



IN-NEWSLETTER

Vol. 43, No. 21

May 25, 2018

Covers the period May 13 – 19, 2018

Upcoming In-Person Meetings and Events:

Arizona State Convention

June 1 @ Prescott, AZ

Georgia State Convention

June 2 @ Marietta, GA

HAM RADIO Friedrichshafen

June 1 – 3 @ Friedrichshafen, Germany

HAM-COM 2018 (West Gulf Division)

June 8 – 10 @ Plano, TX

SEA-PAC (Northwestern Division Convention)

June 1 – 3 @ Seaside, OR

Indiana Section Convention

July 13 @ Indianapolis, IN

The ARRL family extends its deepest condolences to the friends, family and colleagues of Debra Janke, K1DAJ, SK. We all share your sorrow and keep you in our thoughts. Deb will be truly missed and remembered for a very long time.

ARRL Audio News Podcast

Please click the link below for the latest edition of the ARRL Audio News podcast, dated May 17, 2018:

<https://www.blubrry.com/arrlaudionews/34050811/arrl-audio-news-may-17-2018?sbe=1>

HAMVENTION Audio News Extra Editions

Steve Ford and the Communications team were actively recording and sharing news and interviews throughout the 2018 Dayton HAMVENTION throughout the convention weekend. Please listen to fun and revealing daily summaries via Audio News Extra Editions here:

Audio News Extra Edition, Friday, May 18:

<https://www.blubrry.com/arrlaudionews/34084116/arrl-audio-news-extra-from-the-dayton-hamvention?sbe=1>

Audio News Extra Edition, Saturday, May 19:

<https://www.blubrry.com/arrlaudionews/34103321/arrl-audio-news-extra-from-the-dayton-hamvention?sbe=1>

Audio News Extra Edition, Sunday, May 20:

<https://www.blubrry.com/arrlaudionews/34139104/arrl-audio-news-extra-from-the-dayton-hamvention?sbe=1>

Chief Executive Office

Reported by Carla Pereira, KC1HSX

Barry Shelley attended Dayton Hamvention 2018, his first as CEO, where he made remarks at the annual Donor Dinner, recognizing generous donors to the ARRL.

News, info and highlights of the convention can be found throughout this newsletter.

Communications

Reported by David Isgur, N1RSN

Michelle Patnode set up an interview for Mike Corey on The Weather Channel. Mike will be interviewed by Jim Cantore about efforts to get younger amateur radio operators involved in the public service aspects of the hobby.

We got final approvals on the Public Service Announcements (both video and audio versions) that Eagles guitarist Joe Walsh did for ARRL and Amateur Radio, and we worked with Scott St. Onge of IT to get them posted on the ARRL's PSA web page. We are now in the process of publicizing the availability of the PSAs to PIOs and PICs, as well as to the membership as a whole.

Michelle and David Isgur were in Dayton/Xenia from Wednesday through Sunday for Hamvention 2018. We covered the ARRL Forums and events (such the signing of an MOU with Salvation Army and presentation of a proclamation from the Commonwealth of Puerto Rico), posted dozens of photos on the ARRL's Facebook and Instagram feeds, and met and talked with lots of ARRL members.

Media Mentions

Among the story links recently posted to the [Media Hits web site](#) are several stories about Hamvention 2018, including:

- the cover story in the Dayton City Paper, headlined "Shortwave Saviors: Hamvention Honors Hurricane Maria Heroes;"
- a story in the Xenia Daily Gazette about all the science and technology activities at Hamvention aimed at younger hams;
- a news story on WHIO-TV about how Hamvention boosts the Dayton-area economy.

Top Social Media Posts

Facebook: #ARRL will welcome members and friends to #Hamvention@, held in Xenia, Ohio, May 18-20, 2018. This big annual event has been sponsored by the Dayton #AmateurRadio Association since 1952. If you're planning to attend, don't miss ARRL EXPO in Building 2 (Tesla Building) for ARRL's showcase of exhibits, activities and program representatives, celebrating the very best of #HamRadio. ARRL has sanctioned Hamvention as this year's ARRL Great Lakes Division Convention <http://www.arrl.org/expo>



(This fun photo received the most likes on FB during Hamvention.)

Twitter: FT8 Activity Bumping Up at Some Expense to Other Modes <http://ow.ly/IBu430k56mm>

Instagram: With ARRL Field Day quickly approaching, it's time to start brainstorming setups. Check out David Treharne's, N8HKU, creative power source in his article, "Using Plug-in Hybrid Power for

Amateur Radio Operation,” featured in the June 2018 issue of QST. Digital edition is available now — look for the print edition in your mailbox soon.

Instagram Story:



The Story is also highlighted on the Instagram app (longer than the regular 24 hours) for viewing.

Development

Reported by Lauren Clarke, KB1YDD

Nearly 160 guests attended the Donor Reception prior to Hamvention on Thursday, May 17 at America's Packard Museum in Dayton, Ohio. Following a warm welcome by President Rick Roderick, K5UR, was the presentation of the International Humanitarian Award to Puerto Rico Section Manager Oscar Resto, KP4RF, and US Virgin Islands Section Manager Fred Kleber, K9VV. The keynote speakers were Valerie Hotzfeld, NV9L, and Andy Anderson, KP4AAN. Val and Andy were part of the Force of Fifty volunteers assisting with emergency communications in Puerto Rico following Hurricane Harvey. We also welcomed 37 new members (since last year's reception) into the Maxim Society. Mike Kalter, W8CI, Treasurer for the Dayton Amateur Radio Association, also presented Rick with a \$10,000 check on behalf of the club.

Lauren and Regina Galuppi manned the ARRL Development/Foundation Booth at Hamvention, with assistance from North Carolina Section Manager Karl Bowman, W4CHX (thank you, Karl!).

We are pleased to welcome L. Kirk Kridner, KV5Q, of the West Gulf Division as the 256th member of the Maxim Society.

Lab

Reported by Bob Allison, WB1GCM

Electrical and RF Standards Committee Meetings

Meetings, meetings, meetings! As part of his connection with the IEEE EMC Society, Ed Hare serves on the IEEE EMC Society (EMC-S) Board of Directors as the Vice President for Standards, placing him on the EMC-S Executive Committee. This year, the international EMC Symposium was held in conjunction with the Asia-Pacific EMC Symposium in Singapore. To support the AP EMC, the EMC-S held an Executive Committee meeting in Singapore. Ed attended the ExCom meeting, as well as a presentation meeting with the Chair of the EMC-S Standards Development and Education Committee (SDECom). Ed prepared a Power Point presentation outlining the IEEE standards process, the work of the SDECom and EMC-S Standards Coordinating Committee. He also briefly described the content of all of the IEEE EMC Standards and ongoing work on new standards. Later in the week, he attended meetings of various EMC-S Technical Committees (TCs), including the one on Smart-Grid EMC. On Thursday afternoon, Ed was the Chair of one of the paper sessions of TC-2 on EMC Measurement, introducing 6 presenters and their papers. Ed summarizes this work: "ARRL's involvement with industry committees serves Amateur Radio in a number of important ways. Industry is making decisions on a daily basis that could impact Amateur Radio, and having ARRL HQ staff serve on these committees, when decisions are made, we have a seat at

the table when Amateur spectrum is first subject to threats from man-made noise. We are also able to provide important information about Amateur Radio as industry standards are being created and we get to serve on the bodies that vote these standards into existence. The image of Amateur Radio in the rest of industry is also enhanced, going from a vision of a hobbyist experimenter tinkering with radio to having Amateur Radio seen as a valuable technical contributor to modern technology. This is all done effectively, so not only does Amateur Radio have a seat at these tables, the quality of our participation gives us seats in leadership at the heads of tables, showing industry and regulators the value of Amateur Radio."

Radio frequency Interference

Besides answering numerous emails and phone calls, Mike Gruber wrote new material and incorporated it into the 32nd draft of p1897, the recommended practice for the resolution of power line noise complaints. He then chaired the meeting to incorporate the new material into the existing document.

Mike tested some lighting products for conducted emissions. They were sent as samples to the Lab as part of an interference complaint in California. Mike noted that there was an FCC labeling violation and sent info to Laura Smith at the FCC as a complaint. The conducted emissions were at or near the FCC limit in several cases, at least within measurement tolerance. He then tried some chokes and filters to see if the noise could be reduced, then returned the products with his findings.

Mike continues to work with an author and engineer at Regal Beloit on an article that will address interference from ECM devices. These are variable speed pulsed dc motors that are proliferating into such things as HVAC equipment and washing machines.

Mike ordered a Radar Engineers Model 245 Circuit Sniffer to be used in an investigation in Lynn, MA. The Technical Coordinator will use it to locate the source of interference in a condo building.

QST Product Review Testing

Bob Allison completed testing of a high performance, HF/6M transceiver. The test data was promptly handed off to the manufacturer's engineering team for their review. They are also reviewing their own results of test data, using the latest firmware update. There is a good chance that some re-testing will be required before publication. Bob then started testing a 1 KW power amplifier. During testing, it was discovered that power from the Lab's AC line conditioner was not working. Thanks to our Building Manager, Greg Kwasowski, power was restored in a very timely manner.

ARRL Lab at Hamvention

Bob Allison attended Hamvention in Xenia, Ohio. Bob Assisted teachers, Matt Severin and Tommy Goeber in the "Lifelong Learning" booth. He also expressed the usefulness of his book in the "Meet the Author" booth. Importantly, Bob met with manufacturer reps to learn about new Amateur equipment that will be hitting the market and newly released Amateur equipment. These meetings were very positive, with thanks for our non-biased Product Reviews favorably.

Technical Information Service

Zack Lau continues to handle the bulk of the emails and phone call into the lab, from members who have technical questions, or questions about ARRL publications. Zack also continues to update the Lab's technical web pages.

ARRL Heritage Museum

Volunteer, Jonathan Allen, cataloged the vintage test equipment once owned by former lab staff member, Paul Godley and donated by his grandson, Bruce Littlefield. It is quite remarkable to receive this equipment, in good condition, that Godley used to help inventor Armstrong to set up the first FM radio

network in the United States. Godley was the staff member, sent to Scotland (by the ARRL), who received the very first shortwave messages sent across the Atlantic Ocean.

W1AW

Thank you to Steve Ewald and Dan Wall, W1ZFG, for covering the morning shifts on Thursday and Friday. One could tell it was Hamvention week, given the influx of visitors to W1AW prior to their trips out to Ohio.

Joe worked the early afternoon/night shifts on Thursday and Friday for the vacationing Scott Gee. Joe also worked on a 50 volt/50+ amp power supply that will eventually be used for a 6-meter broadcast amplifier. Joe traced down, and put into place, a fix to the audio chain used for the station transmissions.

Scott processed sixteen electronic VUCC applications for a total of 1083 credits.

Field Services

Reported by Steve Ewald, WV1X

ARES HQ Monthly Report

1. Month: April		2. Year: 2018	
3. Number of Sections Reporting 48 out of 71			
4. Names of Sections reporting AR, AZ, CT, DE, EMA, ENY, EPA, EWA, IA, ID, IL, IN, KY, LA, LAX, MDC, ME, MI, MN, MO, MS, ND, NFL, NLI, NNJ, NNY, NM, NV, OH, OR, PAC, PR, RI, SD, SJV, SNJ, STX, SV, TN, VA, VI, WI, WNY, WPA, WTX, WV, WWA, WY			
5. Total number of ARES Members Reporting this Month (TAM): 21,845			
6. Number of active ARES Nets: 2,979			
7. Number of Nets with NTS liaison: 782			
8a. Training & Exercises	3,092	8b. Person Hours	41,867
9a. Public Service Events	440	9b. Person Hours	16,832
10a. Emergency Activations	75	10b. Person Hours	1,866
11a. SKYWARN operations	173	11b. Person Hours	1,499
12a. Total Events	3,780	12b. Total Person Hours (TPH)	62,064
12. Total Volunteer Value (TVV) = (TPH x \$24.14/hr.) $\frac{\$1,498,224.90}{21,845}$ (The value of all reporting volunteers for the month)			
13. Total Volunteer Average (TVA) = (TVV/TAM) $\frac{\$68.58}{21,845}$ (Average value of a single volunteer for the month)			
14. Significant National Events: 0			
15. Activation of HQ ERT: 0			
16. W1AW emergency activation: 0			
17. Ham Aid Deployments: 0			
18. Media hits: 9			
19. National Partner meetings: 0			
20. Field Services Staff Training Hours: 4			
Comments:			

Signature: Ken Bailey Title: Em. Prep. Assistant Call sign: K1FUG

Radiosport

Reported by Norm Fusaro, W3IZ

Paper/Fieldcheck Processing Time	5 – 6 weeks
Logbook Processing Time	2 – 3 business days
2018 DXCC Applications	5,809
2018 WAS Applications	1,199
2018 VUCC Applications	256
2018 WPX Applications	402
2018 WAZ Applications	394

Sales and Marketing

Reported by Bob Inderbitzen, NQ1R

Hamvention was held May 18-20 in Xenia, Ohio. ARRL's big team included nearly 100 people – volunteers, officials, and 18 members of the HQ staff. All of the membership applications collected at ARRL EXPO have been processed by our staff into the membership recordkeeping system. We returned with 878 membership applications (1,059 in 2017; 1,019 in 2016). Our sales of publications and products at Hamvention were approximately \$35,807 (\$42k in 2017; \$50.8k in 2016). Bob Inderbitzen believes attendance was down considerably on Saturday – influenced by a long-range weather forecast predicting rain (and it rained), causing drive-ins to pass on the event this year. Bob sent a post-event survey to the big team, to collect feedback to help us improve our participation at future events. Steve Ford produced a daily news roundup from Hamvention, posted to the ARRL news crawl: <http://www.arrl.org/news>. A handful of our staff also contributed photos, posted to an album on ARRL's [Facebook page](#).

Sabrina Jackson, Bob Inderbitzen, and Norm Fusaro will travel to Germany to support ARRL's exhibit at the International Exhibition of Radio Amateurs, "HAM RADIO," June 1-3 in Friedrichshafen. The event is the largest annually-held ham radio convention in Europe, and among the largest in the world. Norm and Sabrina will help represent ARRL Radiosport programs including DXCC. Bob will help promote membership and our other programs, services, and publications. Rick Roderick and Jay Bellows are also attending.

With support from member volunteers, ARRL will put Amateur Radio on display for visitors to EAA AirVenture Oshkosh 2018 — the giant, annual airshow July 23-29 in Wisconsin, organized by the Experimental Aircraft Association (EAA). The event attracted more than 10,000 aircraft and nearly 600,000 visitors in 2017 to enjoy aerobatics displays, informative programs, hands-on workshops, and diverse aircraft spanning all eras of flight. An [ARRL news](#) piece has been published about the event, with contributions from David Isgur and Director Kermit Carlson. We have also posted a short survey that invites pilots who are radio amateurs to share their ideas for exhibiting at EAA AirVenture 2018. Over 50 responses have been received, including participation from 30+ pilots -- and nearly all are members of ARRL.

Materials were assembled for ARRL's exhibit at the upcoming Northwestern Division Convention, SEA-PAC, in Seaside, Oregon, June 1-3.

Hamfest/Member Contact/ARRL Representative/Meetings/Vacations

Leona Adams	06/01	PTO
Bob Allison	06/21 – 06/25	PTO

“	08/20 – 08/31	PTO
Steve Capodicasa	09/17 – 09/21	PTO
Joe Garcia	05/25	PTO
“	06/08	PTO
“	07/02 – 07/06	PTO
“	07/13	PTO
“	07/20	PTO
“	07/27	PTO
“	08/03 – 08/10	PTO
“	08/16 – 08/17	PTO
“	08/24	PTO
“	08/31	PTO
“	10/05	PTO
“	10/08	PTO
“	11/30	PTO
“	12/07	PTO
Mike Corey	07/13 – 07/14	Indiana Section Convention, Indianapolis, IN
Steve Ewald	05/31 – 06/05	SEA-PAC, Seaside, OR
Jon Faasen	06/11 – 06/15	PTO
Jackie Ferreira	06/16 – 06/20	PTO
Steve Ford	06/08 – 06/10	HAM-COM 2018, Plano, TX
“	06/25 – 06/27	Association Media & Publishing Conference, Washington D.C.
Norm Fusaro	05/29 – 06/04	HAM RADIO, Friedrichshafen, Germany
“	06/05 – 06/06	PTO
Scott Gee	08/16 – 08/17	PTO
“	09/10 – 09/14	PTO
Dan Henderson	05/25 – 06/01	PTO
“	06/22 – 07/05	PTO
“	08/08 – 08/10	PTO
Bob Inderbitzen	05/29 – 06/04	HAM RADIO, Friedrichshafen, Germany
“	08/13 – 08/20	PTO
Sabrina Jackson	05/29 – 06/04	HAM RADIO, Friedrichshafen, Germany
Michelle Patnode	05/29 – 05/31	PTO
“	06/01	PTO
“	06/29	PTO
“	07/02	PTO
“	07/03	PTO
“	07/23 – 07/27	PTO
“	08/02	Half day (8a – 12p)
“	08/31	Half day (8a – 12p)
Carla Pereira	05/25	PTO
“	06/15	PTO
Diane Petrilli	06/04 – 06/08	
“	06/20 – 07/02	PTO
“	08/03 – 08/20	PTO
Barry Shelley	05/22 – 06/01	PTO
Yvette Vinci	05/31 – 06/04	SEA-PAC, Seaside, OR

*Compiled and Edited by:
Carla Pereira, Assistant to CEO*