



# Arizona Section Newsletter July 2019



## Arizona Section Manager, Rick Paquette W7RAP

Field Day: We had a great time, touring the Field Day sites in Southern Arizona this year. We covered the Cochise county sites, as well as the KUAZ remote site and three sites on Mt. Bigelow and Mt Lemmon. We ended up Saturday night at the Oro Valley club site. The number of participants was much larger this year as was the multiple events ongoing at each of the locations. Each club had a dedicated GOTA station and they all had numbers of new and about to be Hams, to experience the making of contacts using simulated emergency communications.

The Radio Society of Tucson group on Mt, Bigelow was the most-populated site with over 62 participants. They invited an entire Boy-Scout troop to participate and the Scouts prepared the meals and helped set-up and de-rig the stations. The Scouts became the core of the Get-On-The-Air (GOTA) participants, as well as nearby campers. At the Cochise Station, an extensive array of Emergency Communications Capabilities were being demonstrated, and a large number of participants enjoyed a variety of demonstrations and edible goodies as well. The Oro Valley stations had participation by members of the City Council and the specially-prepared cake was an extra treat.

Coconino County fees for camping raised Many of the Maricopa and Coconino clubs are alarmed by the notice that the fees for camping at improved campgrounds along the Mogillion Rim are being raised. This would significantly deter many potential Field Day sites for next year. Plans are already being made to relocate to Dispersed campsites (commonly called Boondocking), which really helps simulate the true Field Day experience. It shows that true Radio Amateurs cannot be deterred from their passion for off-site operations.

Deadline for Volunteer Monitor Program: ARRL Headquarters warned that the opening round of applications for the new Volunteer Monitoring program is about to close. Be sure to go to : to apply for consideration.. There will be additional openings for applicants, so do not worry if you miss this first call.

## Section Emergency Coordinator, Dennis Bietry KE7EJF

Field Day is behind us. It tested our operating skills and personal endurance. I hope it proved both fun and useful to all that participated. As you may have discovered, our heat takes a toll on all things radio; batteries, antennas, coax, connectors, power supplies, mobile installations, etc. Now is the time to take stock of their conditions. I know it's hot now, but start to take inventory and make urgently needed repairs now and plan for strategic cooler weather projects in cooler weather. You may be called upon to

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support some emergency or event at any time / Dennis Bietry – KE7EJF / ARES  
Section Emergency Coordinator / ke7ejf@arrl.net

**Youth and Scouting, Tom Fagan K7DF**

No Report

**Affiliated Club Coordinator, Mike Boger W7IJ**

**Technical Coordinator, Carl Foster KB7AZ**

Carl wants all to understand better the impact of the recent (2017) Federal Law regarding Registration and Lighting/Marking requirements for all towers exceeding 50 feet height. ARRL has been reporting on the impact of the law and the essence of the rulings is that If you reside outside of a municipal (i.e. Incorporated) area you are required to register your tower with the FAA, and also comply with federal lighting and marking regulations as well. The ARRL has met with Federal Officials and resolved that Amateur towers that otherwise comply with the general requirements for lower than 200 ft and outside the glide-path requirements of landing zones, are exempt. For details and information go to :

<http://www.arrl.org/news/view/faa-reauthorization-act-of-2018-overhauls-marking-requirements-for-short-rural-towers>

**New Hams and License Upgrades (June 2019)**

It was another Banner month for New and Upgrading Amateurs here in Arizona. 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 Teams !!!! You are doing GREAT !!!

**Please welcome the 66 new hams who recently earned their Amateur Radio license.**

Andrew W Rhoads, KJ7HKL	Phoenix,	Nicholas C France, KJ7HKE	Phoenix,
Matthew J Vronoski, KJ7HKA	Phoenix,	Patrick N McGraw, KJ7HKB	Phoenix,
Thomas R Partridge, KJ7HKF	Phoenix,	Nicholas S Miller, KJ7GZE	Phoenix,
Jessica M Murillo, KJ7HAB	Phoenix,	Raymond F Sikora, KJ7HDN	Phoenix,
Connor P Lee, KJ7HAA	Phoenix,		
Conrad A Brooks, KJ7HKH	Phoenix,	John M Pigott, KJ7HJP	Phoenix,
Karen A Pigott, KJ7HJR	Phoenix,	Raymond S Dietrich, KJ7GZG	Phoenix,
Russell W Bessette, AG7VH	Phoenix	Brian P Bakke, KJ7HKS	Phoenix
Michael T Stinson, KJ7HKX	Phoenix,	Timothy Soldinski, KJ7HKQ	Anthem,
Kenneth J Edwards, KJ7HKN	Apache Junction,	Johnny A Johnson, KJ7HJT	Casa Grande,
Lauren E Oas, KJ7HKW	Florence,	Tyler Clemens, KJ7HKV	Florence,
David P Young, KJ7HKC	Mesa,	James R Stock, KJ7HKU	Mesa,
Joseph M Zimmerman, KJ7HLK	Mesa,	Marc T Price, KJ7HDX	Chandler,
William C Peterson, KJ7HKJ	Chandler,	David T Ribbens, KJ7GZF	Chandler,
Richard C Eissingar, KJ7HJQ	Gilbert,	Mitchell P Weimer, KJ7HKP	Scottsdale,

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Charles L Vitellaro, KJ7HDO	Fountain Hills,	Jared M Wethington, KJ7HIJ	Gilbert,
Burton B Gardner, KJ7HJS	Gilbert,	Eric R Shinsky, KJ7HKD	Glendale,
Joshua Taggart, KJ7HKR	Glendale,	Mark G Bergman, KJ7HKO	Glendale,
Stephen Bennion, KJ7HNZ	Glendale,	Kurt J Arnold, KJ7HKT	Buckeye,
Joshua D Helmuth, KJ7HIF	Yuma,	Sergio A Penaherrera, KJ7HIG	Yuma,
Billy R Hughes, KJ7HKM	Surprise,	Derek L Wilkerson, KJ7HKI	Surprise,
Kenneth S Garcia, KJ7HKG	Surprise,	Scott R Vollmert, KJ7GZZ	Surprise,
Jeanne K Crane, KJ7HCP	Rio Rico,	Michael M Cuestas, KJ7HC	Tucson,
Michael A Constant, KJ7HCR	Tucson,	Ture Peken, KJ7HCO	Tucson,
Dennis K Luttrell, KJ7HFE	Tucson,	Robert L Tisdale, KJ7HCM	Tucson,
Konstantin Zubelevitskiy, KJ7HCN	Tucson,	Kennard S Wilcock, KJ7HD	Show Low,
Darryl R Johnson, KJ7HLL	Show Low,	Margaret C McMurray-Grant, KJ7GYL	Snowflake,
Kayley Willis, KJ7GYN	Snowflake,	Kent B Gibson, KJ7HDJ	Snowflake,
James F Boone, KJ7GYI	Snowflake,	David W Scott, KJ7GYM	Snowflake,
William R Turley, KJ7GYH	Snowflake,	Kim B Wilson, KJ7GYJ	Taylor,
William E Wilson, KJ7GYK	Taylor,	Debi Cox, KJ7GZH	Taylor,
Cristian N Delgado, KJ7HME	Winslow,	Yani Zheng, KJ7HDP	Prescott Valley,
Matthew D Olson, KJ7HDL	Prescott Valley,	Katheryn J Page, KJ7HDM	Prescott Valley,
Andrew G Lee, KJ7HJZ	Clarkdale,		

**Congratulations Also to the 37 hams who recently upgraded their license.**

Jacob C Enholm, KJ7EVJ Phoenix,	Barbra I Prestia, KJ7EZI Phoenix,
Jacques P Richer, N1ZZH Phoenix,	Robert W Hall, N0DGC Phoenix,
David K Ford, KJ7GMU Phoenix,	Chris L Gilbert, KA7TAZ Apache Junction,
Dennis J Wilson, KJ7DZC Apache Junction	Zachary A Starks, KD0KJO Mesa, AZ 85203-2657
Chad Jacobs, KI7KDA Mesa,	Larry R Kern, KI6RUF Mesa,
Matthew S Anderson, KG7EBK Mesa,	Donald R Snyder, KJ7GSI Mesa,
Jeffery L Nicholson, KJ7CWL Scottsdale,	Patrick M Knowles, KI7TUW Scottsdale,
Randal B Willis, KI7ZPP Scottsdale	Eric J Peters, KI7YOR Fountain Hills,
Frank T Aldrich, WB7OMZ Tempe,	Mark D Fellhauer, KC7BXS Glendale,
Dean A Quackenbush, KE7CIU Buckeye,	Stephen G Holliday, KJ7FTD Goodyear,
Ronald A Smith, KJ7EHF Salome,	Mark L Pritchett, NH7MV Tonopah,
Edward C Faulk, KJ7CSM Goodyear,	Patrick G Hayes, KJ7GIT Buckeye,
James D Bray, KJ7CEB Buckeye,	Donald D Harrison, KJ7GEB Globe,
Erik J Powell, KC7VQK Sonoita	Erik Bovre, KJ7FMS Tucson,
Antonio T Watkins, KA4TKQ Tucson,	Edward E Coleman, KC7MGT Tucson,
Jeremy J Strzalka, KI7YWJ Tucson	Mike D Lawrence, WB7UMA Tucson,
Donald L Osborne, KF7PSZ Tucson,	Robert Stadler, KI7EGQ Tucson
Priscilla Johnson, KI7WNY Colorado City,	Breanna Johnson, KI7VRT Colorado City,
Thomas M Pifer, KJ7BJZ. Cornville,	

**Upcoming Hamfests and Events**

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](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: DEVRY 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
- 3rd Monday 6:00PM - 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 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 8:00PM - 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 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:**

- 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 W7SLY@roadrunner.com or Robert Spencer KE8DM at ke8dm@arrl.org

### **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 [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 following six linked repeaters. Shaw Butte 147.24 (plus offset), Mount Ord 146.92 (minus offset), Scottsdale Airpark 146.76 (minus

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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](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](mailto: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.

Ham Swapfest October 5th 9:00-12:00 Rumsey Park Ramada #4 Tonto Amateur Radio Association of Payson is organizing a Swapfest and invites everyone to come and participate as a seller or buyer. 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](mailto:stretch8@q.com)

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**The Maricopa Amateur Radio  
Association**

**COPAFEST 2019**

**OCTOBER 26, 2019**

[www.copafest.org](http://www.copafest.org)



**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](mailto:bridges.slt@gmail.com)
- Overnight Full RV hook-up or dry camping  
North Ranch Escapees ([northranch@escapees.com](mailto:northranch@escapees.com))
- Free Ham Radio License Testing via LARC VE Testing  
Must pre-register via email to: [cecarter39@yahoo.com](mailto:cecarter39@yahoo.com)



- Plus... at North Ranch Activity Center:
- 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](http://harkaz.org)  
Questions? Please send email to Duane Grooms, KD0KYK, at [djgrooms@yahoo.com](mailto:djgrooms@yahoo.com)

# 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](mailto: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 ID**

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

Contact [hamfest@tucsonhamradio.org](mailto:hamfest@tucsonhamradio.org) for more information



[www.tucsonhamradio.org](http://www.tucsonhamradio.org)  
Pick 'Our Hamfest' from Menu

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

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#### 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 @ [https://www.superstitionsuperfest.org/sf\\_tickets.shtml](https://www.superstitionsuperfest.org/sf_tickets.shtml)  
\*\* 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 Dual 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 \*\*

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#### ACTIVITIES

- VE Testing - \$15.00 Fee, Registration 8:00 - 9:00, Testing Starts @ 9:00AM
  - o Participants Must Pre-Register for testing at the times listed
  - o Bring The Appropriate Information With You For Testing. Information May Be Found On The ARRL Web Site @ <http://www.arrl.org/what-to-bring-to-an-exam-session>
  - o For Additional Information or Questions Contact Fred Bollinger, AB7JF @ 480-242-8606
  - o VE Testing Sponsored By: MCC Amateur Radio Club will take place in Building **TC-50 - classroom 415**
  - o 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. - KDBPC
- The ARCA meeting will be held in building **TC-50** and classroom **415** from 12:00 to 1:00 pm

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#### 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@superstitionsuperfest.org](mailto:chairman@superstitionsuperfest.org) for more information on setting up.

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#### 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-arrrl.org/web/AzPlate.htm>