



IN-Newsletter

Vol. 42, No. 17

May 5, 2017

Covers the period April 22 – April 28, 2017

Upcoming In-Person Meetings and Events:

National VOAD Conference

May 15 – 18 @ Houston, TX

SEA-PAC 2017

June 2 – 4 @ Seaside, OR

Hamvention 2017

May 19 – 21 @ Xenia, OH

HAM RADIO 2017

July 14 – 16 @ Friedrichshafen, Germany

Rocky Mountain Division Convention

May 26 – 27 @ Cody, WY

ARRL 2nd Board Meeting

July 21 – 22 @ Farmington, CT

ARRL Audio News

Below is a link to last week's edition of the ARRL Audio News podcast, dated April 28, 2017:

<https://www.blubrry.com/arrlaudionews/23179759/arrl-audio-news-april-28-2017?sbe=1>

Chief Executive Office

Reported by Tom Gallagher, NY2RF

At Tom Gallagher's request, Diane Szlachetka and Sue Fagan worked on creating new Power Point Master Slides for the ARRL, which they presented to Tom, Bob Inderbitzen and Jackie Ferreira. The goal is to create a coherent look for the ARRL with an updated design. Tom has already used one of the new designs for his presentation at the Harvard Amateur Radio Symposium last weekend.

Tom was a key presenter at the Harvard Amateur Radio Symposium, hosted by the Harvard Wireless Club, W1AF (HWC), at the invitation of club President Douglas Maggs, H'17. The symposium was an opportunity for radio enthusiasts and experts at Harvard, other universities, and beyond to hear speakers present on topics related to amateur radio, both historical and technical in nature. The HWC has decided to hold this symposium as a means of celebrating interest in amateur radio, as well as to encourage and promote the continuation of the use of amateur radio in colleges in the future.

Monthly manager reviews were conducted by Tom and Barry last week.

Development

Reported by Lauren Clarke, KB1YDD

The Legislative Issues Advocacy Fund solicitation has brought in \$29,677 to date. The Spring Spectrum Defense solicitation is scheduled to drop the week of May 22.

Preparations are moving forward for Hamvention, including the ARRL Donor Recognition Reception scheduled for May 18, 2017 in Dayton, Ohio at America's Packard Museum.

The Development Office is wrapping up the donor listings which will appear in the 2016 Annual Report and July *QST*.

The ARRL Foundation Scholarship Committee is currently reviewing applications and will propose scholarship award recipients to the full board by mid-May.

Field Services

Reported by Dave Patton, NN1N

Scott Gee worked on fast and slow code practice texts for the upcoming week. He also processed 3 electronic VUCC and 9 paper VUCC applications, and processed 438 VUCC credits between the two.

WIAW

Joe Garcia created the texts for the May W1AW Qualifying Runs. He updated the web code practice files and their archives, as well as the weekly CW practice QST source web page. Joe built a simple 6-meter dipole – made from aluminum tubing – for possible use with the “100 Second” video series. He also built the “Mark III” version of the 2m/70cm yagi satellite antenna for possible use in the video series.

Laboratory

Bob Allison, WB1GCM Reporting

IEEE

The IEEE EMC Society Chapters in Chicago and Detroit had both invited Ed Hare to speak at their local chapter meetings, with travel funded by the chapters. Ed was speaking with two hats on, one representing the ARRL and its Laboratory and the other as the IEEE EMC Society Vice President of Standards, a position Ed has held since January 1.

On May 19, Ed spoke for the Chicago chapter. Local radio clubs were invited, so there were about 200 people in attendance at the FermiLab campus in Batavia, IL, including Kermit Carlson, W9XA, ARRL Central Division Director. Ed gave a 60-minute presentation on the impacts of the rising noise floor on radio communication. The question and answer session afterwards was lively and everyone was a bit more aware of the nature of a growing noise problem and what is being done to help make things better.

Also presenting was Greg Lapin, N9GL, the Chair of ARRL's RF Safety Committee and ARRL's representative on the FCC Technological Advisory Council. Greg discussed the work that the FCC TAC has been doing to study man-made noise, although he did conclude by noting that the FCC has changed the priorities of the TAC, no longer asking that it try to complete any radio-noise studies. Ed inquired if the TAC could continue to look at noise anyway, and Greg indicated there was no directive *not* to do so, so Ed and Greg plan to review this prior to the next FCC TAC meeting.

Ed then drove to the Detroit area on April 20 to give the Detroit EMC Society Chapter info on the inner workings of the ARRL Laboratory. There were about 70 people in attendance, including a number of automotive EMC engineers. It was helpful for both groups to see the ways that ARRL is working cooperatively but effectively with industry to prevent EMC problems before they occur.

Member Contact

With no rest for the weary, Ed flew the next day from Detroit to Seattle to present at the Seattle Communications Academy, an ARRL Operating Specialty Convention. Its theme this year was “Public Safety/Public Service.” Ed was the Sunday keynote speaker, giving a presentation on the impact of radio noise. He also held a breakout session in the afternoon on resolving RFI. Both presentations helped raise the level of awareness hams have about the impact of noise and what ARRL is doing to help resolve that.

Ed reports, however, that the real value for him in attending this event was to see the various presentations on public-service communications. The Saturday morning keynote speaker was Bruce Richter, the Department of Homeland Security Office of Emergency Communications coordinator for four northwestern states. Ed was able to spend some time talking to him and learning more about what potential partners may need from Amateur Radio. Richter was very positive about Amateur Radio and his being at the event added a lot to his view of our service.

Ed also attended sessions, or met the presenters, on topics such as Winlink, Firstnet and a very interesting presentation on the deployment of ad-hoc digital networks that was part of the Cascadia Rising exercise. It is encouraging to see that Amateur Radio is doing some work in the areas of providing high-speed digital communications capability. This work, being done across the country, is not well coordinated nationally, however – an opportunity for ARRL to step to the plate and help stitch these various efforts together. Ed has added several people he met on this trip to the group that is advising the ARRL Lab on digital matters and will take this up with HQ management and others to determine the best ways forward to bring Amateur Radio public-safety communications into the 21st century.

QST Product Review

Bob Allison, completed testing an AM only transmitter and its associated audio chain for a QST Product Review. Due to its complicated nature, Bob personally delivered the review equipment to the reviewer, who lives in south-west CT. Bob then started testing of a five band, HF, QRP transceiver.

RFI

Mike Gruber, responded to numerous TIS telephone calls and emails. Mike continued to review four cases involving SolarEdge equipment for residential PV systems. These cases are being referred to the FCC. Most of the interference reports that we have received so far have involved SolarEdge equipment, and in particular, the Optimizers. In lieu of Bob Allison being away on a short vacation, Mike reviewed ads for QST.

Technical Information Service

Zack Lau spent considerable time on the phone answering member’s questions. Zack also answered a few questions, in depth, Bob Allison had about antenna design. Thanks Zack! On a personal note, Zack just confirmed his 200th country on 80 meters.

Laboratory Volunteers

The ARRL Laboratory has a new volunteer. Please welcome Ray Thornton, W1YFF. Ray has been with us for about a month. His specialty is repairing and evaluating older Amateur Radio equipment. Working with Lab volunteer, Pete Turbide, W1PT, Ray has proven to be very handy. The work performed allows for a smoother flow of donated equipment to be evaluated, repaired, cleaned and then sold. Lab Volunteer Lori Kosior, N1SMK, takes care of all donation letters that are sent out, often the same day the equipment

is received. Volunteers from the Vintage Radio and Communications Museum of Connecticut have been working on the Gates BC-1T transmitter in the Lab. Tubes have been ordered and should be here shortly and the high voltage section wiring is nearly complete. Come see this work in progress!

Production/Editorial

Reported by Becky Schoenfeld, W1BXY

The June issue of *QST* is at the printer. Files are being prepared for the release of the June digital edition. We are currently at work on the July issue of *QST*, and the June/July issues of *QEX* and *NCJ*.

Work continues on the 2018 edition of the *Handbook*.

Work continues on the 2016 Annual Report. Management has seen the preliminary design, and is very happy with its form and function. Several members of the Production Department, including Caroline Kenney, Jen Glifort, and Alli McLellan, are hard at work writing content for the report, on top of their regular duties.

Radiosport

Reported by Norm Fusaro, W3IZ

Paper/Fieldcheck Processing Time	2 – 3 Weeks
Logbook Processing Time	1 – 2 Business Days
2017 DXCC Applications	4,221
2017 WAS Applications	495
2017 VUCC Applications	157
2017 WPX Applications	218

Sales and Marketing

Reported by Bob Inderbitzen, NQ1R

April product sales were \$257,334. While short of the sales forecast of \$266,641, net sales exceeded plan by over \$16K due to sales of new publications and products. Direct sales were \$179,287; dealer sales were \$78,046. Year to date sales are \$946,180, and YTD net sales have exceeded plan by \$40K. Royalties earned on sales of our Kindle e-books were \$9,322 (\$31,909 year-to-date).

Our new book, *Grounding and Bonding for the Radio Amateur*, contributed \$40,553 in April – a great first month. Of the 2,032 units sold, 79% of these were direct-to-member. Additionally, there were 475 copies sold as Kindle e-books through Amazon.

Now shipping: [*More Arduino Projects for Ham Radio*](#) by Glen Popiel, KW5GP. This is the third book written by Glen for ARRL.

Summary of Sales and Marketing Department telephone group, reported by Yvette Vinci:

Week Ending	Calls Answered	Calls Per Hour	Total Talking Duration	Average Speed of Answer
4/28/2017				
4/21/2017	887	19.7	35:23:19	12 seconds
4/13/2017 (4 days)	661	18.3	25:17:33	11 seconds
4/7/2017	806	17.9	28:56:03	9 seconds

Summary of warehouse fulfillment activity, reported by Steve Capodicasa:

Week Ending	Packages fulfilled	Member Premiums
4/28/2017	1,727	306
4/21/2017	1,742	490
4/13/2017 (4 days)	1,094	612
4/7/2017	1,377	610

Hamfest/Member Contact/ARRL Representative/Meetings/Vacations

Leona Adams	05/26	PTO
“	06/26 – 06/30	PTO
Bob Allison	05/18 – 05/24	Dayton Hamvention, Xenia, OH
“	06/15 – 06/19	PTO
Margie Bourgoin	05/17 – 05/21	Dayton Hamvention, Xenia, OH
Steve Capodicasa	06/04	PTO
Joe Carcia	05/26	PTO
“	06/09	PTO
“	06/16	PTO
“	07/05 – 07/07	PTO
“	07/14	PTO
“	07/21	PTO
“	07/28	PTO
“	08/04	PTO
“	08/07 – 08/11	PTO
“	08/25	PTO
“	10/09	PTO
Lauren Clarke	05/17 – 05/21	Dayton Hamvention, Xenia, OH
Michael Corey	05/15 – 05/18	National VOAD Conference, Houston, TX
“	05/18 – 05/21	Dayton Hamvention, Xenia, OH
Jon Faasen	05/17 – 05/21	Dayton Hamvention, Xenia, OH
Steve Ford	05/19	PTO
Norm Fusaro	05/08 – 05/10	EPA convention and Frankford Radio Club, Philadelphia, PA
“	05/18 – 05/21	Dayton Hamvention, Xenia, OH
Tom Gallagher	05/05	PTO
“	05/18 – 05/21	Dayton Hamvention, Xenia, OH
“	06/01 – 06-04	SEA-PAC, Seaside, OR
“	06/26	PCC.II Meeting, Orlando, FL

Regina Galuppi	05/17 – 05/21	Dayton Hamvention, Xenia, OH
Scott Gee	05/18 – 05/19	PTO
“	05/30 – 06/02	PTO
“	06/29 – 06/30	PTO
“	09/15 – 09/18	PTO
Jen Glifort	05/19	PTO
Perry Green	TBD	Medical Leave
Mike Gruber	05/18 – 05/24	Dayton Hamvention, Xenia, OH
Ed Hare	05/08 – 05/13	ANSI asc C63 EMC Committee, Frederick, MD
“	05/17 – 05/22	QRP ARCI Four Days in May, Xenia, OH
Bob Inderbitzen	05/17 – 05/22	Dayton Hamvention, Xenia, OH
“	06/01 – 06/04	SEA-PAC, Seaside, OR
“	06/30 – 07/05	PTO
“	07/11 – 07/17	HAM RADIO, Friedrichshafen, Germany
“	07/18	PTO
“	08/21 – 08/25	PTO
Sabrina Jackson	05/18 – 05/21	Dayton Hamvention, Xenia, OH
Caroline Kenney	05/19 – 05/22	Maker Faire Bay Area, San Mateo, CA
Sean Kutzko	05/17 – 05/21	Dayton Hamvention, Xenia, OH
“	05/25 – 05/30	Rocky Mountain Division Convention, Cody, WY
“	06/29 – 06/30	PTO
Kimberly McNeill	05/17 – 05/21	Dayton Hamvention, Xenia, OH
Jodi Morin	05/22 – 05/23	PTO
Dave Patton	05/17 – 05/21	Dayton Hamvention, Xenia, OH
Michael Scharr	05/17 – 05/21	Dayton Hamvention, Xenia, OH
Becky Schoenfeld	05/08 – 05/09	PTO
“	05/18 – 05/21	Dayton Hamvention, Xenia, OH
Yvette Vinci	05/17 – 05/21	Dayton Hamvention, Xenia, OH

*Compiled and Edited by:
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