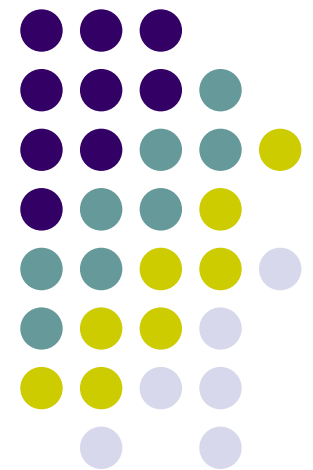


American Radio Relay League

History, Services, and Benefits to
You as a Ham Radio Operator





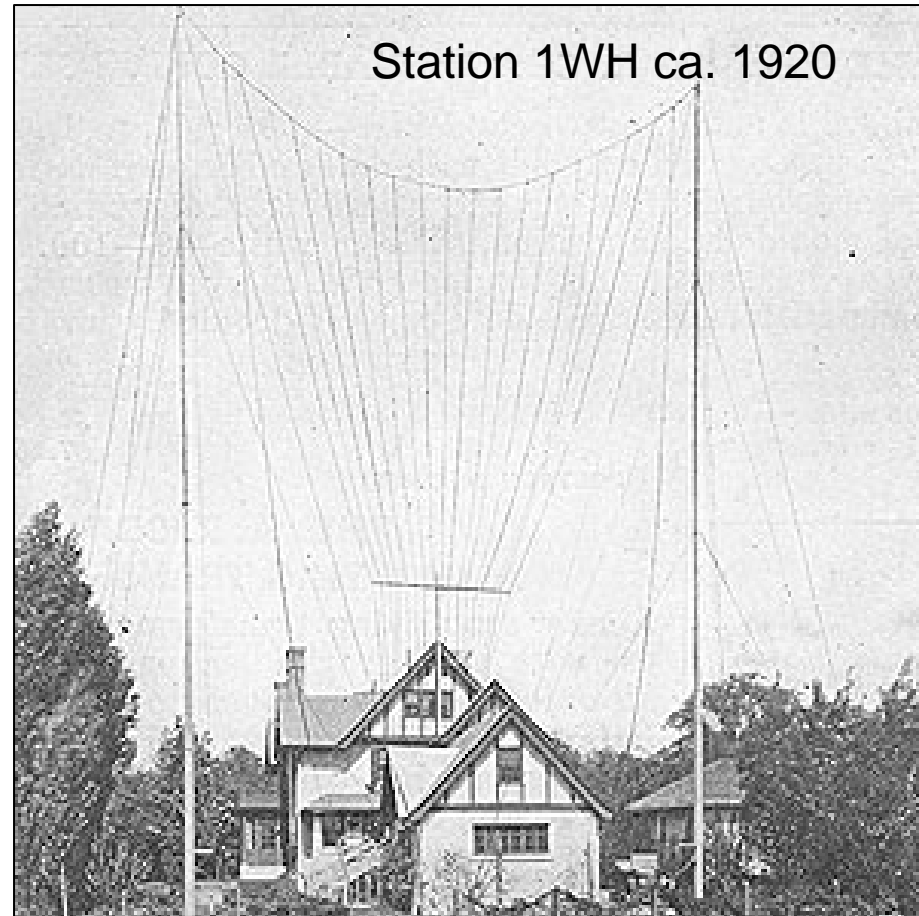
Organization History

- Widespread radio experimentation began not long after Marconi's and Tesla's demonstrations in late 1890s.
 - US began licensing ham radio in 1912
 - Within two years, there were thousands of licensees.
- On Jan 14th, 1914, the Radio Club of Hartford first met – chair was Hiram Percy Maxim, industrialist and inventor
 - David L. Moore elected president, Clarence D. Tuska elected secretary.
 - 23 charter members; by March, 35 members



History (cont.)

- In the early days, 1kW stations had limited range of ~100 miles
- Maxim perceived a need to organize relay stations – Hartford Radio Club took over task
- Tuska and Maxim wrote letters to amateurs they knew – by September 1914, there were 237 relay stations in 32 states and Canada.





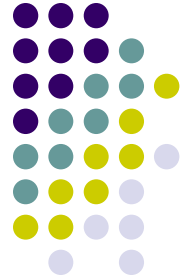
History (cont.)

- Relay stations of the “American Radio Relay League” had to meet high technical and operating standards
 - There were no dues, but only qualified applicants were accepted.
- ARRL incorporated in Connecticut in 1915
 - In Dec 1915, the 16-page *December Radio Bulletin* first sent out, “to maintain the organization of the American Radio Relay League and to keep the amateur wireless operators of the country in constant touch with each other.”

Today



- ARRL membership numbers around 152,000
 - The largest organization of radio amateurs in the United States.
- Not-for-profit organization that:
 - Promotes interest in Amateur Radio communications and experimentation
 - Represents US radio amateurs in legislative matters, and
 - Maintains fraternalism and a high standard of conduct among Amateur Radio operators.
- Based in Newington, a suburb of Hartford
 - 120 staff
 - Also International Secretariat for the International Amateur Radio Union, which is made up of similar societies in 150 countries around the world.



Organizational Structure

BOARD OF DIRECTORS includes

- **President:**
[Joel Harrison, W5ZN](#)
528 Miller Rd
Judsonia, AR 72081
w5zn@arrl.org
- **Chief Executive Officer:**
[David Sumner, K1ZZ](#)
- **Secretary:**
[David Sumner, K1ZZ](#)
- **Treasurer:**
James McCobb Jr., K1LU
- **Chief Financial Officer:**
Barry J. Shelley, N1VXY
- **Chief Operating Officer**
[Harold Kramer, WJ1B](#)
- **Chief Development Officer:**
[Mary Hobart, K1MMH](#)
- **Chief Technology Officer:**
[Paul Rinaldo, W4RI](#)

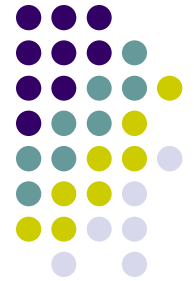
Organized in 15 Divisions *Northwestern Division*

Director

Jim Fenstermaker, K9JF
1525 NW 57th St. Unit 610
Seattle, WA 98107
360-256-1716
k9jf@arrl.org

Vice Director

William J. Sawders, K7ZM
51442 Mac Court
La Pine, Or. 97739
541-536-5963
k7zm@arrl.org



Structure (cont.)

- The 15 Divisions are arranged into 71 administrative Sections
 - Each headed by an elected [Section Manager](#) (SM).
 - Many sections consist of entire states; some states have [more than one section](#).

Alaska Section Manager

David W. Stevens, KL7EB

PO Box 113242

Anchorage, AK 99511

907-345-6506

kl7eb@arrl.org

Structure (cont.)

- Assistant Section Manager

Edward Cole, KL7UW
PO Box 8672
Nikiski, AK 99635
(907) 776-5829
al7eb@ptialaska.net

- Affiliated Club Coordinator

David W Stevens, KL7EB
PO Box 113242
Anchorage, AK 99511
kl7eb@akwireless.net

- Official Observer Coordinator

Douglas P Dickinson, KL7IKX
PO Box 110872
Anchorage, AK 99511-0872
(907) 267-1421, (907) 349-4131
kl7ikx@arrl.net

- Public Information Coordinator

Michael C Wood, AL2N
2221 Muldoon Rd Spc 12
Anchorage, AK 99504-3629
(907) 333-8795
al2n@arrl.net

Section Emergency Coordinator

Linda G Mullen, AD4BL
4555 Melan Dr N
Fairbanks, AK 99712-3436
ad4bl@arrl.net

Section Traffic Manager

Lake E Trump, AL7N
2950 S Kobuk Ave
Fairbanks, AK 99709-5126
(907) 479-2550
l.trump@worldnet.att.net

Technical Coordinator

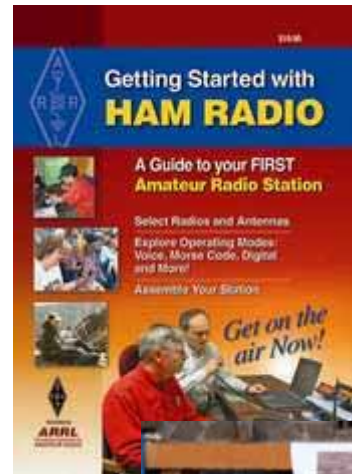
Terry K Reynolds, AL7CE
17800 Beaujolais Dr
Eagle River, AK 99577
al7ce@arrl.net





Important ARRL Services

- Licensing & Education
 - On-line courses
 - Publications
 - Public relations materials
- Public Service
 - Emergency operations
 - Traffic handling
- Regulatory Review
 - FCC & industry liaison
 - Spectrum Defense
- Operating Events
 - Contests
 - Awards & QSL Bureau



Certification and Continuing Education Program



- **Emergency Communication**
- [Level 1 AREC \(EC-001\)](#)
- [Level 2 AREC \(EC-002\)](#)
- [Level 3 AREC \(EC-003\)](#)
- [FEMA independent study program](#)
- **Licensing**
- [Ham Radio License Course \(EC-010\)](#)
- **Technical courses**
- [Antenna Modeling \(EC-004\)](#)
- [HF Digital Communications \(EC-005\)](#)
- [RFI \(EC-006\)](#)
- [Beyond Repeaters \(EC-008\)](#)
- [Antenna Design & Construction \(EC-009\)](#)
- [Radio Frequency Propagation \(EC-011\)](#)
- [Analog Electronics \(EC-012\)](#)
- [Digital Electronics \(EC-013\)](#)

Each on-line course has been developed in segments -- learning units with objectives, informative text, student activities, and quizzes.

Interactive between mentor and student

Required to pass a Final Assessment (exam) of 25- multiple choice questions each with a score of 80% or better.

Fees \$45-65 typical.



Public Service

- Amateur Radio Emergency Service
 - Licensed amateurs who have [voluntarily registered](#) their qualifications and equipment for communications duty in the public service when disaster strikes.
 - Every licensed amateur, regardless of membership in ARRL or any other local or national organization, is eligible for membership in the ARES.
 - Linda Mullen AD4BL is Section Emergency Manager



Public Service (cont.)

- National Traffic System
 - Provides formal structure and procedures for...
 - Rapid movement of traffic from origin to destination,
 - Training amateur operators to handle written traffic and participate in directed nets.
 - Ed Trump AL7N is Section Traffic Manager



Regulatory & Spectrum Defense



- ARRL keeps abreast of FCC and industry developments
 - PRB-1 tower ruling
 - Defends against commercial threats to amateur frequencies
 - BPL fight
 - Official Observer Program

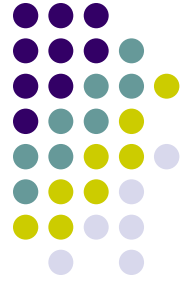


Operating



- Contests
 - ARRL DX, Field Day, Sweepstakes, VHF, EME
- Awards
 - DXCC, Worked All States, VUCC
- Special Events
 - 1x1 callsign administration
- QSL Bureau
 - Incoming and outgoing QSL bureaus





Affiliated Club Program

- ARRL [Club liability insurance](#) is available to affiliated clubs only, and is one of the most popular benefits offered.
 - Events like hamfests and flea markets, and venue owners and operators usually require sponsors to furnish certificates of insurance.
- [ARRL Equipment insurance](#) is also available
 - Restricted to ARRL affiliated clubs and ARRL members only.
- ARRL Affiliated Clubs receive a commission for every new ARRL membership and renewal
- AARC is an affiliated club!