



# 2016 ARRL National Convention

Orlando HamCation®

## ARRL Exhibit & Activities Guide February 12-14, 2016

### Welcome!

ARRL, the national association for Amateur Radio®, welcomes all members and friends to the 70th anniversary show of Orlando HamCation®. Use this handy guide to find ARRL-sponsored activities, exhibits and program representatives. ARRL's exhibit area is located in the Commercial I and II building.

Rick Roderick, K5UR – ARRL President

Doug Rehman, K4AC – ARRL Southeastern Division Director


Michael Lee, AA6ML – ARRL Southeastern Division Vice Director

Steve Szabo, WB4OMM – ARRL Northern Florida Section Manager

### ARRL Store

Visit the ARRL bookstore to purchase popular ARRL publications, join, renew or extend your ARRL membership, and pick up official ARRL merchandise.

- FREE Gift when you join, renew, or extend your ARRL membership at the show.
- BONUS Commemorative Reissue of the December 1915 issue of QST when you join, renew, or extend your membership at the show. **Free for ARRL Life Members.**
- FREE 2016 ARRL National Convention Button!

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|  | <b>2016 ARRL National Parks on the Air –</b><br>Gear up for ARRL's yearlong operating event, National Parks on the Air. Official shirts, pins, hats, patches, stickers, mugs, posters, and banners are available. |
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### ARRL Exhibits...

- **ARRL Laboratory: Get Your Handheld Radio Tested!**
- **ARRL Development and ARRL Foundation**
- **ARRL Public Service**
- **The Amateur Radio Parity Act** – Show your support for the Amateur Radio Parity Act, which seeks reasonable accommodation of Amateur Radio communications in places regulated by homeowner's associations and other private land use regulations. We'll help you generate letters to the Senate and House.
- **ARRL Radiosport and DXCC** – DXCC Card Checking; ARRL Contests and Awards; QSL Bureau; The ARRL Logbook of the World (LoTW); 2016 National Parks on the Air.
- **ARRL Southeastern Division** - Visit this gathering area for ARRL Field Organization networking, hosted by the ARRL Southeastern Division and Sections: Northern Florida, Southern Florida, West Central Florida, Alabama, Georgia, Puerto Rico, and US Virgin Islands.
- **ARRL Education & Technology Program**

### ARRL Member Forum

**Saturday 1:45 PM - 2:45 PM, Lakeside Pavilion, HIPPS 1**

Over 170,000 ARRL members comprise the largest national Amateur Radio association in the world. ARRL publishes the popular monthly journal QST, coordinates an extensive all-volunteer field organization, and serves members as Amateur Radio's representative voice in regulatory and legislative matters. Hear from local and national ARRL officials on key areas of membership interest. Find out how ARRL supports dozens of ways to get involved and get on the air. Members and prospective members are all welcome! Moderated by Doug Rehman, K4AC, Southeastern Division Director.

### ARRL National Convention Banquet

**Saturday 6:30 PM - 9:00 PM – Highland Manor in Apopka, Florida**

Banquet tickets were presold online; a limited number of tickets may be available from the ARRL Store. Chief Executive Officer Dave Sumner, K1ZZ, will give the keynote address. The evening will include some special presentations—including a recognition for HamCation's 70th anniversary, and introduction of newly elected ARRL President Rick Roderick, K5UR.



### **Keynote Speaker:**

#### **David Sumner, K1ZZ – ARRL Chief Executive Officer**

ARRL Chief Executive Officer David Sumner, K1ZZ, will deliver the keynote address at the 2016 ARRL National Convention banquet. Sumner joined the ARRL Headquarters staff in 1968 for the summer and became a part of the permanent staff in 1972. He was named Secretary and General Manager of ARRL in 1982, with a change in title to Executive Vice President in 1985, and named CEO in 2001. He has traveled to more than 60 countries in connection with his ARRL and International Amateur Radio Union (IARU) responsibilities which include 17 years as IARU Secretary. First licensed as KN1ZND in 1962 at age 13, Sumner has been active in most phases of Amateur Radio operating. He is an avid CW contester and has served on the judging committees of World Radiosport Team Championships in Slovenia (2000), Finland (2002), Brazil (2006), Russia (2010), and New England (2014). Sumner is the trustee of the Hiram Percy Maxim Memorial Station W1AW and of IARU club station NU1AW.

**You can meet and greet Dave in the ARRL exhibit area throughout the convention.**

### **ARRL Youth Fox Hunt** (see forum schedule)

Young radio amateurs (school-aged and college students) are invited to come explore the basics of radio direction finding as we hunt for hidden radio transmitters...a "Fox Hunt!" We will use directional antennas to hunt down secret transmitters. Organized by Larry Kendall, K6NDL, Instructor, ARRL Teachers Institute on Wireless Technology.

### **ARRL Wouff Hong Ceremony**

#### **Friday 11:00 PM – Drury Inn & Suites Orlando**

Participate in this lively ARRL tradition. The ceremony is steeped in mystery! Attendees receive a special keepsake. A fun activity for all ages. Friday, 11:00 PM (no admittance afterwards) at the Drury Inn & Suites Orlando, 7301 Sand Lake Road, Orlando. Free pre-registrations were taken online; a limited number of remaining tickets may be available from the ARRL Southeastern Division booth during the convention. Sponsored by the ARRL Southeastern Division.

### **ARRL-sponsored Forums** (see forum schedule)

#### **The "Sounds" of Amateur Radio**

Presenter: Dan Henderson, N1ND, ARRL Regulatory Information Manager

With the advances in technology you never quite know what you might encounter when you tune across the bands. Is that a new modulation technique being heard? Perhaps it is new, non-amateur technology that is a form of noise pollution on the Amateur Radio bands? This presentation will include sound bites of many sounds you will hear on the air and give you a chance to determine what is the source of "that funny noise".

#### **National Parks on the Air: Portable Operating during the NPS Centennial**

Presenters: Sean Kutzko, KX9X, ARRL Media and Public Relations Manager, and Norm Fusaro, W3IZ, ARRL Assistant Field Services and Radiosport Manager

2016 is the 100th Anniversary of the National Park Service. To help celebrate, ARRL created National Parks on the Air, a year-long on-air event to encourage activity from all 409 National Park Service administrative units across the country. Come learn how to take part in this program and see some of America's finest natural and historic landmarks.

#### **ARES: Thinking Outside the Box**

Presenter: Mike Corey, K11U, ARRL Emergency Preparedness Manager

As Amateur Radio and ARRL move into a second century, it is clear that ARES® (Amateur Radio Emergency Service®) must adapt to meet current and future needs of our communities, served agencies, and partners. Building off of lessons learned we can approach a 21st century ARES program by looking at what we can do internationally, nationally, locally and as individuals to make sure Amateur Radio and ARES continues to be relevant and meets the needs of those we serve.

#### **QST Product Review: What Do All Those Numbers Mean?**

Presenter: Bob Allison, WB1GCM, Senior Test Engineer and Assistant ARRL Laboratory Manager

The most frequently asked question the ARRL Lab is asked is, "What radio should I buy?" Bob Allison, WB1GCM, ARRL Senior Test Engineer is not permitted to answer that question, but he can certainly point you in the right direction. He will explain the key transmitting and receiving tests that are performed at the Lab and what all those numbers mean that are shown in QST Product Review articles. Terms such as Two-tone Third Order Intermodulation Distortion Dynamic Range, Blocking Gain Compression Dynamic Range and Reciprocal Mixing Dynamic Range can be intimidating or confusing. Bob will explain these in simple terms, as well as some of the transmitting tests. Why is low Phase Noise Important? Bob will explain, and in an entertaining way.

#### **ARRL Northern Florida Section Forum**

Moderator: Steve Szabo, WB4OMM, ARRL Northern Florida Section Manager

#### **ARRL VEC Amateur Radio License Examinations** (see program organizers for location)

Saturday 9:00 AM and 1:00 PM. Pre-registration is required.

### **THANK YOU!**

ARRL expresses its gratitude to the 2016 Orlando HamCation® Committee, Orlando Amateur Radio Club, and all of the volunteers and additional radio clubs who contributed to the success of the 2016 ARRL National Convention.



**ARRL** The national association for  
**AMATEUR RADIO®**

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

# COMMERCIAL ONE

