

Arizona Section Newsletter

September 2019



Arizona Section Manager, Rick Paquette W7RAP

Fall is right around the corner and Amateur Radio activities appear everywhere on the calendar. Our ARRL-AZ ARRL team is visiting the Duke City ARRL Division Convention next week to help train their DXCC checkers, and to make presentations. We also will be meeting with their convention committee to get advice on how they manage their very successful event each year, as we continue to learn how to expand our Conventions and Hamfests here in Arizona.

Working Committee for the ARRL Arizona Amateur Radio Emergency Services Convention

In response to the recent visitation to the Coconino EOC by Governor Doug Ducey as well as other excellent media coverage of their successes in emergency events recently, the opportunity presents itself that a venue exists for an ARRL Amateur Radio Emergency Services Convention. The event would showcase activities, hardware, and capabilities being used and shared here in Arizona. In conjunction with the event, we have the opportunity to conduct a Hamfest there that would recreate the summertime fun and activities we shared so many times at Ft. Tuthill.

ARRL Section Managers, and club leaders have investigated this possibility for the past two years. Late in August 2019, we held a meeting with leaders of the Coconino ARC and the Northern Arizona DX Assn and discussed alternatives and venues that might be pursued. Trips were made to locations and talks held with the Activities Management of Ft. Tuthill in Flagstaff and a tour of the facilities has been made. The location has been beautifully renovated and most all of the facilities are in excellent shape to accommodate us.

We will continue to develop the concept and have as a goal, to formalize the opportunity as a State Convention, or perhaps a Division Convention during July or August of 2020. Teams are being formed and budget goals established and monthly meetings are in progress. If you are interested, please contact ARRL-AZ and share your ideas and willingness to help.

YUMA 2020 Hamfest and Southwestern Division Convention News

The Yuma Amateur Radio Hamfest Organization committee, led by Jeff Weeks (W7JLW) had been working for some time to have the date of the Yuma Hamfest / Southwestern Division Convention changed to one week later, to avoid conflicts with the ARRL Worldwide CW Contest as well as the Orlando Hamfest, which draws a large number of vendors and Hams. Unfortunately, the Yuma Fairgrounds Committee could not accommodate all the changes and the YARHO has decided to revert to the original schedule of 14 and 15 February, for the 2020 Convention.

ARRL - Arizona Section web site: www.az-arrl.org

Jeff and his team have been very successful in conducting the event, and we plan on even better activities and another special weekend to all who come.

Arizona QSO Party Coming:

The weekend of October 12/13 will again present the Arizona QSO Party for all to participate. The QSO Party Committee, led by Bill Smith is offering 36 different Awards in a variety of categories. This is an exciting event where you get to compete against your own AZ friends, and get to know many more. Each year this event becomes more popular. Across America and around the world, we have become a popular go-to state for contacts. Go to https://www.azqsoparty.org/ And download the rules, categories, and schedule.

Section Emergency Coordinator, Dennis Bietry KE7EJF

September is National Preparedness Month. Now is the time to review your family's preparedness. A great place to get information is the preparedness campaign at www.azein.gov They will have weekly subjects; Plan, Prepare – Build A Kit, Inquire – Be Informed and Inspire Others. Another place for information is www.ready.gov. Use these sources and make sure your families are prepared. If they aren't taken care of, you can't be a good communicator worrying about your family.

As I write this, many people on the East Coast are being required to test their preparedness as Hurricane Dorian bears down on them. Think of this while reviewing your own preparedness.

Dennis Bietry – KE7EJF/Section Emergency Coordinator / ke7ejf@arrl.net

Youth and Scouting, Tom Fagan K7DF

No Report

Affiliated Club Coordinator, Mike Boger W7IJ

An application has been approved for the newly-formed Chandler Ham Radio Club, with Gary Laatsch (KI7PBR) as president and 24 members. If you are interested contact the club at President@chandlerhams.org. This is our fourth new club this year, and we continue to grow to accommodate our expanding Amateur population.

Technical Coordinator, Carl Foster KB7AZ

We have been working a number of issues with Hams in Arizona on a rash of RFI-related incidents. This brings up the need to review the resources available to all of us when we face the issue of Radio Frequency Interference:

The ARRL's (W1RFI) book and articles are excellent resources. Published in 1999 but still timely. https://www.amazon.com/Handbook-Practical-Cures-Frequency-Interference/dp/0872596834/ref=sr_1_1?keywords=arrl+rfi+book+ed+hare&qid=1565883643&s=books&sr=1-1

Mike Gruber's (W1MG) more recent book (2015.) Mike works with Ed Hare at the ARRL https://www.amazon.com/ARRL-RFI-Book-
Softcover/dp/0872590917/ref=sr 1 1?keywords=arrl+rfi+book&qid=1565883484&s=books&sr=1-1

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http://www.arrl.org/shop/The-ARRL-RFI-Book-3rd-Edition/

Also Mike's article on with mode power supplies, which have an an increasing EMI problem for many years. Worth checking out this potential source.

 $\underline{http://www.arrl.org/news/switching-power-supplies-a-more-common-noise-source-than-power-lines-\underline{arrl-lab-manager-says}}$

The late Marv Loftness's (KB7KK) book is focused entirely on power line interference, and is often used by power company RF investigators. At one time, SRP had an RF investigator on staff. https://www.amazon.com/Power-Interference-Handbook-Marv-Loftness/dp/0965376036

Thanks to Daryl Gerke, K0FBF a PE with Kimmel Gerke Associates, Ltd. (Consulting Engineers) www.emiguru.com

New Hams and License Upgrades For September

It was another Banner month for New and Upgrading Amateurs here in Arizona. 67 New Hams AGAIN THIS MONTH!

Particular congratulations go to all the VE Teams and Instructor Teams that keep us at the top of the list in Amateur Growth. Keep it up!!!! You are doing GREAT!!!

KJ7IGY	Joseph	Sumpter	Phoenix	T
AG7WR	Aric	Gray	Phoenix	E
KJ7IKK	Glen	Walker	Phoenix	T
KJ7IPM	James	Sisson	Phoenix	T
KJ7IPP	Sean	Hummel	Phoenix	T
KJ7IRB	Eric	De Gaston	Phoenix	T
KJ7IRC	Stacey	Page	Phoenix	T
KJ7IHA	David	Temby	Phoenix	T
KJ7IGW	David	Lorenzi	Phoenix	T
KJ7IRX	Rory	Conaway	Phoenix	T
KJ7IPO	Bernardo	Hernandez	Phoenix	T
KJ7IGX	Brandon	Ojala	Anthem	T
KJ7IPN	Richard	Lynch	Phoenix	T
KJ7IPJ	David	Hess	New River	T
KJ7INR	David	Winters	Casa Grande	T
AG7WQ	Thomas	Erickson	Coolidge	E
			San Tan	
KJ7ISN	Douglas	Paquette	Valley	T
KJ7INU	Frank	Flemming	Queen Creek	T
KJ7IKN	Daniel	Biesemeyer	Queen Creek	T
KJ7IQX	Bruce	Stradling	Mesa	T
KJ7IHB	Daniel	Olson	Mesa	T
KJ7IRD	Clayton	Kent	Mesa	T
KJ7INS	David	Martin	Mesa	T

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KJ7IOO	Eric	Nystrom	Chandler	G
KJ7ION	Anthony	Colatorti	Chandler	T
KJ7INV	John	Seals	Gilbert	T
KJ7INT	Charles	Gierke	Scottsdale	T
KJ7INW	Edward	Youn	Scottsdale	G
KJ7IPQ	Steven	Novotny	Scottsdale	T
KJ7IPL	Paul	Thomas	Scottsdale	T
KJ7ILL	Robert	Zahara	Fountain Hills	T
KJ7IRW	Cassandra	Whitton	Tempe	G
KJ7IQG	Leray	Hillmon	Tempe	G
KJ7IHJ	Philip	Conn	Tempe	T
KJ7IOK	Matthew	Koenigslieb	Tempe	T
KJ7IIT	Gary	Richardson	Tempe	T
KJ7IPH	Robert	Lee	Glendale	T
KJ7IPU	William	Stallings	Glendale	T
KJ7IRY	Kyle	Wilson	Glendale	T
KJ7IHT	David	Poole	Glendale	T
KJ7IGZ	Jonathan	Romberg	Glendale	T
KJ7IPT	Michael	Lara	Glendale	T
KJ7IPI	Neal	Puff	Cave Creek	T
KJ7IOL	Marty	Lopez	Laveen	T
KJ7IOM	Jason	Heath	Laveen	T
KJ7IKF	Christopher	Garcia	Peoria	T
KJ7IPR	Christopher	Keller	Peoria	T
KJ7IHU	Daren	Wunderle	Peoria	G
KJ7IPS	Donovan	Park	Goodyear	T
KJ7IHV	Cambria	Thompson	Buckeye	T
KJ7ILG	Rebecca	Nieser	Sahuarita	T
KJ7IIQ	David	Goskinski	Tucson	T
KJ7ILF	Kevin	Burke	Tucson	T
KJ7ILH	Anthony	Valdez	Tucson	T
KJ7IIR	Draven	Harris	Tucson	T
KJ7ILE	Paul	Hintze	Tucson	G
KJ7IIS	Avery	Mapes	Tucson	T
KJ7ILJ	Max	Wolf	Oro Valley	T
KJ7IRE	Richard	Cary	Show Low	T
KJ7IRA	Garrett	Stallings	Show Low	T
KJ7IGQ	Roger	Brown	Concho	T
KJ7IMU	Jerry	Hubbard	Overgaard	G
KJ7IQY	Jami	Underwood	Pinedale	T
KJ7IQZ	Robin	Underwood	Pinedale	T
KJ7IPK	Christopher	Lee	Page	G
KJ7IKQ	Joshua	Bowen	Prescott	T

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KJ7IGP	Jerry	Wilper	Clarkdale	T

Congratulations also, to the 16 hams who recently upgraded their license.

KC7OGJ	James	Towner	Phoenix	G
KI7GBL	Erik	Rodabaugh	Phoenix	G
KJ7IDJ	George	Chase	Phoenix	G
KE6MHP	Erwin	Acalinas	Mesa	G
KA6YHO	James	Williams	Scottsdale	G
KF7MMZ	Paul	Zerr	Gilbert	G
KJ7FSY	Myron	Tomlinson	Buckeye	G
KJ7HXE	Chester	Chatfield	Peoria	G
KI7HCK	Larry	Hill	Yuma	G
KJ7HZF	Kenneth	Smith	Peoria	G
KD7LMY	Luis	Rivera	Safford	E
KG7VLJ	John	Mcgee	Green Valley	G
KJ7HCP	Jeanne	Crane	Rio Rico	G
KJ7ERN	Craig	Walsh	Tucson	G
KG7GNN	Mark	Maley	Tucson	E
KJ7HJZ	Andrew	Lee	Clarkdale	G

Upcoming Hamfests and Events

HAM SWAPFEST October 5th 9:00-12:00 Rumsey Park Ramada #4

The TARA 2019 Swapfest will be held Saturday, October 5th at Ramada #4, Rumsey Park, Payson. It will start at 09:00 and run till 12:00. We have reserved the Ramada until 5:00 so join us for a potluck/BBQ following the Swapfest, (bring your own meat and something to share). There will be a hot grill to cook on and condiments provided. To help cover expenses we are charging \$5 for tailgaters or \$5 per table for vendors. There is no entrance fee. This is a place to buy, sell, and swap amateur radio, electronic and computer equipment. Hams and non-hams alike are welcome. To pre-register or for additional information call or e-mail: Bruce Johnson, N7DDT 928-474-4154 stretch8@q.com

THE 11TH RUNNING OF THE ARIZONA QSO PARTY, October 12 & 13, 2019.

Check the Arizona QSO Party website www.azqsoparty.org for up-to-date information on awards, activated counties, multiplier abbreviations, resources, logs received, results and more. Plaques will be presented to all category winners. The Arizona Prickly Pear Cactus Jelly awards will be presented to the top New Contesters. entrants. The Bonus Station this year is W7A. Results will be published shortly after the logs due date of October 23. Join the party, make some contacts, and have ham radio fun in the AZQP!

Search for ARRL sanctioned hamfests: http://www.arrl.org/hamfests-and-conventions-calendar See upcoming hamfest fliers attached at bottom of this newsletter.

Amateur Radio Classes

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Find upcoming classes: http://www.arrl.org/find-an-amateur-radio-license-class

Amateur Radio Testing

Search for upcoming Amateur Radio exams: http://www.arrl.org/exam_sessions/search

Arizona Test Sessions

Phoenix area:

- 1st Saturday 9:00AM DeVry/West Valley Club (Walk-ins allowed) Contact David, N7TWT (623)925-0680 Email: N7TWT@ARRL.NET Location: De Vry University 2149 W Dunlap Ave PHOENIX, AZ 85021
- 2nd Wednesday 6:30PM Central Phoenix VE Team- Location: South Mountain Community College (Library) (No walk-ins) Contact: Bill Martin (480) 205-3625 (480) 205-3625 Limited space, you must contact Bill. Email: ai0d@hotmail.com
- 2nd Tuesday of each month- East Valley VE Team 6:00 PM (Walk-ins allowed) VEC: ARRL/VEC Location: Charles K. Luster Building (Formally known as City of Mesa Utilities) 640 N Mesa Dr Mesa AZ 85201-5104

Contact: Fred C. Bollinger (480) 242-8606 Email: <u>fredbollinger@gmail.com</u>

• 3rd Tuesday 8:00PM - 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 Saturday 7:00PM Arizona Amateur Radio Club (No walk-ins) Pre-Registration Required Location: 4747 N. 22nd Street, on the eastside of 22nd Street and just north of Highland Ave. in Phoenix. Notify Gary By Thurs Nite, Contact Gary Hamman, K7GH (602) 996-8148 Email: K7GH@ARRL.NET
- 3rd Wednesday 6:00 PM The Thunderbird ARC offers tests at no charge to the public Location: Honor Health Medical Office Bldg. 19841 N. 27th Ave, Phoenix, Contact: Briam Mc Carthy 623 486-0507 <u>ve@w7tbc.org</u>.

Tucson Area:

- 1st Thursday Lighthouse YMCA/ARRL. Contact Matt, AC7IL, veregistration@ac7il.org
- 1st Saturday Oro Valley/ARRL. Contact Quinton, NU7Y, nu7y@arrl.net
- 2nd Monday RST/ Laurel (No Fee): Contact Diane, AA3OF, dzimmerman2002@gmail.com

Graham / Greenlee County Area:

• For VE testing on request, please contact Dave, N7AM, and he will arrange it.

Yuma Area:

• 2nd Saturday - By appointment only. Contact Sam Yarbrough W7SLY at: W7SLY@roadrunner.com or Robert Spencer KE8DM at: ke8dm@arrl.org

Arizona Nets

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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 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 following six linked repeaters. Shaw Butte 147.24 (plus offset), Mount Ord 146.92 (minus offset), Scottsdale Airpark 146.76 (minus offset), Usery Pass 146.86 (minus offset), Mingus Mountain 146.82 (minus offset), and Daisy Mountain 448.375 (minus offset). All of the 2-meter repeaters require a 162.2Hz tone and the 70-centimeter repeater requires a 100.0Hz 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), 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)

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.



TUCSON AUTUMN HAMFEST

Saturday September 28th 7AM - 11 AM

FREE ADMISSION & PARKING
FREE Testing by The Laurel VEC 9 to 11 AM



Talk -in Repeater Frequency: 145.250- MHz, Tone 156.7 Hz



TARGET

9615 E. Old Spanish Trail

Tucson, AZ
NORTH PARKING LOT



Free VE Onsite Testing

Morning Meal Hot Breakfast And Morning Snacks.

ARRL Awards Checking

Seller setup starts at 6:00 AM.

All Vendor/Seller Spaces \$10/space.

RAFFLE!

Tickets: \$2 each, 3 for \$5, 7 for \$10 Need not be present to win!

Prizes:

ICOM IC-7100, CIS CS800D Dual Band Mobile.

Multiple TARGET gift certificates, ARRL Gift Certificates.

Map and information: http://www.k7rst.org

ARRL - Arizona Section web site: www.az-arrl.org

The Maricopa Amateur Radio Association

COPAFEST 2019

OCTOBER 26, 2019









THE ULTRASTAR AT AK-CHIN CIRCLE 16000 N Maricopa Road, Maricopa, AZ

07:00-13:00

Donation \$5 per person

Talk-in 449.125 - 136.5

145.210 - 162.2

446.300 - 100.0

Door Prizes

Grand prize drawing

Seminars

Tailgate



"HARKFEST" Tailgate Hamfest Nov. 2, 2019 (Saturday) 8 A.M. - Noon

Hassayampa Amateur Radio Klub (HARK) North Ranch Escapees RV Park, 30625 S. Hwy 89, Congress, AZ 85332 (GPS: 34 06.292, 112 49.880), Mile Marker 263.8

Talk in on 146.580 (simplex) or on 146.620 repeater (pl. 162.2).

- ARRL Card Checking
 - Free Admission
- Free Tailgating & Vendor Sites Must pre-register via email to: bridges.slt@gmail.com
 - Overnight Full RV hook-up or dry camping North Ranch Escapees (northranch@escapees.com)
- Free Ham Radio License Testing via LARC VE Testing Must pre-register via email to: cecarter39@yahoo.com



- Arts & Crafts Show (9 A.M. 2 P.M.)
 - Hot Lunch Available

HARKFEST MAIN PRIZES & LOTS OF DOOR PRIZES:

Grand Prize - Yaesu FT-100DR Second Prize - Handheld 2m/440 Radio

Third Prize - Battery (donated by Bioenno Power)

Drawing at Noon for Grand, Second & Third Prizes

Door Prizes drawn throughout the morning

Tickets: \$1 each, 6 for \$5, 15 for \$10

Hassayampa Amateur Radio Klub (HARK) - Web Site: harkaz.org Questions? Please send email to Duane Grooms, KDOKYK, at digrooms@yahoo.com

ARRL - Arizona Section web site: www.az-arrl.org

ORO VALLEY ARC



HAMFEST

Great Fun!

Great Raffle Prizes!

Indoor VE Session!

Pre-registration for VE testing preferred but not required. Email licensing@tucsonhamradio.org

Interesting Seminars!

See website for Seminar Schedule

ARRL Booth with Award Card Checking and Logbook of the World assistance!

Food Truck for Breakfast and Lunch An ARRL Sanctioned Event Presented by the Oro Valley Amateur Radio Club

November 9, 2019

Marana Middle School 11285 West Grier Road Marana Arizona 85653

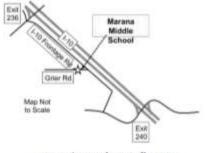
Gates open at 7:00 AM (5:00am for sellers) and close at 1:00 PM

Admission: \$5.00 includes a bottle of water (Children under 12 free with a paid adult)

Students free with any Arizona school II

Sellers: \$10 per space (includes the seller)

Contact hamfest@tucsonhamradio.org for more information



www.tucsonhamradio.org
Pick 'Our Hamfest' from Menu

Per AZ State Law, no smoking or firearms are permitted on school property including parking areas.







GRAND PRIZE RAFFLE

First Prize: Yaesu FT-991A All-Band, Multimode

Second Prize: Icom IC-7300 HF/50MHz Transceiver

Third Prize: Yaesu FT-891 HF+50 MHz All Mode Mobile Transceiver.

Grand Prize Tickets

Tickets \$2.00 each

Presale Tickets Online @ <u>https://www.superstitionsuperfest.org/sf_lickets.shtml</u>
 Need not be present to win **

HOURLY PRIZE RAFFLE

Tickets \$1.00 each

Available on the day of the event only, "Must be present to win "

Door Prize Drawing!

- Prize: Yaesu FT-70DR C4FM FDMA / FM 144/430 MHz Dust Band Handheld
- You will receive One Door Prize ticket with each paid admission.
- The drawing for this prize will take place after the Grand Prize Drawing.
- You Must Be Present To Win "

ACTIVITIES

- VE Testing \$15.00 Fee, Registration 8:00 9:00, Testing Starts @ 9:00AM
 - Participants Must Pre-Register for testing at the times listed
 - Bring The Appropriate Information With You For Testing, Information May Be Found On The ARRI. Web Site @ http://www.arri.org/what-to-bring-to-an-exam-session
 - For Additional Information or Questions Contact Fred Bollinger, AB7, JF @ 480-242-8606
 - VE Testing Sponsored By: MCC Amateur Radio Club will take place in Building TC-50 classroom 415
 - Presentations Sponsored By: MCC Amateur Radio Club and will take place in Building TC 50- classroom 414
- ARRL Card Checking Available
- Special Events Station K7A Commemorating The USS Arizona
- Gota Station Make Contacts Around The World With An Experienced Extra Class Operator
- . Fox Hunt, Food Vendor and Drinks Available
- . Live sixties and seventies music by John J. KD8PC
- The ARCA meeting will be held in building TC-50 and classroom 415 from 12:00 to 1:00 pm

Tailgaters/Commercial Vendors

- . Tailgate \$10.00 includes 2 spaces and 2 paid admissions, set up time 6:00 am Saturday morning
- Commercial Vendors, Please contact our Committee Chairman at: chairman@superationsuperfest.org for more information on setting up.

Admission

. \$5.00 per person, one door prize ticket with each paid admission. Children 12 and under are free

The Superstition Amateur Radio Club, is a 501(C) 3 Non-Profit Organization

Amateur Radio Promote & Support



Examples



Promote the Amateur Radio hobby. Show YOUR amateur radio callsign on your Arizona Vehicle License Plate.

Support the Amateur Radio hobby. \$17 of the additional annual yearly \$25 cost for an Arizona Amateur Radio Vehicle License Plate goes to fund the following Arizona Amateur Radio activities:

College Scholarships, Youth Programs & Emergency Communications

For more Information go to: http://www.az-arrl.org/web/AzPlate.htm