israel for bringing the world of digital radio communications to many. If the comments I heard are representative, we've got a whole new batch of hams who are interested in interfacing their computers to their radios!

After reviewing the demand for an Extra course, our education chair Andy Durbin, K3WYC, determined that there just wasn't the demand yet. So we're going to look at putting on a General course in the fall and then maybe an Extra course next year. If you're interested in a General course, send an email to course@w7tbc.org with your callsign, name and contact info. A "General" class license is the next step up from Technician - it allows operation on the HF bands with few restrictions and opens up the possibility of working the world. If we get enough people we'll hold the course - so drop an email if you're interested! In the past, courses have been held on Saturday mornings, and last typically 6-8 weeks.

Our membership coordinator Clair, KG7MAJ, is looking to update the membership lists. Members can download the roster from the website, w7tbc.org, and check to see if your address is right. Did your email change? Are you now an ARRL member? Are you in the TBARC Emergency Communications group? Have you become a VE since you signed up? Let Clair know (membership@w7tbc.org) and he'll make sure things get updated.

Speaking of VEs, the Thunderbird Amateur Radio Club has established a regular ham license exam session. Our VE liaison, Jim, K7EOG has secured a semipermanent home, and we have a session on the third Wednesday of every month at 6:00 p.m.. It's at the Honor Health Medical Office Building, 19841 N 27th Ave in Phoenix. If you're a TBARC VE and want to build up your session count, come on by and lend a hand. If you want to take the test, you'll need to sign up in advance because of limited seating—send email to ve@w7tbc.org for details.

Have you been to a TBARC meeting yet? Why not stop by? We'd love to have you join us, and guests are welcome. Our meetings are held on the third Thursday of the month at the

Plans are in the works for a September/October meeting. John Marshall WA7BSR has been busy finding restaurants with meeting rooms in the West Phoenix area. He has done a great job with finding several good locations. Thank you, John.

We will have an exciting presentation for that meeting. This will be our annual business meeting with elections. Ray Tyrrell, N6MY has decided not to run for vice president again. Thank you, Ray, for being vice president. I sent out a Survey Monkey looking for nominations for all four positions. Make sure you respond to the Survey Monkey so we get feedback.

A meeting announcement will be sent out as soon as we get things finalized.

If you have been an Amateur Radio Operator for 25 years or more, you are eligible to be a member of the Quarter Century Wireless Association. The Barry M Goldwater, Chapter 16, here in Arizona has four lunch meetings around the state each year with really good presentations.

Contact us at azqcwa@gmail.com for more information.

Tom Fagan K7DF
Arizona QCWA president

ADAW

TBARC Continued from Previous Column

North Phoenix Campus of Northern Arizona University. It's near Greenway and I-17, starting at around 7:00 p.m. See the club website at w7tbc.org for directions. In September, Tom Boza, NE7X, will take us back in time and discuss "MARS in Vietnam." See what role amateur radio played then - and how it compares to now!

Andrew Cornwall, KF7CCC
kf7ccc@arrl.net

Continued Next Column



ARCA Williams Hamfest Report

The 2016 ARCA Williams Hamfest has concluded. Thanks to the hard work of ARCA members for making it a success. Jeff WB7RFY, Lee KD7OED, Mark N7KKQ, Chris N7PVL, and several others were up there early in the week to get everything ready. It was nice to get out of the heat of Phoenix and have the opportunity to visit with many hams over the two days.



Virgil and Evan

My family and I departed Phoenix on Thursday afternoon, experienced a nice rain on the drive up I-17, and arrived in Williams around 8 p.m. to find quite a few campers and tailgaters already there. The hamfest kicked off Friday morning at dawn. Evan and I walked around looking for deals. I spotted a Bird 43 watt meter and after a few quick text messages to a friend who was looking to buy one, I had spent a chunk of his money. Haha.



Tailgaters

The main building doors opened at 8 a.m. where the commercial vendors were setup. There were vendors completely ringing the hall this year, a departure from the past few years. I didn't keep count, but we had a good amount of traffic pass through the main building. Some estimates were at

least 800 - 1200 people attended. The parking lot was full of cars from the attendees and the hall was jammed on Saturday with people attending the event.

There was a full slate of meetings, seminars, and talks on both days. A hospitality suite was held on the grounds on Friday again this year - snacks, beverages and great conversation. Many attendees enjoyed the fox hunt exercise, special event station, train ride to The Grand Canyon, National Parks on the Air activation, and various other activities.



Inside Main Building

Several locals wandered in when they saw the Hamfest signs and I had the opportunity to discuss the benefits of amateur radio with them. One owned a Jeep and was concerned about when he's out of cell phone range. Another lady was a grade-school teacher, so we were able to discuss how radio and electronics could be integrated into curriculum or extracurricular activities.



I attended the ARRL forum on Friday afternoon with Arizona Section Manager Robert KE8DM and Southwest Division Vice-Director Marty N6VI. Most of their report to us was status quo. The meeting did turn exciting about half way through when a hail storm blew over the fairgrounds for 15-20 minutes. The ARRL booth inside kept quite busy throughout the weekend as well.



Rain and Hail

Continued Next Column

Continued Next Page

CADXA Continued from Previous Page

Saturday started off again with tailgating at dawn and the main building opening at 8 a.m. At the Arizona Repeater Association table, Lance KW7LH brought the ARA Aeroflex station monitor and set it up to test user's radios. Lance KW7LH also led the frequency coordinator's (repeater owners) meeting at 11 a.m. and a presentation on what the station monitor is and how we use it at repeater sites at 3 p.m.



Lance at ARA Booth



Lance's Presentation

There was an ANSR balloon launch Saturday morning and it went up and came down almost perfectly. I heard radio traffic about it landing in a tree and they were figuring how to get it out, but it was relayed later that they had successfully recovered the payloads. At 9 a.m. was also a VE test session over at the Railside RV meeting room. The test session resulted in 2 Extra upgrades, 6 General upgrades, and 5 Technician licenses earned.



RF Gear to Go



DX Store

The hamfest wrapped up at 4 p.m. on Saturday with the final raffle prizes being drawn. The prize winners were: Grand prize: Debra Scott, N6DEB – Second prize: Bob Sitterley, K7POF – Third prize: Kenneth Severance, WA6AQK – Fourth prize: Paul Finell, W7EFQ – Fifth prize: Jeff Ward, N6IME.



Wired Communications



Hi-Tech Liquidators

Following that was the ARCA annual meeting in the tent outside. Officers for the next year were chosen. Tammy Smith KD7MIB remains Chairperson, with Bob Howard W8RH 1st Vice-Chairperson and Lee Ilse KD7OED 2nd Vice-Chairperson swapping from the previous year. Jack Lunsford KD7RCJ maxed out his term limit as Secretary and will be replaced by Jim Zimmerman, N6KZ. Jeff Hanna WB7RFY continues as Past-Chairperson.

Saturday evening, those who had bought BBQ dinner tickets made their way to Railside RV, a block away, to chow down. I ate enough beef brisket for all of you. Haha. There were 46 who attended the dinner which included corn on the cob, Texas toast, beef brisket, pulled pork, green beans, potato salad, and a lemon berry cake.

As everyone finished eating, the ARCA Scholarship was presented as being awarded to Ian Valentine, KE7TYZ. This year's Young Ham of the Year is Aaron Wallace, KF7VVJ. Ham of the year was awarded to husband and wife pair, Reinhard Geissler K7RGG/DL1UF and Ingrid Geissler W7ISG.

Thanks to ARCA for another great hamfest.

--
Virgil K7VZ
Chris N7PVL





Communication from the President:

(September 20 meeting)

Please bring your HT (if you have one) to the next club meeting - there will be an emergency communications presentation, including simulated comms on simplex.

Stephen Estes KB7KWk President Superstition ARC

The club meeting program features a Maricopa County Emergency Communications Group simulated net and for those of you with an HT, we will be conducting the net in-house on a simplex frequency.

Join us at 7:00 P.M. on Tuesday, September 20. Visitors are always welcome.

Seeking Morning Drive-Time Net Controls

We have one opening on Tuesday mornings for a Net Control. Dave, K7AV has been holding down Tuesdays and Wednesdays, but he had to let Tuesday go. If you are not able to fill Tuesday, but can fill another day, it may be possible for you to trade places with one of us who can move over to take Tuesday.

Dave is our Net Control leader. You can contact him at K7AV@arrl.net. He can help get you started with some Trivia material.

You Shop, AmazonSmile Gives Back.

Amazon donates 0.5% of the price of your eligible AmazonSmile purchases to the charitable organization of your choice. AmazonSmile is the same Amazon you know. Same products, same prices, same service.

Support the Superstition Amateur Radio Club by starting your shopping at smile.amazon.com.

Superstition SuperFest Hamfest Flyer is Here

The club hamfest is first Saturday in December which is December 3 this year. See the flyer at the end of this issue or visit superstitionsuperfest.org.

73,
Larry WB7C

Another quiet month with the Mingus Mountain Repeater Group (MMRG). We have one new member K7ZHZ Lee Vaughan in Glendale, AZ. Welcome Lee. I haven't talked to him as of yet.

At the Williams Hamfest I saw a good number of the MMRG members as well as many other friends from all over Arizona.

73 Bob Sitterley K7POF



Superstition ARC Repeaters

147.120 MHz (+) 162.2 Hz - Usery *

448.275 MHz (-) 100.0 Hz - Usery

449.600 MHz (-) 100.0 Hz - East Mesa *

KB7KWK-L Echolink Node 538499 *

* - Linked Full Time and Carries all Nets (except 10-Meters)

Club Nets

Morning Drive Time Net: Mon-Fri, 7:00-8:00 AM - Trivia

Club Business Net: Wednesdays, 8:00 PM - Featuring Club News, Elmer Q&A and AR Newslines.

East Valley Swap Net: Thursdays, 7:30 PM

National History Net: Thursdays at 8:30 PM. Quizzes you on National History.

10-Meter Rag Chew: Thursdays 8:00 PM, 28.465 MHz USB
Morse Code Class Net: Saturdays, 7:00 PM

Club Membership is open to anyone with an interest in Amateur Radio. Send email to: membership@SuperstitionARC.org for more information.

Superstition SuperFest

The Superstition SuperFest is held on the first Saturday of December. Visit www.superstitionsuperfest.org for the latest information.

Old Pueblo Radio Club INTERMOD

President's Column



Well it's that time of the summer to remind members of the Old Pueblo Radio Club that the fall meeting schedule is about to Commence. The meeting is scheduled for 1915 hrs local time on Wednesday, 14 September 2016, at our usual meeting spot, the Mason Room at Tucson Medical Center.

73 de

Ron Kalish, N7SPW
President, OPRC

| <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 |

ADAW

Club Badges by N7KKQ

Custom CNC Milled Badges and Nametags
Fine Detail - Many Styles and Colors
Club Logo Artwork Included
Pin or Magnetic Clasp





Mark, N7KKQ - 937-424-9069
markk.tec-paq.com

ADAW

YES, we did Field Day.

Good things:

- 56 participants and visitors, best attendance ever
- Plenty of help with setup which took only an hour
- Plenty of help with tear down which took only an hour
- Weather was good- a little cloudy, not too hot, no rain
- 6 new/inexperienced hams made first HF QSOs on GOTA station
- No equipment or computer failures
- Dinner by Bubbs' Grub was superb, required no club effort

Bad things:

- Band conditions were the worst I have ever seen in over 50 FD operations. No signals on 10 m, few on 15 m, very noisy conditions on the other bands. Sunspot number was ZERO! Score: 5,924 points

For comparison, 2014 score was 6,610 points, 2015 was 6,142. Declining scores probably reflect the declining sunspot numbers.

Big numbers belong to the CW guys, with 82.4% of QSO points, compared to 10.4% for digital ops and 7.2% for SSB.

Next Field Day is June 24-25, 2017 and I can't wait! Got suggestions for next one? Contact me: (520)572-0554 or tkravec@pobox.com

73 de W8TK

Tom Kravec

OVARC FD Chairman

Want Ads

WANTED:

I am looking to purchase a (WT3) Programmed 33cm (927 MHz) Radio. If you have one to sell, please contact:

Larry Stafford, N7WBU
3527 S Chesin Drive
Tucson, AZ 85730-2319
email: TFDFDF@cox.net

Hamfest Calendar

8 October 2016 - **West Valley Amateur Radio Club Hamfest** - hosted by the West Valley Amateur Radio Club will be held at St Clement of Rome Catholic Church, 15800 N Del Webb Blvd in Sun City. Hours are 7:00 AM until Noon. Set up beginning at 6:00 AM. Admission. Tailgaters/Vendors spaces \$10.00. Talk-In Frequency: 147.300 P1 162.2. Visit the web site at www.WestValleyHamfest.org for more details.

15 October 2016 - **2016 Kingman Hamfest** - hosted by the Mohave Amateur Radio Club will be held in the parking lot of the KRMC Medical Plaza, 2202 Stockton Hill Road in Kingman. Hours are 7:00 AM until 3:00 PM. Bring your own food and drinks. Contact Rick Cooper at 928.530.1671 or Bill Smith at 928.303.9857 for details.

21 - 22 October 2016 - **2016 Arizona State Convention/CopaFest 2016** - hosted by the Maricopa Amateur Radio Association will be held at the Ultra Star Center at Harrah's Ak-Chin Casino, 16000 Maricopa Road in Maricopa. Talk-In: 449.125- (P1 136.5) & 145.210- (P1 162.2). Contact Bob Howard at 520.222.7311 or email to w8rh@live.com for more information.

5 November 2016 - **Cochise Fall Swapmeet & Communications Exercise** - hosted by the Cochise Amateur Radio Association will be held at the Green Acres club facility located at 2756 S Moson Rd in Sierra Vista. Date to be confirmed. Contact Lee Ilse, KD7OED at kd7oed@arrl.net for more information.

5 November 2016 - **Harkfest Tailgate Hamfest** - hosted by the Hassayampa Amateur Radio Klub (HARK) will be held at North Ranch Escapees RV Park located at 30625 S Hwy 89 in Congress. Free Admission - Free VE Testing - Free Tailgate Sites (pre-registration required - n0daj1950@gmail.com). Prizes, Vendors, Arts & Crafts Show at Activity Center, Lunch will be served in the Activity Center. Overnight Camping (Full Hook-Up & Dry) is available and tailgating at campsite is permitted. Pre-registration for camping is required. Visit www.escapees.com/parking/congress to reserve. Talk-In: 146.620 (P1 162.2) or 146.580 (simplex). Contact Doug Jarmuth at n0daj1950@gmail.com for more info.

12 November 2016 - **Oro Valley ARC Hamfest** - hosted by the OroValley Amateur Radio Club will be held at Marana Middle School, 11279 W Grier Road in Marana. Talk-In: 146.620(-), 444.100(+), and 147.32(+)- all P1 156.7. Contact Steve Wood, W1SR at 520.906.1204 or email to nauset2222@yahoo.com for more information.

3 December 2016 - **SuperFest 2016** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Avenue in Mesa. Hours are 8:00 AM to 3:00 PM with set up beginning at 6:00 AM. Admission \$5.00 per person (under 12 years, free). Admission includes 1 hourly prize ticket. Tailgate - \$10.00 per space. Grand Prizes, Door Prize, Hourly Prizes. VE Testing, ARRL Card Checking, Special Event Station, GOTA Station, Fox Hunts, Great Food and Drinks, and Live Music by John J. KD8PC. Contact SuperFest Chairman at chairman@superstitionsuperfest.org for more info.

14 January 2017 - **Thunderbird Hamfest 2017** - 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 until 12:00 Noon with vendor set up beginning at 7:00 AM. Commercial Vendors may also set up Friday night after 5:00 PM. General Admission: \$3.00 per person. Tailgate and Vendor: \$10.00 per Parking Spot. Door Prizes every half hour, VE Testing (exam fee \$15.00), and Seminars. Snacks and Beverages will be Available. Talk-In on 146.700 -600 KHz, 162.2 P1 or 446.150 -5 MHz, 100 P1. Email hamfest@w7tbc.org for more details. Sorry - this is a church/school property - no firearms, alcohol or drugs are permitted.

17 - 18 February 2017 - **2017 Arizona Section Convention/Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd St in Yuma. Hours are Noon - 5:00 PM Friday and 8:00 AM - 5:00 PM Saturday. Gates open Thursday, 16 February, at 2:00 PM for camping. Admission \$5.00 per person. Talk-In frequency - 146.840 (-) P1 88.5 Hz. Check web site at www.yumahamfest.org for full details. Email contact: info@yumahamfest.org.

25 March 2017 - **Tucson Spring Hamfest** - hosted by the Radio Society of Tucson will be held in the north parking lot of the Target store at 9615 E Old Spanish Trail in Tucson. Hours are 7:00 AM until 11:00 AM. Set up starts at 6:00 AM. Free Admission and parking. Vendor/seller spaces - \$10 per space. Prizes, VE Testing, GOTA Station, ARRL Card Checking and Snacks. For map and information, visit the website at <http://www.k7rst.org>.

ADAW



CADXA Continued from Previous Column

The August meeting featured Larry Loen, WO7R, presenting “Arduinos with a Little Raspberry Pi.” Larry shared his knowledge of how these devices can be utilized for ham radio applications, particularly for remote station applications. He described how circuits can be customized for use where analog to digital conversion is needed for various types of electronic measurements. I walked into Fry’s Electronics a few days later and saw a wall full of Arduino project kits. I want to try one out and see if there is an Arduino or Raspberry Pi circuit in my station’s future.

I did make it to Williams for the Hamfest at the end of July. It was my first time to this event and I was a bit disappointed by the low turnout on Saturday. The highlight for me was attending the BBQ Dinner on Saturday and seeing the ARCA Ham of the Year Award given to the dynamic duo of Ingrid and Reinhard Geissler, W7ISG and K7RGG. They were recognized for all of their involvement with the ham community and their amazing efforts in the National Parks on the Air event this year. Congratulations Ingrid and Reinhard!!!



After the Williams Hamfest, Debby and I took the train ride to the Grand Canyon on Sunday morning. As an added treat to seeing the spectacular canyon in all its glory, there was an NPOTA activation by the Northern Arizona DX Association located in their trailer by the Grand Canyon train station. I got into their trailer long enough to fill the one-page log operating limit on 20m SSB. We had good weather and thoroughly enjoyed the day, including being held up by train robbers on the return trip. It turned out that one of the robbers had a ham license – who would’ve think it.



Right now I am exploring the world of remote radio from both ends. After operating N5IA’s remote 160-meter station earlier this year using a unique high gain antenna system for 1.8 MHz, also known as Top Band, I decided to try using the same Microbit Remoterig units to let someone operate my station remotely from time to time. We are finally at a point with internet speed and bandwidth where this technology is being used more and more, especially by those hams living in communities with antenna restrictions.

In the world of DX we have an unexpected expedition coming up quickly to Aves Island, YX0V, around the first week of September. Apparently, the Venezuelan Navy remembered that they cancelled the last attempt to go there and contacted the operators when they knew they would be going back. There was also an announcement this week confirming that an expedition to Bouvet Island, one of the rarest Antarctic entities, will take place in early 2018.

We have a couple of celebrities in our club with the current activities of Summits on the Air (SOTA) and National Parks on the Air (NPOTA). Tommy Turner, W7RV, is currently #18 internationally on the SOTA Roll of Honour with 12,528 activators worked and 62,804 points. Ingrid Geissler, W7ISG, is currently #6 on the NPOTA rankings with 155 park activations this year. A big WOW to both of you!!!

The next CADXA meeting will be on Thursday night, September 1st, at 7:00 p.m. at the PERA Club. Our program will be presented by Hank Wall, W0CZE, on radio communications used in the Mercury and Gemini space programs. I am looking forward to hearing about Hank’s first hand experiences during the most exciting days of our country’s space race. Come early to socialize. We will have refreshments at the break.

73,
Lee, KY7M
CADXA President

Continued Next Column



SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

SARC Continued from Previous Column

Here are a few pictures that Pete took during the day.

I am sorry, I missed the August general club meeting so I can't give you a report. I would bet it had another great presentation because Bob Johnsen, K7TR, our club VP, always finds the best speakers. I am hoping to get well again so I don't miss any more programs.

Our August monsoon has given us the usual dust storms, thunder storms and high humidity. And I think it has been hotter than usual. But then again, I think that way every year. Why is it that when the wind blows my pool gets inundated with branches and leaves? Just lucky I guess. Since I have been laid up, our 16-year-old granddaughter has been showing me the CORRECT way to vacuum the pool. I have been doing it the wrong way for forty years!

I have mentioned a time or two that my antennas for VHF, UHF and HF were all screwed up due to last year's storms. I have been fighting with a persistent illness and at my age climbing the tower to fix anything is out of the question. So, there I was, stuck with only a dual band HT and no HF. I have the increasing feeling of depression due to illness and advanced age. Poor me!!

Well, we have a terrific group of guys in the club that love to help. On Saturday, July 30, I went to the regular club breakfast at Denny's restaurant in the Pavilions. The spokesman for the group, Bill Kouchis, N9EIV encouraged me to have the work party over to my place and fix whatever was wrong with my set up. The RV yard is a mess I said with my grandson's car being in the way. The car is inoperable. He assured me they could move the car out of the way so he could get his bucket truck close to the tower.

So we all went over to my place and looked over the situation. The first problem was with the car that was in the way. Chris, our grandson had the keys with him and he had gone out of town. But with the expert help of Bob the car was movable. It was pushed out of the yard to the street so Bill could get his bucket truck in close to the tower. He has a terrific antenna analyzer that pinpointed the problems. He found that I had reversed the HF and VHF coaxes! That was the main problem with the antennas! Boy, do I feel stupid.

Since Bill had his truck in position and since the tower was erected in 1987, it was decided to replace the coax and the rotor cable. Al Jensen, KE7FSD, had some new coax and I had a new rotor cable. Bill went up in the air in the bucket and replaced both cables. Now I am back on the air thanks to the Crew. They are Bill Kouchis, N9EIV, Al Jensen, KE7FSD, Pete Jensen, and Bob Lugo.

Continued Next Column



Al Jensen supervising the work



Bill Kouchis checking over the rotor



Bill connecting new cable to the rotor



Bill connecting new coax to antenna

If you could use some help on your station, be sure to ask "The Crew."

To keep up with all of the fun activities the club is working on you should check out the club web site. The address is [www. Scottsdalearc.org](http://www.Scottsdalearc.org).

The club has a VHF / UHF net every Tuesday evening at 7:00 P.M.. The club frequencies are 147.18 with a tone of 162.2 and 440.00 with a tone of 100. Everyone is welcome to check in.

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

Ed Nickerson WU7S
enickerson427@aol.com





The Arizona Amateur Radio Club is proud of the accomplishments of Ingrid Geissler, W7ISG, and Reinhard Geissler, DL1UF/K7RGG, and nominated them as ARCA Hams of the Year. They did become the Hams of the Year and were presented their award at the Williams Barbeque dinner. Ingrid activated 44 National Park units on this past trip to the East, but overall she has been on the air from 78+ Park units so far this year, of which 64 were unique units. Their photos not only verified these activations but also they made us realize once again the beauty of this wonderful country we live in. Sometimes our daily involvements make us forget the beauty that surrounds us. Their photos and commentary renewed some of the history we may have forgotten. They showed us the true spirit of ham radio. Some nights were spent in their little tent in remote areas full of endless beauty. Reinhard notes that this is the same tent that he got second hand 36 years ago.

ADAW

SARC CONSTANTS:

SARC is a 501 (c)(3) club. That means all donations are fully tax deductible. Contact Paul Jorgenson, KE7HR at 602.992.8043 for information on estate donations and equipment pick-up.

For membership information, call Gerald Jacques, W7EMU 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.



Jack Crabtree W7JLC attended the workshop at Montana State University with four student interns from Arizona to build the payload for next summer's flight which will be launched from Glendo State Park in Wyoming. Our team was one of 38 teams building payloads for the flights during the Solar Eclipse. More information is available from MSU's web page at <http://eclipse.montana.edu>

Arizona Near Space Research had a successful launch and recovery of ANSR-101 from the hamfest at Williams. Unfortunately we had some programming problems with one of the cross band repeaters and were only able to fly one. Many people stopped by to watch the launch, view the tracking system, and the live video stream from the flight. Live tracking of the flight was also available at the ground station. Afterwards, we celebrated our 100th flight with a meal at one of the local restaurants.

Attached are some pictures from the camera on the flight, and pictures of the automated tracking system that some of our members have built for tracking and receiving the video stream.

Our older cross band repeater will be flying at the end of August on the HASP flight. Bryan Whipp W7BNW will be attending this flight of a much larger balloon and payload. This flight is part of the Louisiana State University's Department of Physics and Astronomy flight program which launches from the Columbia Scientific Balloon Facility base in Fort Sumner, New Mexico. This flight usually tracks across northern New Mexico into northern Arizona. More information is available from <http://laspace.lsu.edu/hasp/index.php>

Our next flight is currently planned to be from Maricopa at the COPAFEST 2016 on October 22nd. We are currently working on firming up the rest of our launch schedule for the fall. Tentatively the payloads for the Maricopa flight will include two live video streams and continued testing of the new cross band repeaters.

Hope everyone enjoys the pictures and looking forward to seeing you at the COPAFEST 2016.

Respectfully submitted,
Bill McLean
Treasurer
Arizona Near Space Research
www.ansr.org
K7WWM

ADAW

2016 ARCA Hams of the Year Award



Photo by John Marshall, WA7BSR

At the Williams Arizona Hamfest, the 2016 ARCA Arizona Ham of the Year award was presented to a very active and deserving couple, Reinhard Geissler, K7RGG/DL1UF, and Ingrid Geissler, W7ISG, because of their dedication to amateur radio and because of the many contributions they have made for the betterment of amateur radio, both in the United States and in Germany.

Reinhard is a QSL card checker attending many hamfests in Arizona in order to provide the card checking service. Reinhard is an active member of the Arizona Amateur Radio Club and Central Arizona DX Association (CADXA). He is a life member of both the ARRL and the German equivalent, DARC. Reinhard is the custodian of the OERZDXG, Ost ERZ DX Gruppe in Germany. Everyone who knows Reinhard would tell you that he is always willing to help any amateur with any problem whatever it may be. Combine his technical ability with his willingness and it is obvious why Reinhard is the Ham of the Year along with his XYL.

The Geisslers' affinity to Germany and their residence in the United States 11 TU in Geneva, Switzerland is maintained by the IARC for the use and benefit of club members and other licensed radio amateurs duly authorized to operate from the station. Reinhard operated twice in the eighties from 4U11 TU.

Ingrid is a member of and actively participates in seven amateur radio organizations. She served on the CADXA Board as Secretary for a couple of years. The founders of CADXA wanted to form a dedicated group of DXers to promote the passion of DX to the fullest extent. This is an important part of the Geisslers' philosophy. They pursue DX contacts and also work to help other amateur radio operators achieve this same goal.

Ingrid has a great love for amateur radio and has won several awards since first licensed nine years ago. Ingrid was asked by the ARRL staff person at the Williams Hamfest soon after she received her license why she loves amateur radio. Her response was "Long before receiving my license, ham radio

has been synonymous with the word "FUN" for me because of the wonderful experience of making new friends at Field Days as well as national and international gatherings that I attended with my husband, Reinhard, DL1UF. My competitive streak resonates with the exciting activity of contesting and DXing, which led me to jump right into an ARRL VHF QSO party and make more than enough radio contacts around the country to win my first award only two months after getting my own call sign. Working as a Medical Technologist in a hospital setting, I quickly gained an appreciation for the importance of Emergency Communication and now aim to be trained and become a valuable part of the Amateur Radio Emergency Services so that I can contribute during emergency situations in our nation." The ARRL still has this posted on the ARRL web site under "Why I Love Amateur Radio."

Ingrid's "competitive streak" earned her a number of contest awards with good regional rankings (two first places in AZ - ARRL VHF/UHF Contest, one first place in AZ - ARRL International DX Contest, and three first places in the US 7th call area - CQ World Wide DX Contest). She barely had her license in hand when she won the 2006 ARRL June VHF Contest in her class in AZ. Ingrid quickly qualified for the 6m VUCC and later got her 10m DXCC.

Reinhard and especially Ingrid are interested in the National Park Service Centennial, and at the time of this writing Ingrid has operated from 73 different park units. The "Activator Leader Board" shows her ranking as #6 out of 1000+ activators. When operating from these park units, she and Reinhard are frequently asked by the park rangers and visiting public about ham radio. They answer questions and offer them a flyer from the ARRL about our hobby.

Reinhard and Ingrid Geissler are very deserving of this honor as Hams of the Year because they have been instrumental in promoting ham radio and making it the effective activity that it is.



BEHIND THE SCENES AT W7ASC

The BIG PROJECT might be complete, as you read this Newsletter – or it might still be in the planning phase. The crack technical staff at C.A.R.L. has been poised for the start of the roof repairs. W7ASC volunteers will not be asked to do any roofing work, but the antennas and feed lines will be coming down (or have come down by now) as the schedule keeps slipping. “We start in four weeks” has been the cry for quite a while. Once the repairs have been completed by the contractor, the W7ASC antennas and coax will need to be reinstalled. The new coax has been on hand for all the time that the project has been imminent. Will the next ADAW Newsletter still be reporting on the roof repair project? You will need to be patient and watch your inbox.

We hear the clamor for clarification. What, for heaven’s sake, is this roof project all about?

A visitor, some months back, was heard to congratulate the Arizona Science Center staff for the special effects in the “Forces of Nature” exhibit. He realized that real water was running down his back. Time to fix the roof or start handing out towels.

In this, and other Newsletters, you see reference to both W7ASC and C.A.R.L. By way of explanation, C.A.R.L. is short for Center for Amateur Radio Learning. This is the Club that is registered with both the State of Arizona and the IRS. C.A.R.L. is a corporation, just like GM, Ford or Apple. Slight size difference, and C.A.R.L. is a not-for-profit. There are elected officers, Articles of Incorporation and By-Laws. This Newsletter does not provide medical or tax advice, but it is entirely possible that any contribution, of \$\$\$ or things of value, to C.A.R.L. might be a tax deduction. Ask your tax advisor. If you are asked to help dispose of a SK estate, make sure to mention this potential tax wrinkle.

W7ASC is the station that is operated by C.A.R.L. Bob KG7QJ is the current Station Trustee.

That should clear up any misunderstandings.

W7ASC

Volunteering at W7ASC is really stimulating, and fun. It appears, however, that there are some misunderstandings about the way that it works. Let us try to provide some clarity so that more of you will realize that you can join in the fun while still maintaining a happy home life, and keep your job. Meet your other obligations.

CARL Continued from Previous Column

Yes – there is an application that is to be completed. Really simple and basic. You can, upon request, receive a blank form by e-mail. Phone the newsletter editor at 480-664-7353, provide your e-mail address and it will appear in your inbox.

First of all, when you submit your application, you are not signing up for a fixed schedule. C.A.R.L. is not a branch of the Marine Corps. No pushups and no KP. No Drill Sergeants. You retain control of your life. Going through the (very simple) volunteer application process merely puts your name on the list of Hams who have been approved for volunteer duty. This protects all parties. Volunteers operate face-to-face with children and adults. The badge that you are issued makes it appear that you know the rules and that the Science Center knows who you are. This process is used for all volunteers. Hams are not singled out for special scrutiny.

Once you are on the list, you have a badge and, perhaps a purple shirt, you remain in total control. You will never see a squad of W7ASC agents drive up to drag you to duty. Never!

You will never receive a “greetings” letter telling you where and when to report. Never! The most that will happen will be the appearance of an e-mail in your inbox, from Bob KG7QJ, advising you of some open slots in the Shack schedule.

You can initiate contact with Bob, if you wish, telling him of your availability at some future date. With that information, Bob can shift things around in order to give you an opportunity to get in on the action.

E-mail not your thing? Bob takes phone calls at 480-961-1109

Made a schedule and something changes in your life? Forgot a birthday, or, worse yet, an Anniversary? No penalty charges apply.

Really simple, painless, and flexible. Non-binding. Here is a link to the W7ASC Volunteer page, with a link to the application form. Volunteer Info page: <http://www.w7asc.org/volunteers.html>

If you are planning to retire in 2020 and would like to start volunteering then, this might be bit early to apply. However, if you are still gainfully employed but would like to experience Field Day or JOTA at the Shack; if your rig needs to go to the ER but you cannot live without the buzz of the repeater I.D., you can drop in unannounced at the shack, if you have a badge. No cost for admission or parking, if you have one of those valuable volunteer badges. Perhaps your hours are unpredictable. Just call to see if you can help on short notice.

Are you active with the Scouts, either boy or girl? Your volunteer status will help them earn a merit badge. Or just have fun on the air, possible talking to other Scouts in distant cities.

There you have it. Questions may be directed to the Newsletter scribe, Jean W4IH, or to Bob, C.A.R.L. President, at 480-961-1109 or KG7QJ@cox.net

Your faithful scribe hopes that, by the time you are reading this Newsletter, it will be a bit cooler.

73 until next month.

de W4CIH

jeanjol@hotmail.com or 480-664-7353

Continued Next Column



Emergency Communications Since 1961

SHORT SKIP

ARRL Field Day 2016

WVARC held ARRL Field Day at the Sun City West Recreational Center on July 29 and 30, 2016. By all standards a success story.

The weather favored us with no monsoon activity, although seasonal high temps were present. The team effort would have made Vince Lombardi proud. Most members served on several committees – they know who they are.

We thank the following members: David Cee, KI7AVM for all the PR with the Rec. center and his crew for finding a perfect site location; Alex and his crew for erecting the (ARJM) tri-band beam; Mike, KB9TBY and his crew for setting up the 40/80 meter dipoles; Ralph, W9ADW for tutoring our younger guests while Mike, K7MJC, Dan, K2LH & Paul,

K7PKX manned the GOTA/Solar stations.

Thanks also to Jim, N7YTI our safety engineer; Dr. Ken, WB6MMV for providing heat related health inspections; and our cooks, Dave, WA0ZDM, Jim, K6RRS, Ralph, W9ADW and Ray, W0IVB for providing nutritional needs for the crews. Don't have a list of all the operators/loggers so can't list them, but thank all who stepped up to the mike/laptop.

There were a few comments regarding our use of colorful language which is due to our close relationship and tendency to forget this is a family activity. We'll do better next time.

I have submitted our report to ARRL. We did rather well, racking up over 2500 points, more than half were earned by John's, N9NA CW fist.

Thanks to Richard Haworth, W7MDQ, for the PSA and Coldwell Bankers for the use of their signs. A big thank you to KSCW LP (QRP) FM 103.1 for cosponsoring our event and to Dominique, WD7DX, and Bob, KG7FIL for the fantastic photos.

I think most will agree if we do this again, it should be in an air-conditioned mobile unit maybe in a public parking lot. Donations anyone?

Ray, W0IVB



VE Test Sessions Reports

DeVry University Test Sessions

The next exam session is Saturday, September 3rd, 2016. Exams start at 9:00 AM and all tests must be concluded by 11:00 AM. Please bring photo identification, \$15.00 test fee in check or cash (exact change only), original and copies of any current license, any Certificates of Successful Completion of Examination (CSCE) you might have, and a pen and pencil.

Ten candidates were examined at the August 6th session at DeVry with eight Technician Class, 1 General Class, and 1 Extra Class licenses being earned.

Administering VEs were:

David Morrill N7TWT Liaison, Bill Martin AI0D, Robert Miner KA7NPQ, Daniel Ford K2LH, Harry Scholz, AF7UT, and Josh Montano, WX7JM.

West Valley ARC License Exams

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

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

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

New Club Members

| | |
|--------------------------|--------------------|
| Jamie Adkinson | Nick Berger |
| Robert Church KI7GES | Robert Clark |
| Maria Coesens KI7GFC | Bruce Drewitt |
| Miles Gardner KI7CEG | Jim Gonsalves |
| Dick Hricziscse KI7GFA | Todd Greenhagen |
| Kristine Larson | Gary Larson KD7FVI |
| Ruben Martinez | Doug Porter |
| Kevin Spitz KI7GFD | Keith Tanner |
| Dave Vaillancourt KI7GFH | Jo Turner |
| Bob Walling KI7GGP | Brad Ziemer KI7GEQ |

Emergency Communications Class

Our next meeting will be September 15th at Boswell hospital in the Juniper room at 7:00 p.m. We will go over Winlink and equipment for emergency communication.

Hanging Out On The HF Bands

The HF bands are still active but are proving to be a bit problematical. Add to our lower sun spots the fact that Ole Sol has been gifting us with a number of solar flares and things have been a bit up and down.

If you want to follow along with the solar flare news you can go to www.spaceweather.com and subscribe to their alerts and get at least some advance warning on when the solar flares are spotted. If you tune 20 meters and don't find many stations, a flare may be the cause.

It is not all bad news however. Grey line propagation that I have mentioned before is still with us for at least 20 meters. The other night I worked European Russia, Brazil (rare for me) and New Zealand, all in the space of a couple of hours in the evening. Evening appears best to take advantage of the Grey Line.

The word is that the WARC bands, especially 17 meters, are good for DX rag chews with distant stations. Better for those who want more than just a short contact and signal report which happens on 20 and 10 with a lot of the DX stations.

Forty meters is good in the mornings and has quite a few nets that will welcome your participation. One is the Early Bird Net at 8:00 a.m. on 7280 if you want to give it a try.

I have a new IC-7300 that I am learning the ins and outs of. It seems to be quite a radio for the money and I am enjoying it. More on that in next month's column.

If you try some Grey Line propagation, let me know how it works for you.

Richard W7MDQ

Newbie Net Started

The "Newbie" net is held on the 1st and 3rd Friday's of each month at 7:00 p.m. on the NY7S repeater on Del Webb Hospital Sun City West AZ. Everyone is welcome. The net is to help get you started with the procedures and protocols used in amateur radio.

West Valley Amateur Radio Club High-Speed Multimedia Special Interest Group

The West Valley Amateur Radio Club is are starting a high-speed multimedia special interest group, and also mesh networking. If any is interested and would like to sign up, please let me know.

Bob KG7FIL kg7fil@arrl.net

Silent Key



Ron Bugler WD5AAU

Ron was the first member to reach and pass the century mark that I know, have enjoyed being with you at your home visiting with you and your wife also I think you have been at all the events we have had at Surprise Lake and Beardsley Park Sun City West.

Ron will be sorely missed by all who knew him.

Robert Paul KG7FIL



Real Estate

*Are you or someone you know looking for a Ham Home?
I can help you find a home with a tower or one where a
tower can be added. Call or email me to get started.*

*Richard Haworth W7MDQ
Coldwell Banker Residential Brokerage
602-370-1450 Cell, rahaworth@cox.net*



For Sale

Partly Restored Vintage Tube-type Transmitter: Baker Williams B&W 5100B AM/CW, 80-10m, 150w(2)6146's, has built in VFO and restored dial. Included is: Matching B&W 51SB-B SSB Generator (for ssb operation). Both will need new electrolytic filter capacitors. Interconnect cables (between 5100B and 51SB-B) included. \$485.00 for package. Contact: Ray, W7GNE @ 480-540-4629.

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. Contact: Ken Jenkins, WB6MMV at kjenkins5623@gmail.com or Bob Kettler WA6MIO at rdkettler@msn.com.

HAM RADIO OUTLET

14 STORE BUYING POWER!



FTDX5000MP Limited | 200W HF + 6M Transceiver

- Internal Power Supply • Two Totally Independent Receivers • Super Sharp "Roofing" Filters • High Performance Yaesu Custom-designed 32-bit Floating Point DSP • True Analog Meter Precision



FT-450D | 100W HF + 6M Transceiver

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



FTM-400DR | 2M/440 Mobile

- Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band



FTDX3000 | 100W HF + 6M Transceiver

- 100 Watt HF/6 Meters • Large and wide color LCD display • High Speed Spectrum Scope built-in • 32 bit high speed DSP /Down Conversion 1st IF **Call For Low Pricing!**



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

- 100w HF/6M, 50W 2M, 20W UHF • DSP included • 32 color display • 200 memo • Detachable front panel (YSK-857 required) **Call For Our Low Price!**



FT1DR | 144/430 5W Digital Transceiver

- C4FM/FDMA • 1200/9600bps AX.25 APRS & GPS Recvr Built-in • Dual Band Operation w/Dual Receivers (V-V/U-V/V-U) • Wideband Receiver/AM Bar Antenna/Aircraft Receive • 1266 Memory Channels w/16 Char Alpha Tagging **Also Available in Silver!**



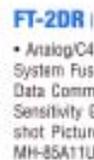
FT-991 | HF/50MHz/2M/440 Transceiver

- 160 M-440MHz - 55B/CW/FM/C4FM Digital/AM/RTTY/PSK • 100 W (2M/4440: 50 Watts) • 3.5" TFT full-color touch panel operation • High speed spectrum scope • Roofing filters: 3kHz & 15kHz • 32-bit high speed floating point IF DSP • 160-6 meter high speed automatic antenna tuner



FT-2900R | Heavy-Duty 75W 2M FM Transceiver

- Massive heatsink guarantees 75 watts of solid RF power • Loud 3 watts of audio output for noisy environments • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FT-2DR | C4FM/FM 144/430 MHz Transceiver

- Analog/C4FM Dual Monitor (V-V/U-U/V-U) • System Fusion compatible • 1200/9600 APRS Data Communications • Integrated 66ch High Sensitivity GPS • Wide Band Receiver • Snapshot Picture Taking Capability With Optional MH-85A11U



VX-8DR | 50/144/220/440

- 50/144/220/440 • 5W (1W 222 MHz) • Bluetooth optional • Waterproof/ submersible (3' for 30 min) • GPS APRS operation optional • Li-Ion Hi-capacity battery • Wide band Rx



FTDX1200 | 100W HF + 6M Transceiver

- Triple Conversion Receiver With 32-bit Floating Point DSP • 40 MHz 1st IF with selectable 3 kHz, 6kHz & 15 kHz Roofing Filters • Optional FFT-1 Supports AF-FFT Scope, RTTY/PSK31 Encode/Decode, CW Decode/Auto Zero-In • Full Color 4.3" TFT Display



FTM-100DR | C4FM FDMA/FM 144/430 MHz Transceiver

- Power Packed System Fusion Transceiver • High Audio Output Power • Rugged Powerful Transmitter • Integrated 66ch High Sensitivity GPS • 1200/9600 APRS Data Communications • Voice Guide and Recording Function *Optional FVS-2 Required • Digital Group Monitor (GM) Function • Digital Clock & Timer Functions



FT-60R | 2M/440 5W HT

- Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan



- RETAIL LOCATIONS - Store hours 10:00AM - 5:30PM - Closed Sunday
- PHONE - Toll-free phone hours 9:30AM - 5:30PM
- FAX - All store locations
- ONLINE - WWW.HAMRADIO.COM
- MAIL - All store locations

YAESU
The radio



| | | | | | | |
|-------------------------------|---------------------------------|----------------------------------|--------------------------------|-------------------------------|---------------------------------|----------------------------------|
| ANAHEIM, CA (800) 854-6046 | OAKLAND, CA (877) 892-1745 | SUNNYVALE, CA (877) 892-1749 | PORTLAND, OR (800) 785-4267 | PHOENIX, AZ (800) 559-7366 | WOODBIDGE, VA (800) 444-4799 | PLANO, TX (877) 456-8750 |
| BURBANK, CA (877) 892-1748 | SAN DIEGO, CA (877) 520-9623 | NEW CASTLE, DE (800) 844-4476 | DENVER, CO (800) 444-9476 | ATLANTA, GA (800) 444-7927 | SALEM, NH (800) 444-0047 | ONLINE STORE WWW.HAMRADIO.COM |

Toll-free including Hawaii, Alaska and Canada. Call will be routed to the nearest store. All HFD 800-lines can assist you. If the first line you call is busy, you may call another. AZ, CA, CO, GA, TX, VA residents add sales tax. Prices, specifications and descriptions subject to change without notice.