



## OCTOBER 2017 ARRL ARIZONA Section Newsletter

### ARRL -Arizona Activities

#### ARRL Section Manager – Rick Paquette

#### ARRL AZ Is Growing

We have been planning to upgrade our staff to provide more direct support to Clubs and Activities throughout the state. There are candidates who are being considered for the position of Assistant Section Manager for Four regions throughout the state. These positions will cover club events, and activities and also help amplify requests and concerns from individuals and clubs within their region. Our newest Assistant Section Manager is Mike Boger W7IJ (Upgraded from K7BUM), who has been appointed to support the Southern Counties of Arizona. He has been working with the clubs in Southern Arizona to review the club status and activities and update communications and media interfaces. Mike is being very active in helping identify where we can best help the clubs in Arizona. Mike was also just elected the new President of the Radio Society of Tucson, (RST) so he will have his hands full covering all these duties. We'll all help you Mike !

#### Arizona Ham-Call License Plate Fees Rebate

Remember that we are beginning to reap the benefit of getting reimbursement from the money we pay each year for our Amateur Callsign Plates. We will be receiving \$17 of each \$25 we pay to the State of Arizona for Amateur Plates each year. The money goes to ARCA (The Amateur Radio Council of Arizona), and will be used to benefit the clubs and individual Hams of the state. If your club does not belong to ARCA, now would be the time to join. For further detail see: [http://www.arca-az.org/image\\_files/pdf\\_files/azlicenseaction.pdf](http://www.arca-az.org/image_files/pdf_files/azlicenseaction.pdf)

#### Arizona Near Space Research Covers The Solar Eclipse

Arizona Near Space Research (ANSR) provided support to the August 21 Solar Eclipse, including flight predictions, launching, and recovering the payloads for the Arizona balloon team. They travelled to Glendo State Park in Wyoming and launched 2 balloons with payloads including multiple cameras which provided live video streaming to NASA showing video of the eclipse from approximately 80,000 to 100,000 feet up in the sky on August 21. More details of the flight are on their website [www.ansr.org](http://www.ansr.org) and NASA's website <https://eclipse2017.nasa.gov/eclipse-ballooning-project>

### Hamfests and Related Events

#### 15 September Southwest Division HAMCON

The ARRL Southwest Division Convention was held on 15 to 17 September, in Torrance Calif. This Years' Convention theme was "Ham Radio for Everyone" A full range of talks and exhibitions on equipment, operations, public service, Dxing, was presented. Division Director Dick Norton (N6AA) led the list of presenters and Section Manager Diana Feinberg (AI6DF), together with the entire Catalina Radio Club (The one in California) helping do the work, did all the hard work of organizing for the event. A special tour of the Battleship USS IOWA was conducted for ARRL members on Friday, and many were treated to a exclusive tour of the ship and its operations.

Our new Division Vice Director, Ned Sterns (AA7a) gave a super talk at the Saturday Luncheon on his recent DXpedition to the South Sandwich Islands and how brutal DXpeditions can get. A superb evening dinner talk was given by noted Space Weather authority Dr. Tamitha Skove. It was a great presentation and showed us all how solar activity affects not only our propagation, but weather here on earth as well. At the dinner she promised "Gordo" (Gordon West, WB6NOA) she would get her amateur ticket soon.

## Kingman Hamfest

On 7 October, the Hualapai Amateur Radio Club (HARC), conducted their annual Hamfest in Kingman. ARRL provided a booth and we talked with HARC club members as well as folks that drove in from Bullhead City and Lake Havasu. There were some great presentations and the EOC people gave a demonstration of their growing AREDN Emergency (Mesh) Network,

The Hualapai Club also coordinated activities from September 9 through 17, that included "Route 66 On The Air" and then on 22 and 23 September, they supported the "Andy Devine Days " Festival.

## 2017 Arizona QSO Party

The 2017 Arizona QSO Party, sponsored by the ARRL Arizona Section and Catalina Radio Club, was held from Oct 14 1600Z to Oct 14 0600Z and Oct 15 1400Z to Oct 15 2359Z. Phone, CW and Digital modes on 160/80/40/20/15/10/6/2 meters were attempted.

Single-Op, Multi-Op, Arizona Multi-Multi, Arizona County Expedition and Mobile categories were used.

## ARRL Section Managers' Conference At ARRL Headquarters

On 12 through 15 October, We attended a conference at the Newington, CT headquarters of the ARRL. The days were devoted to educating new Section Managers in the functional, legal and operational aspects of the ARRL.

Tours were afforded at the Headquarters building including the Test and Evaluation Lab, Publications, Emergency Communications center, and Field Operations. We were all afforded the opportunity to operate the radio stations at W1AW. Section Manager, W7RAP worked several Arizona Hams on 20 -Meters and 80 Meters CW from the W1AW station on the day of the Arizona QSO Party,



## 28 October: Copafest 2017 ARRL AZ State Convention

The Maricopa Amateur Radio Association conducted the State ARRL Convention held at the UltraStar at Ak-Chin Circle in Maricopa on 28 October. This years' events included VE Testing, Educational Seminars, A large selection of Raffle Prizes, A widely -attended ARCA meeting, and an interesting ARRL Section Managers meeting. A Near-Space balloon launch was successfully conducted, and the Balloon rose to over 100K ft.

The swap meet was well attended, and the weather was perfect for a Fall Hamfest. Each year this Hamfest gets better and better.



You can see photos of the recent Hamfests at the ARRL-Arizona Facebook pages <https://www.facebook.com/ArrlArizona/>

## UPCOMING EVENTS:

### 11 November: Oro Valley ARC Hamfest

Hosted by the Oro Valley Amateur Radio Club at Marana Middle School, 11285 W Grier Road, Marana, AZ  
Gates are open at 7:00 AM (5:00 AM for sellers) and close at 1:00 PM

General Admission: \$5.00 - Under 12 years old free with paid adult  
Seller Admission: \$10.00 per space and includes seller admission  
Veterans Day Ceremony, Multiple Raffle Prizes, Breakfast and Lunch Available  
VE Testing, QSL Card Checking, Seminars  
For more information visit the web site at [orovalleyarchamfest.com](http://orovalleyarchamfest.com)  
or contact Steve, W1SR at [w1sr@arrl.net](mailto:w1sr@arrl.net)

### **18 November: HARKFEST Tailgate Hamfest**

Hosted by the Hassayampa Amateur Radio Klub at the North Ranch Escapees RV Park, 30625 S Hwy 89, Congress, AZ  
Free Admission, Free Tailgate Sites (Pre-Registration Required - [djgrooms@yahoo.com](mailto:djgrooms@yahoo.com))  
Overnight Camping (Full Hook-Up or Dry) Available  
(pre-registration required for camping at [www.escapees.com/parking/congress](http://www.escapees.com/parking/congress))  
Tailgating permitted at campsite.  
VE Testing - Prizes

### **2 December: Superstition SuperFest 2017**

Hosted by the Superstition Amateur Radio Club  
Mesa Community College, 1833 W Southern Avenue, Mesa, AZ  
Hours: 8:00 AM - 4:00 PM  
Admission: \$5.00 per person, Children 12 and Under Free  
Tailgate: \$10.00 per space.  
VE Testing: Registration from 8:00 AM - 9:00 AM, Testing begins at 9:00 AM  
Grand and Hourly Prizes, ARRL Card Checking, GOTA Station, Fox Hunts  
Special Event Station K7A Commemorating the USS Arizona.  
For more information, contact the SuperFest Chairman at [chairman@superstitionhamfest.org](mailto:chairman@superstitionhamfest.org)

### **13 January 2018 : Thunderbird Hamfest**

Hosted by the Thunderbird Amateur Radio Club  
Northwest Community Church, 16615 N 43rd Ave, Phoenix, AZ  
Visit the web site at [www.w7tbc.org](http://www.w7tbc.org) for more information.  
Contact: Walter Reinert, NJ8G at 602.938.8219 or email [nj8g@cox.net](mailto:nj8g@cox.net)

### **21-27, 2018 January QuartzFest Convention** in Quartzsite, AZ.

An ARRL SPECIATY Convention. This week-long Hamfest Features activities for all. Road Runner BLM, La Paz Valley Road (53rd Street N), Quartzsite, AZ  
Talk-In: 146.55 FM Simplex  
Website: <http://quartzfest.org> - Contact Kristyn Weed, KR1SS [kristynweed@gmail.com](mailto:kristynweed@gmail.com)

### **16 - 17 February 2018 2018 ARRL Southwestern Division Convention/Yuma Hamfest**

Hosted by the Yuma Amateur Radio Hamfest Organization  
Yuma County Fairgrounds, 2520 E 32nd St, Yuma, AZ  
Check the web site at [www.yumahamfest.org](http://www.yumahamfest.org) for additional information.

## **AMATEUR RADIO TESTING**

### **Phoenix area:**

**1st Sat 9:00AM** DeVry/West Valley Club (Walk-ins allowed) Contact David, N7TWT (623)925-0680  
Email: [N7TWT@ARRL.NET](mailto:N7TWT@ARRL.NET) Location: DEVRY UNIVERSITY 2149 W DUNLAP AVE PHOENIX, AZ 85021

### **2nd Wednesday,**

Central Phoenix VE Team Location: South Mountain Community College (Library) Time: 6:30 PM (No walk-ins) Contact:  
Bill Martin (480) 205-3625 (480) 205-3625 Limited space, you must contact Bill. Email: [ai0d@hotmail.com](mailto:ai0d@hotmail.com)

### **3rd Monday**

**6:00 PM** EAST VALLEY VE TEAM (Walk-ins allowed) Contact Steve, KY7W 480-478-9692. 1104 East Campus Drive, Tempe, AZ 85282-3913.

Email: [KJ7WK@COX.NET](mailto:KJ7WK@COX.NET)

East Mesa VE Team will take walk-in registrants between 6 PM and 6:30 PM. Testing will begin promptly at 6:30 for the Technician examination. You must have Photo ID. \$15.00 Fee (exact change Please.)

### **3rd Tuesday**

**8:00 PM BOY SCOUT TROOP 127** (Walk-ins allowed) Contact: JOHN H KELLY (602)264-6854 Email: KELLYJ127@AOL.COM Location: ST FRANCIS XAVIER SCHOOL, 4715 N CENTRAL AVE PHOENIX, AZ 85012

### **4th Sat**

**7:00PM Arizona Amateur Radio Club** (No walk-ins) PRE-REGISTRATION REQUIRED NOTIFY GARY BY THURS NITE Contact Gary Hamman, K7GH (602) 996-8148 Email: K7GH@ARRL.NET Location: 4747 N. 22nd Street, on the eastside of 22nd Street and just north of Highland Ave. in Phoenix. (No walk-ins),

### **Tucson Area:**

**Lighthouse YMCA/ARRL:** First Thursday Contact Matt, AC7IL, [veregistration@ac7il.org](mailto:veregistration@ac7il.org)

**Oro Valley/ARRL:** First Saturday Contact David, AK2L, [ak2l@arrl.net](mailto:ak2l@arrl.net)

**RST/ Laurel (No Fee):** Second Monday Contact Diane, AA3OF, [dzimmerman2002@gmail.com](mailto:dzimmerman2002@gmail.com)

**Jacobs Park YMCA/ARRL:** Third Saturday Contact Fred, K7OFA, [k7ofa@arrl.net](mailto:k7ofa@arrl.net)

**Graham / Greenlee County Area:** For VE testing on request, please contact Dave, N7AM, and he will arrange it.

### **Yuma Area:**

Second Saturday of each month. By appointment only. Contact Sam Yarbrough W7SLY [W7SLY@roadrunner.com](mailto:W7SLY@roadrunner.com) or Robert Spencer KE8DM at [ke8dm@arrl.org](mailto:ke8dm@arrl.org)

### **ARIZONA SECTION EMERGENCY COORDINATOR: Dennis Bietry KE7EJF:**

Fall is upon us and that means that the public service season is in full swing in certain parts of the state, while it has come to an end for other areas. Public service events are great training for real time disasters and keeps us prepared. Now is the time to pull out your equipment and blow out the dust. Check not only your every day equipment but your spare radios, batteries, portables antennas, spare parts and even your go bags. Speaking of public service, don't forget to report your hours each month on the AZ-ARES website. While you're there, check your profile and make sure that your contact numbers and capabilities are up to date. If you don't have an account, go to [www.az-arrl.net/ares](http://www.az-arrl.net/ares) and sign up now.

For several years, I have encouraged everyone to take the ICS Training classes. Now is the time to complete ICS-100, ICS-200 and ICS 700. You can find these free on line classes at <http://training.fema.gov/emi/>. After you complete the classes, please forward copies of your Certificates to your ARES District Emergency Coordinator. If you have questions ask your local Emergency Coordinator or DEC / Dennis Bietry KE7EJF Section Emergency Coordinator [ke7ejf@arrl.net](mailto:ke7ejf@arrl.net)

### **ARIZONA NETS**

**Arizona Traffic and Emergency Net (ATEN)** meets in the winter from October 15 to April 15 at 5:30 PM and in the summer from April 15 to October 15 at 7:00PM on 3986 kHz daily. Tommy Ivan KF7GC Net Manager, Arizona Section Traffic Manager [kf7gc@arrl.net](mailto:kf7gc@arrl.net) [www.atenaz.net](http://www.atenaz.net)

**Arizona Emergency Net – Maricopa (AEN-MAR)** meets every Monday at 9:00 PM local time, for training and exercise in the public service communication arts on the Mt. Ord 146.92(-), Shaw Butte 147.24(+) or Scottsdale Airpark 146.760(-) repeaters. The repeaters require a 162.2 Hz tone. The repeaters are linked and cover most of Maricopa County and portions of Pinal, Gila, Coconino and Yavapai Counties in central Arizona. <http://www.aen-mar.org>

**Saguaro National Traffic System (NTS) Net** ([www.saguaronts.net](http://www.saguaronts.net)), meets daily at 6:30 pm MST (0130Z) on the Eastern Arizona Amateur Radio Society (E.A.A.R.S.) (<http://www.eaars.org/>) repeaters. The repeaters are; 146.86 and (440.700 Hub) Heliograph Peak 147.28 Guthrie Peak - Greenlee County 145.21 Jacks Peak New Mexico. Between Lordsburg & Silver City 145.41 Pinal Peak Near Globe AZ 147.16 Mt Lemmon Near Tucson 146.70 Greens Peak Near Springerville - Showlow 145.27 South Mtn. Near Alpine, AZ 147.08 Mule Mtn. Near Bisbee in Cochise County 147.06 Lil Florida Mtn. Near Deming, New Mexico 145.47 Caballo Mtn. Near Truth or Consequences, New Mexico 145.35 West Peak. West of

Heliograph 12 miles All E.A.A.R.S. network repeaters operate with PL tone 141.3. For more information about this net, contact Greg Peters (kc5zgg@arrl.net), Net Co-Manager. - There are many more nets in Arizona. Contact Tomy Ivan KF7GC for the full list.

**AM 2 meter net Greater Phoenix Metropolitan area**, 2 meter AM net, 144.450 MHz, every Tuesday night at 1930 MST. Antenna vertical polarization. The 144.450 MHz is a coordinated AM frequency in Arizona. This is an informal NET, most discussions are technical. All are welcome.

#### **ON-LINE AMATEUR RADIO COURSE**

Several new hams wrote to me about an online Amateur Radio Course put together by Andy KE4GKP. They have the Technician, General and even Morse Code courses. Check them out at <http://www.hamwhisperer.com/p/ham-courses.html> it is even available on YouTube.

#### **Ham Radio Contests**

For information on contests go <http://www.arrl.org/files/file/Contest%20Corral/>

**Have an event coming up?** Let us know. Send us the flyer and we will add it to this newsletter.

Note: If you are receiving the text version of this newsletter, the flyers can be found at [www.az-arrl.org](http://www.az-arrl.org) or <http://www.arrl.org/Groups/view/arizona>