

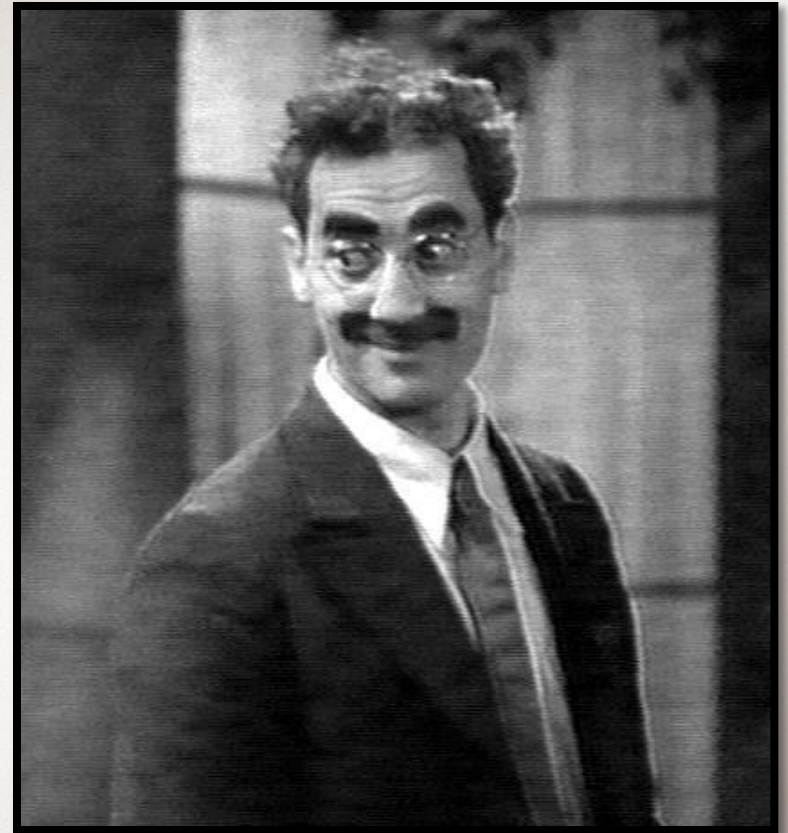
**ARRL**  
**100**  
YEARS

# ARRL

Headquarters Tour  
Especially for:

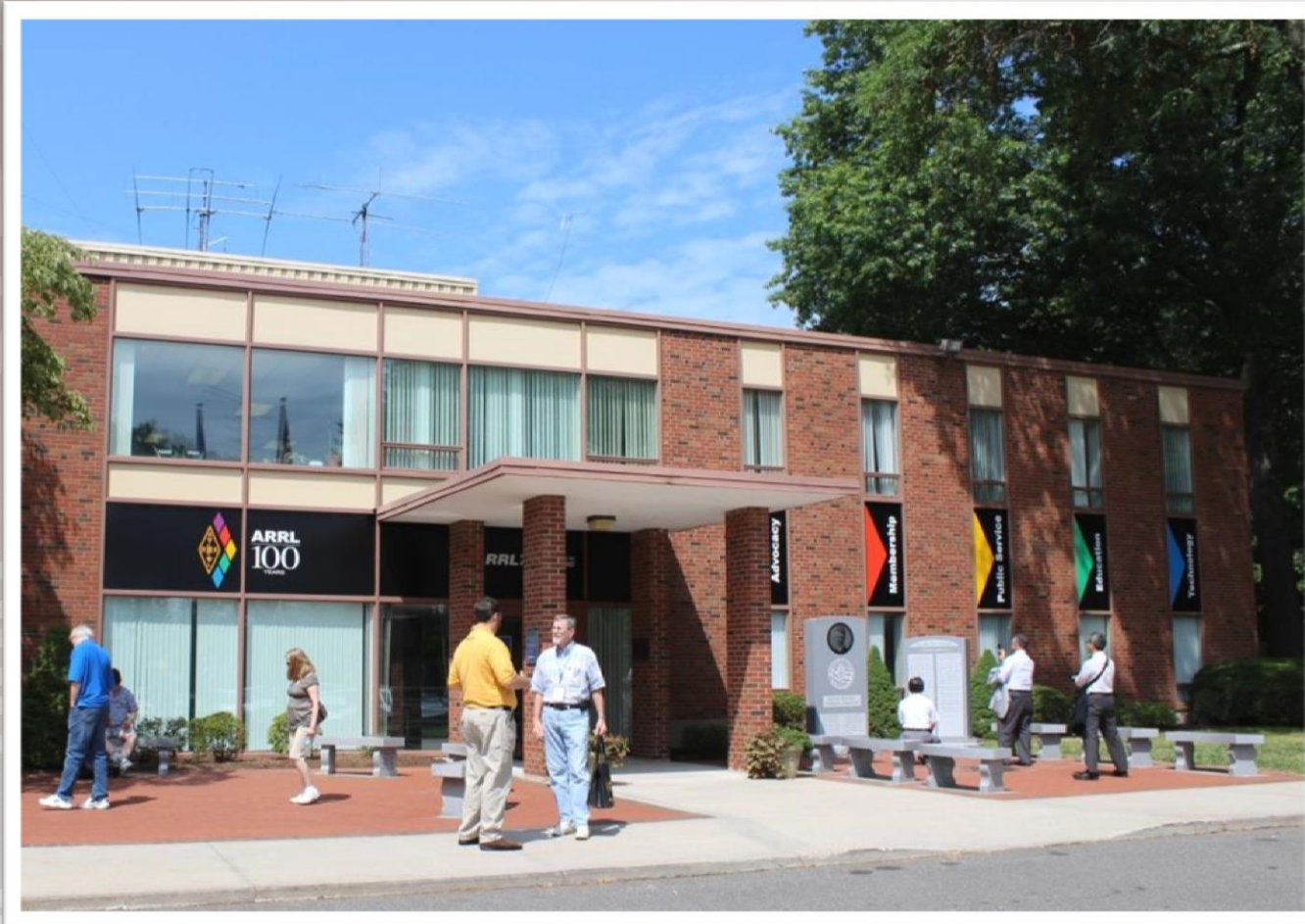


“I thought my razor  
was dull until I  
heard this speech.”



Groucho Marx

# ARRL Headquarters



**225 Main Street  
Newington, Connecticut**



# ARRL Headquarters

## ARRL — Advancing the Art and Science of Radio — Since 1914

**1830-1900**



- 1831** — Michael Faraday demonstrates that electricity and magnetism are related.
- 1838** — Samuel Morse develops the code that will bear his name.
- 1866** — Mahlon Loomis transmits a signal 18 miles between two kite airplanes in an early example of wireless telegraphy.
- 1884** — The Telegraph uses the term "hertz" to refer to operators who send code poorly.
- 1886** — German physicist Heinrich Hertz proves James Clerk Maxwell's electromagnetic theory of light.
- 1898** — Nikola Tesla and others are experimenting.
- 1898** — Miller publishes an article on how to build your own spark-gap transmitter.
- 1899** — Guglielmo Marconi sends a radio signal across the English Channel.

**1865** — Scottish physicist James Clerk Maxwell theorizes that light is an electromagnetic wave.



**1900-1910**



- 1900** — Guglielmo Marconi sends the first wireless message.
- 1901** — Marconi sends a radio signal across the Atlantic.
- 1902** — Lee de Forest invents the Audion tube.
- 1906** — Reginald Fessenden transmits the first voice message.
- 1907** — Reginald Fessenden sends a radio signal across the Atlantic.
- 1908** — Lee de Forest invents the Audion tube.
- 1909** — Guglielmo Marconi sends a radio signal across the Atlantic.
- 1910** — The first wireless message is sent from the United States to Europe.
- 1911** — The first wireless message is sent from the United States to Europe.

**1914** — English electrical engineer and physicist Oliver Lodge invents the first wireless message that he receives later for Marconi.



**1910-1920**



- 1910** — The first wireless message is sent from the United States to Europe.
- 1911** — The first wireless message is sent from the United States to Europe.
- 1912** — The first wireless message is sent from the United States to Europe.
- 1913** — The first wireless message is sent from the United States to Europe.
- 1914** — The first wireless message is sent from the United States to Europe.
- 1915** — The first wireless message is sent from the United States to Europe.
- 1916** — The first wireless message is sent from the United States to Europe.
- 1917** — The first wireless message is sent from the United States to Europe.
- 1918** — The first wireless message is sent from the United States to Europe.
- 1919** — The first wireless message is sent from the United States to Europe.
- 1920** — The first wireless message is sent from the United States to Europe.



**1920-1930**



- 1920** — The first wireless message is sent from the United States to Europe.
- 1921** — The first wireless message is sent from the United States to Europe.
- 1922** — The first wireless message is sent from the United States to Europe.
- 1923** — The first wireless message is sent from the United States to Europe.
- 1924** — The first wireless message is sent from the United States to Europe.
- 1925** — The first wireless message is sent from the United States to Europe.
- 1926** — The first wireless message is sent from the United States to Europe.
- 1927** — The first wireless message is sent from the United States to Europe.
- 1928** — The first wireless message is sent from the United States to Europe.
- 1929** — The first wireless message is sent from the United States to Europe.
- 1930** — The first wireless message is sent from the United States to Europe.



**1930-1940**



- 1930** — The first wireless message is sent from the United States to Europe.
- 1931** — The first wireless message is sent from the United States to Europe.
- 1932** — The first wireless message is sent from the United States to Europe.
- 1933** — The first wireless message is sent from the United States to Europe.
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- 1939** — The first wireless message is sent from the United States to Europe.
- 1940** — The first wireless message is sent from the United States to Europe.



**1940-1950**



- 1940** — The first wireless message is sent from the United States to Europe.
- 1941** — The first wireless message is sent from the United States to Europe.
- 1942** — The first wireless message is sent from the United States to Europe.
- 1943** — The first wireless message is sent from the United States to Europe.
- 1944** — The first wireless message is sent from the United States to Europe.
- 1945** — The first wireless message is sent from the United States to Europe.
- 1946** — The first wireless message is sent from the United States to Europe.
- 1947** — The first wireless message is sent from the United States to Europe.
- 1948** — The first wireless message is sent from the United States to Europe.
- 1949** — The first wireless message is sent from the United States to Europe.
- 1950** — The first wireless message is sent from the United States to Europe.



FIELD ORGANIZATION  
EMERGENCY PREPAREDNESS



# ARRL Headquarters



# Division Leadership



Northwest Division:

Division Director:  
Jim Pace, K7CEX

Vice Director:  
Bonnie Altus, AB7ZQ



## **Dave Sumner, K1ZZ - CEO**

- Regulatory,
- Spectrum Management,
- Advocacy,
- Government and Public Relations



# Chief Operating Officer ▪ Publisher QST

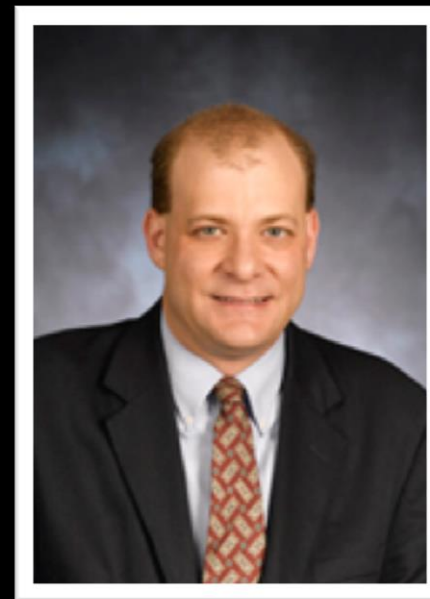


## Me - Harold Kramer, WJ1B - COO

Responsible for:

- ARRL Lab
- Advertising
- Education Services
- Radiosport
- Publications
- Sales, Marketing and Membership
- VEC

Represents Amateur Radio with  
Federal and International Regulatory  
Agencies and Professional Associations



**Brennan Price, N4QX**  
**Chief Technology Officer**

# Regulatory Information

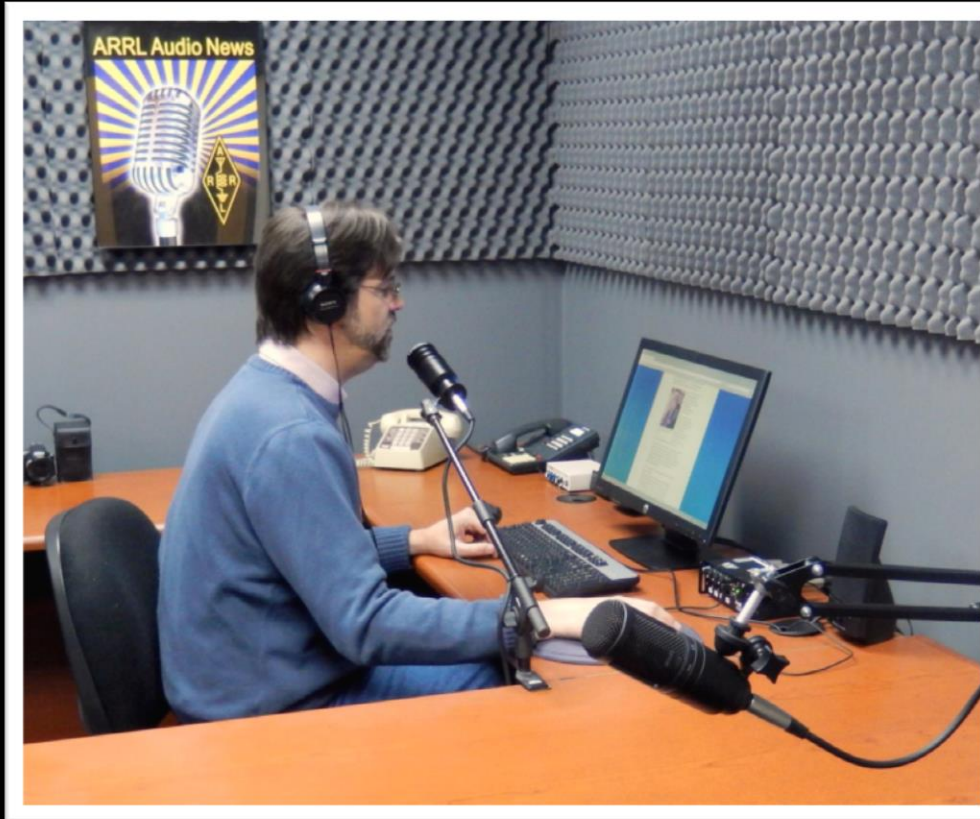


**Dan Henderson, N1ND**

Member and FCC Liaison  
Antenna Issues  
FCC Rule Book  
Volunteer Counsel and Engineers



# Media and Public Relations Manager



**Sean Kutzko, KX9X**





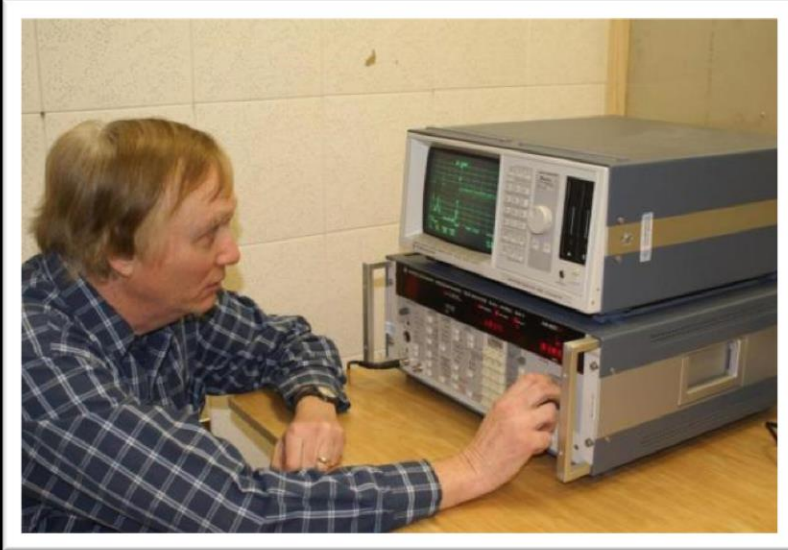
- Product Review
- Technical Information Services
- RFI Issues
- Industry Regulatory Support



**Ed Hare, W1RFI**  
**Lab Manager**



**Zack Lau, W1VT**  
**Technical Support  
Engineer**



**Mike Gruber, W1MG**  
**Senior RFI Engineer**  
**RFI and Conducted Emissions**



**Bob Allison, WB1GCM**  
**Senior Test Engineer**  
**QST Product Review**

# Exhibit







## Debra Johnson, K1DMJ Education Services Manager

- ARRL Instructor Support
- Teachers Institutes
- Education and Technology Program
- ARISS
- *Radio Waves* Newsletter

If you need help or resources teaching  
a licensing course.



# FSR Department ■ Awards Branch

- Operating Awards
- Contests
- Field Organization
- OO Program
- Hamfest Support
- QSL Bureau



**Dave Patton, NN1N**  
**FSR Manager**



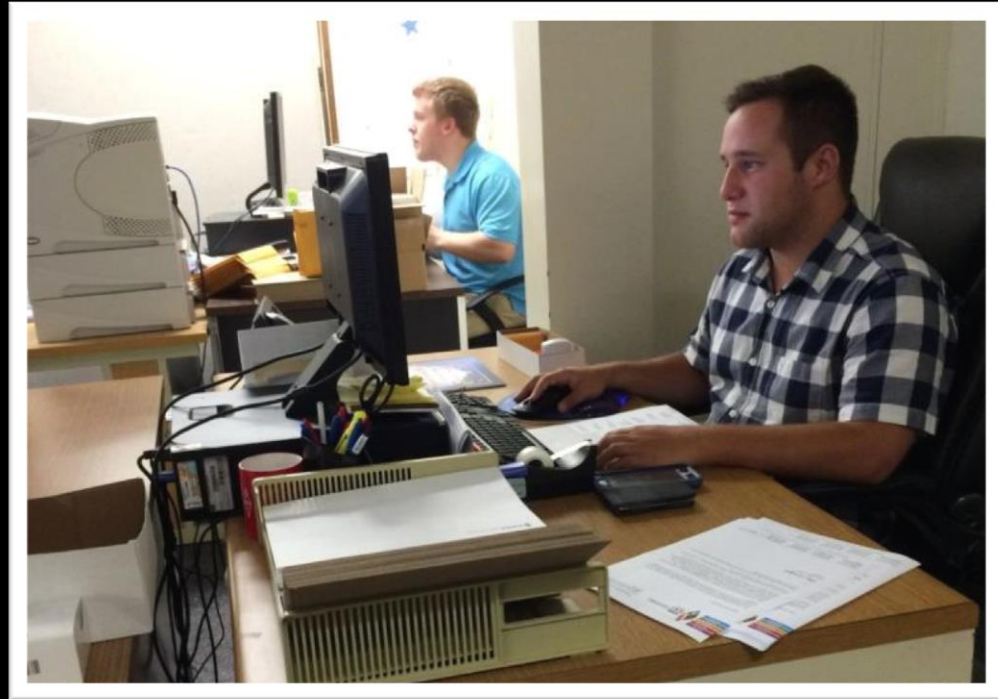
**In 2014:**

- **1.1 million credits processed**
- **13,500 applications received**
- **The number of DXCC applications have gone up every year for the past ten years!**

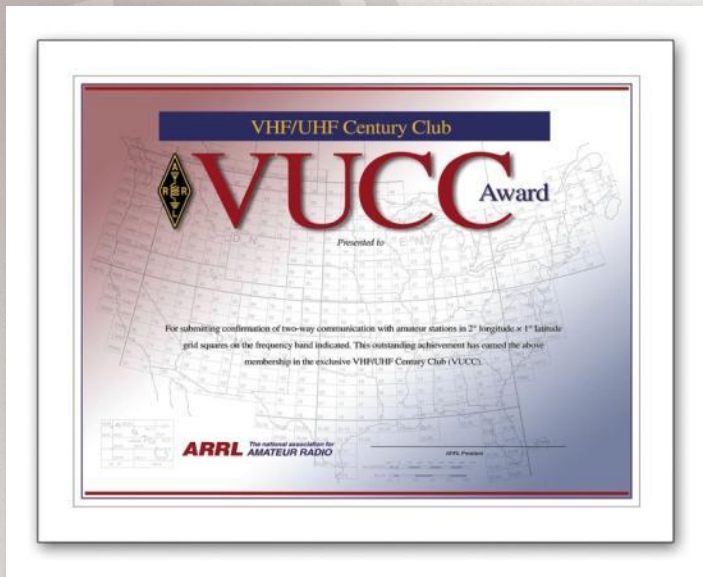
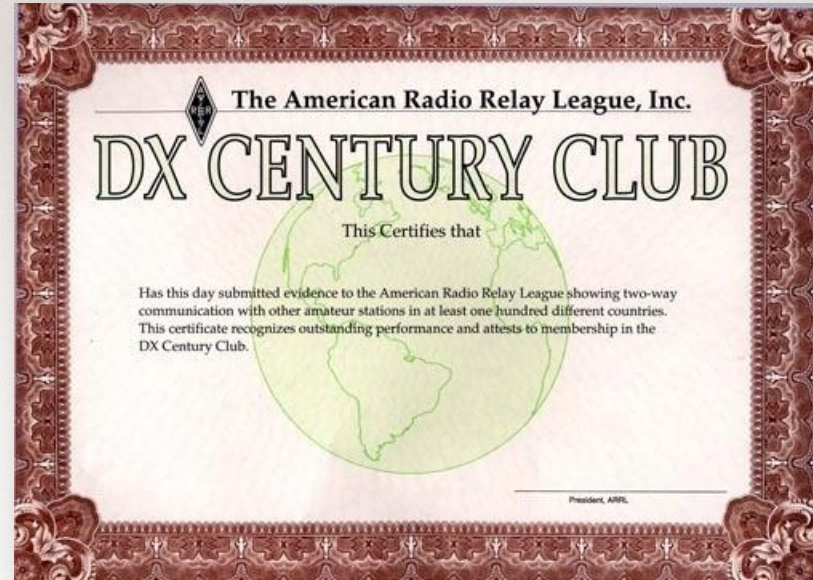
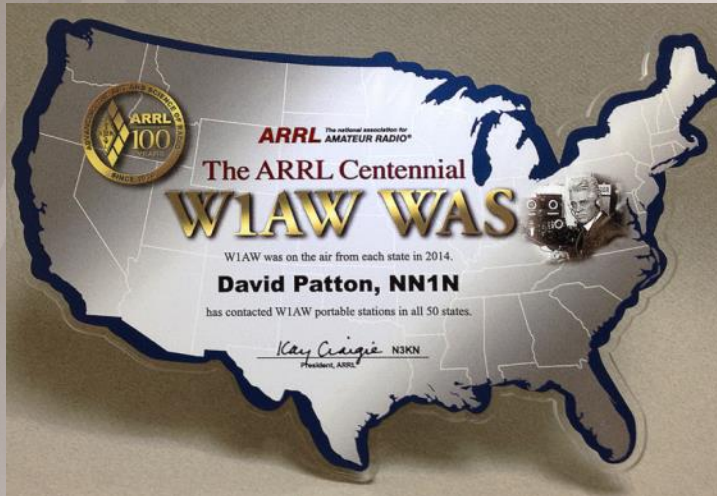
# FSR Department - Awards Branch

## Award questions on:

- Rules
- Award Applications
- Award Status



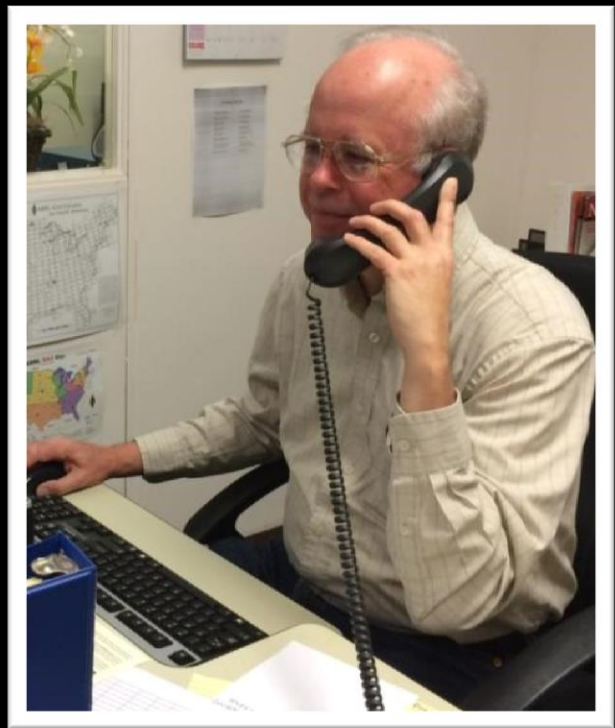
# ARRL Awards



# Worked All States Certificate



72,000 Users ■ 677 Million QSO Records



Dan Wall, W1ZFG  
Logbook Support

## Operating Events and Contests

- 15 contests per year
- 24 operating events per year



Contest Branch Manager  
Matt Wilhelm, W1MSW



2015 ARRL FIELD DAY

**HAM RADIO** 



# ARRL Affiliated Clubs





**2,300 ARRL Affiliated Clubs**  
**Norm Fusaro, W3IZ , Club Support**

# The ARRL Outgoing QSL Service



**Rose-Anne Lawrence**  
**KB1DMW**

**Processed about 800,000 QSL cards in 2014**

# The ARRL Outgoing QSL Service



**About 2 Tons of Cards Shipped in 2014!**



# FSR Department ■ Field Support



**Mike Corey, KI1U**  
**Emergency Preparedness**  
**Manager**



**Steve Ewald, WV1X**  
**Field Support Staff**  
**Supervisor**

# Amateur Radio Emergency Service ▪ ARES

- Field Organization
- 9,000 + Volunteer Leaders
- SM, SEC, DEC, EC
- Support, Training, Organization
- Free Monthly *ARES E-Newsletter*



The American Red Cross

The Salvation Army

FEMA

NPSTC

MARS

REACT

Skywarn

And many others

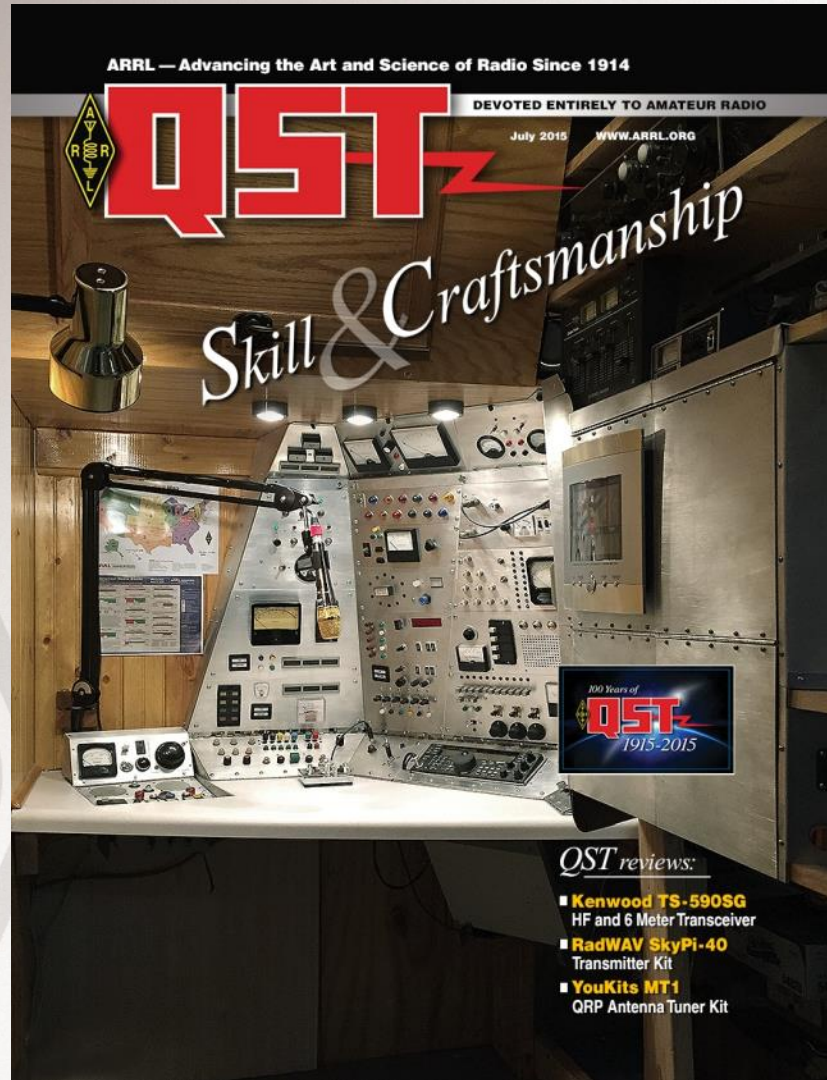






# Ham Aid





Print and Digital Editions



**QEX** \$5  
 May/June 2015  
[www.arrl.org](http://www.arrl.org)  
**A Forum for Communications Experimenters**  
 Issue No. 290

**TRICORDER**  
 500 MHz RF GENERATOR / POWER METER / NETWORK ANALYZER

VKSFE designed this Tricorder to serve three important functions on an Amateur Radio test bench. His version of a hand-held tool provides a 500 MHz RF signal generator, a low power meter and a scalar network analyzer.

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**NCJ** NATIONAL CONTEST JOURNAL \$4  
 May/June 2015  
[www.ncjweb.com](http://www.ncjweb.com) Volume 43 Number 3

**Contest Results Issue**

- Results: January NAQP CW
- Results: January NAQP SSB
- Op-Ed: Observations on Digital Contesting
- What's New in Contesting Hardware
- The First Family of Contesting
- The Evolution of a Winning SS Team

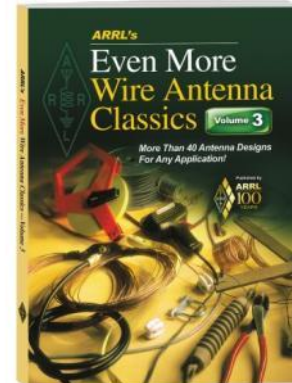
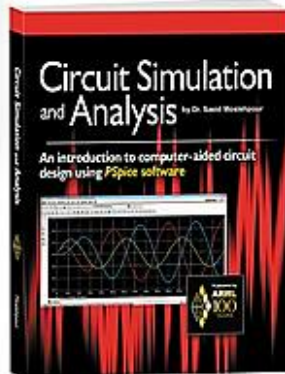
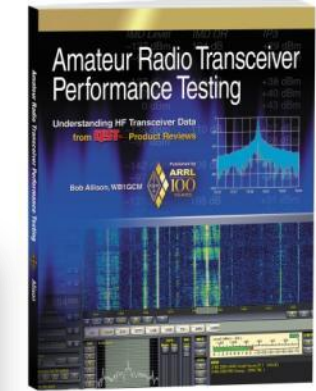
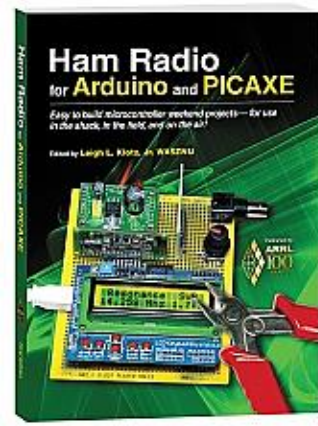
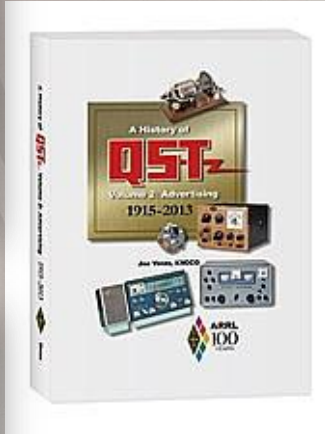
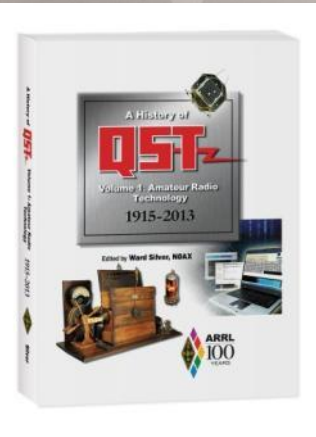
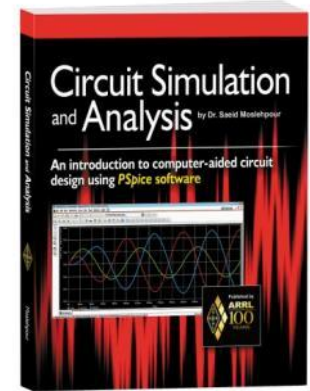
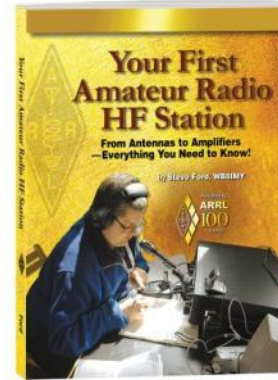
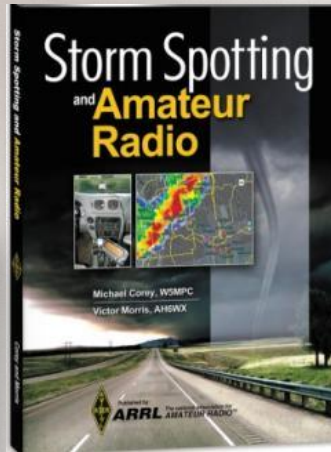
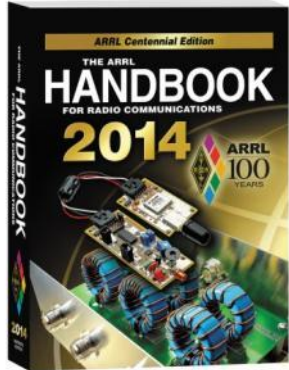
Top: Starting them young: Ken, KE5X, and his son Kody, K3ODY, at the High Speed Telegraphy competition in Bulgaria. We profile Ken in this issue.

Bottom: KETX bangs them off as part of the VE4DR team during the 2014 ARRL November Sweepstakes CW, helping the rest of us get closer to a clean sweep.

NCJ - The National Contest Journal  
 American Radio Relay League  
 225 Main Street • Newington, CT 06111-1494



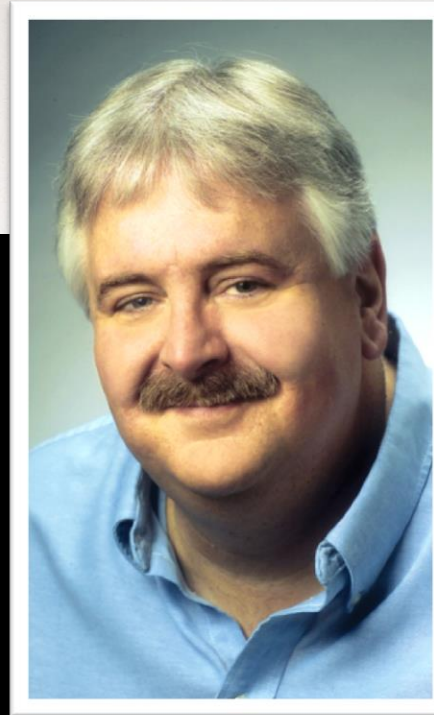
# 150 Books



# ARRL Publications



**Becky Schoenfeld, W1BXY**  
**Managing Editor, *QST***



**Steve Ford, WB8IMY**  
**Manager ARRL Publications**



*ARRL Letter*

*ARES E-Letter*

*ARRL Contest Update*

*Radio Waves*

*Instructor's Newsletter*

*Legislative Update*

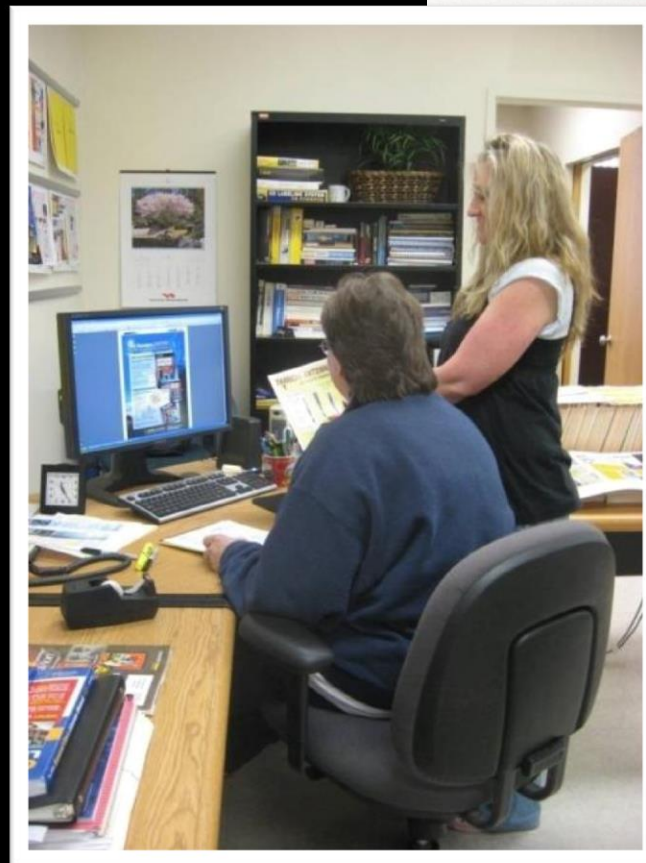
*Contact –Public Relations*

*VEC News*



# ARRL Business Services

- Advertising Sales for:
  - *QST* ▪ *NCJ* ▪ *QEX*
  - ARRL Publications
  - E-Newsletters
- Wholesale Book Dealers



**Debra Jahnke, K1DAJ**

**Department Head**



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with a hands-on professional  
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**Explore**  
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Sensor Technology, Radio  
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**2013 TI-1 Workshops\***

Date: July 8-11, 2013  
Location: ARRL HQ, Newington, CT  
Application Deadline: May 15, 2013

Date: July 15-18, 2013  
Location: Parallax Inc., Rocklin, CA  
Application Deadline: May 15, 2013

\*Participants do not need an Amateur Radio license to enroll in the TI-1.

Teachers Institutes are four-day expenses paid professional development seminars for motivated teachers who want to learn more about wireless technology and how to teach the foundational concepts in basic electronics and radio science. Participants also explore microcontroller programming and basic robotics. The seminar is relevant for teachers at all academic levels.

**Apply Now!**

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QST 6/2015

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QST 4/2015





# Marketing and Membership



Diane Petrilli, KB1RNF  
Membership Manager



Bob Inderbitzen,  
NQ1R  
Department Manager



Yvette Vinci, KC1AIM  
Circulation Manager

**Excellence in serving members  
and customers is our #1 Priority!**



## Questions about:

- Membership
- Circulation (*QST* ▪ *NCJ* ▪ *QEX*)
- Publications and Product Sales
- Order Fulfillment
- Customer Service



# Volunteer Exam Coordinator (VEC)



**Maria Somma,  
AB1FM  
VEC Manager**

**Perry Green,  
WY1O  
Assistant  
Manager**



# Volunteer Exam Coordinator (VEC)



# Volunteer Exam Coordinator (VEC)

ARRL VEC administers 76% of all Amateur Radio exams

37,500 Volunteer Examiners

Over 51,000 exam elements administered in 2014

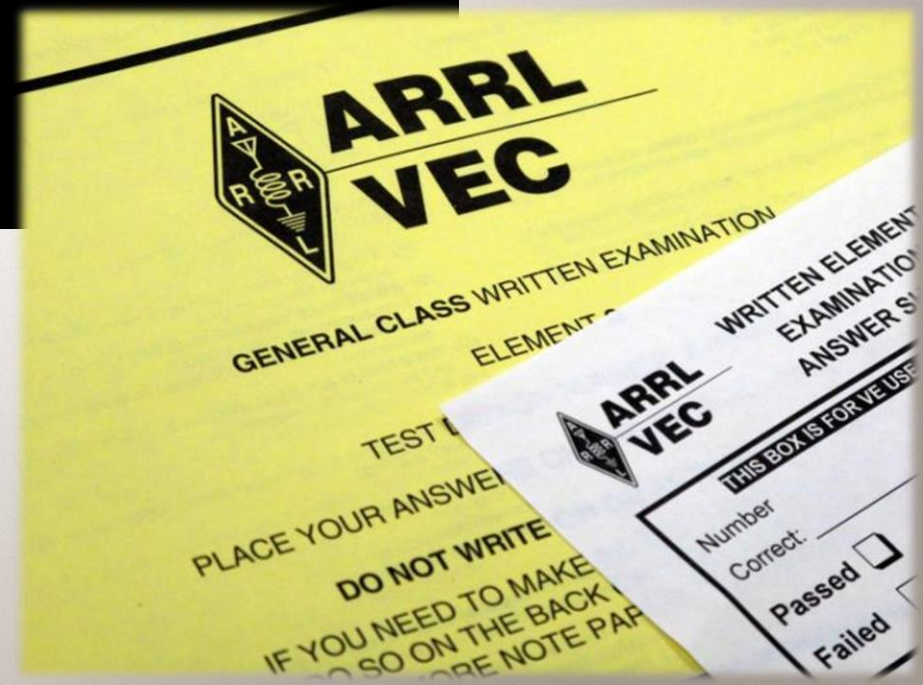
7,200 sessions in 2014



# Volunteer Exam Coordinator (VEC)

## Questions:

- Where do I go to take the test?
- When will my license be issued?
- How do I renew my license?
- How do I get a vanity call sign?





- Home
- On The Air
- Licensing, Education & Training
- Membership
- Regulatory & Advocacy
- Public Service
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On The Air: [ARRL Field Day \(Jun 27-28\)](#) • [Centennial QSO Party Awards Available Now](#)

Photos: [ARRL EXPO at Dayton Hamvention® \(held May 15-17\)](#)

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## Upcoming Events

### Conventions

- June 5-7, 2015 ■ ARRL Northwestern Division Convention ■ Seaside, Oregon
- June 12-13, 2015 ■ ARRL West Gulf Division Convention ■ Irving, Texas
- June 26-28, 2015 ■ International Amateur Radio Exhibition ■ Germany
- July 31 - Aug 2, 2015 ■ Rocky Mountain Division Convention ■ Bryce Canyon City, Utah

[Search for Conventions and Hamfests](#)

1 2 3 4 5

### New to Amateur Radio?

[What is Ham Radio](#) • [Get Your License](#) • [This Month in QST](#) • [Media/PR](#)

### Latest News

LightSail CubeSat Stops Transmitting  
(05/29/2015)



The K7RA Solar Update  
(05/29/2015)



Radio Call Saves SOTA Climber Following Fall  
(05/28/2015)



Hams Invited to Test APRS on Duchifat-1 CubeSat  
(05/28/2015)



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### Your Feeds

#### Your Local Events

- Exam Session - Goshen CT 06756 | May 30th 2015
- Exam Session - Armonk NY 10504-9999 | May 30th 2015
- 24th Annual Hamfest | May 30th 2015

#### Latest Contesting Events

- 2015 ARRL International DX Contest (Phone) | Mar 07th 2015
- 2015 ARRL International DX Contest (CW) | Feb 21st 2015
- 2015 School Club Roundup - February | Feb 09th





W1AW

The Hiram Percy  
Maxim Memorial  
Station



W100AW made about 70,000 QSOs in 2014



# W1AW Operating Studios



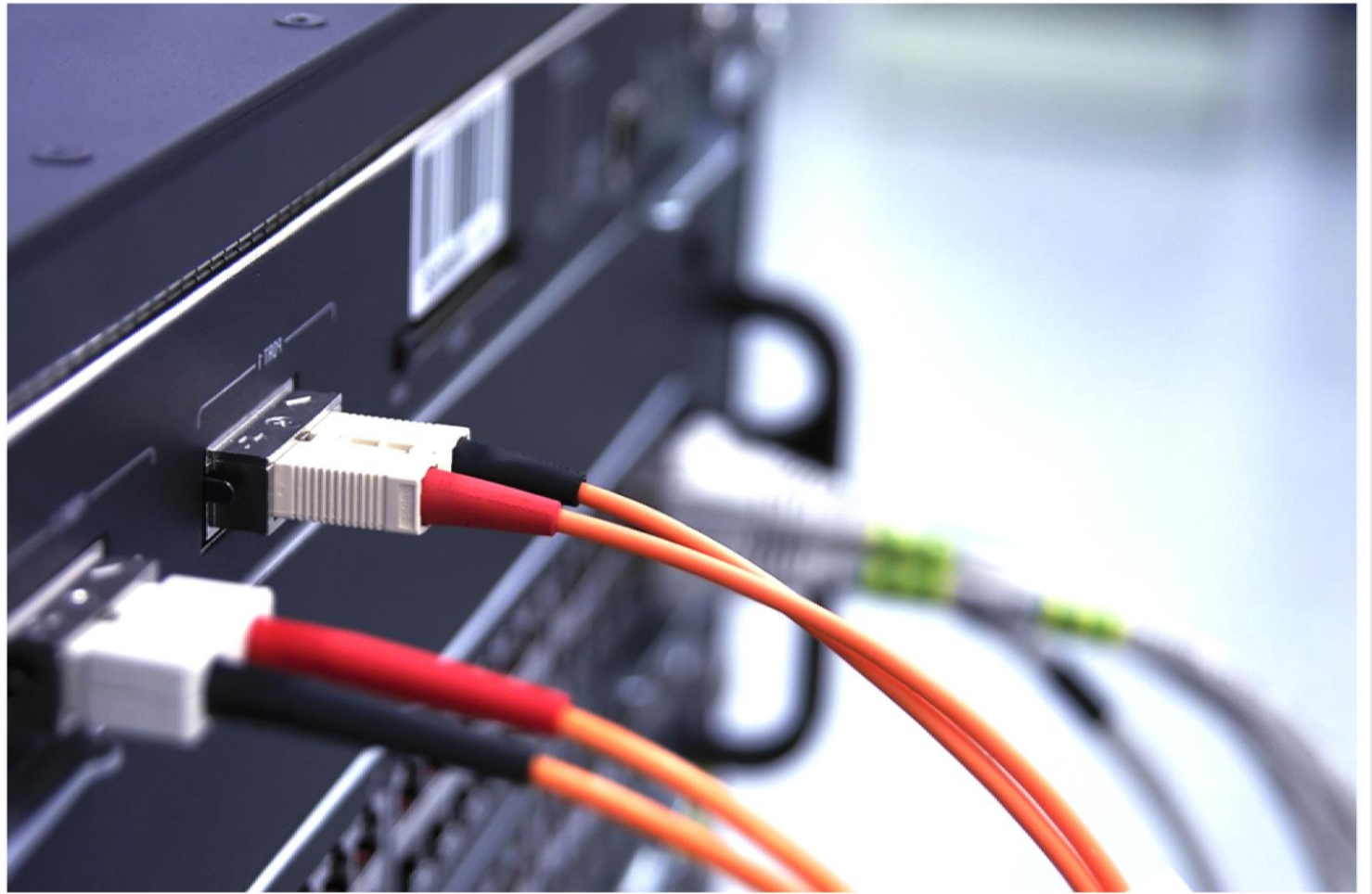
**Open for Visitors and Guests**



# W1AW Broadcast Equipment



# ARRL Information Technology Team



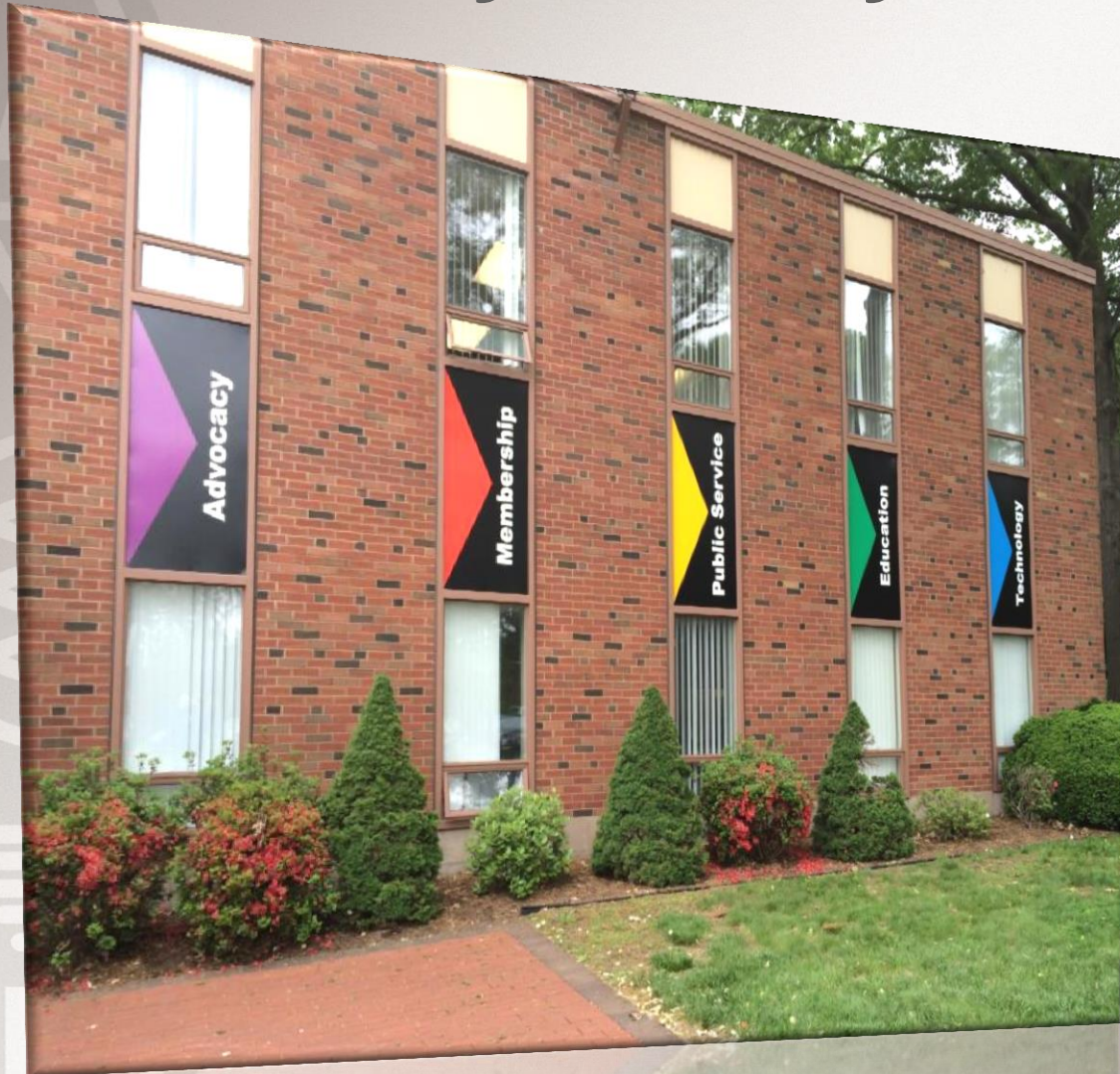
- ARRL Mail Room
- ARRL Warehouse
- Building Management
- CFO Staff / Accounting / HR
- Writers, Editors & Columnists

**All of us at the ARRL are  
here to serve you, our  
members.**

**Our mission is to advance  
the art, science and  
enjoyment of Amateur Radio.**



On behalf of all of us at ARRL,  
we thank you for your support.



# Thank You

Harold Kramer, WJ1B

[WJ1B@arrl.org](mailto:WJ1B@arrl.org)

