



# Ham Radio in the 21st Century

## ARRL New England Division Town Hall Meeting

OCTOBER 19<sup>TH</sup>, 2022

# ARRL Update Topics



- ARRL Club Grant Program
- Building Public Support & Awareness
- ARRL Projects and Priorities
- Club Development
- Communications
- Asst. Director Projects



# ARRL Foundation Club Grant Program



- The ARRL Foundation received \$500,000 in funding from ARDC
- ARRL Affiliation is not required
- Up to \$25k for club projects
- [View the tranche 2 kickoff webinar](#)
- “Will your project advance Amateur Radio in a transformational fashion?”
- Tremendous response to first Tranche – 128 grant applications received totaling \$1.74M
- First round of grants applicants and recipients have been notified – 24 Clubs received grants totaling \$270K
- Second round has begun; applications are due November 4th
- More information at [www.arrl.org/club-grant-program](http://www.arrl.org/club-grant-program)





# Space Chat @ The BIG E

Building Public Awareness and Support for Amateur Radio

- 13 Students spoke with Astronaut Bob Hines, KI5RQT on the International Space Station
- Contact held Tuesday September 27<sup>th</sup> at the BIG E Arena
- Amateur Radio received lots of press coverage, including [AB1OC TV News interview](#). See all [media coverage here](#).
- Live stream of contact and pre-contact program [can be found on YouTube](#). Also, [ARRL video](#) [here](#).



**Bob "Farmer" Hines** ✓ @Astro\_FarmerBob · 3h

This was such a fun event...great questions from all the students at New England Sci-Tech. We talked all things space: [@Space\\_Station](#), [@NASA\\_Astronauts](#), [@NASA\\_Artemis](#) and more! Thanks for the chat! -73



# The BIG E Space Chat

## Who is Involved?



Livestream Program  
Production



Venue Host and Promotion



NEW ENGLAND  
SCI-TECH

Supporting STEM Education Program



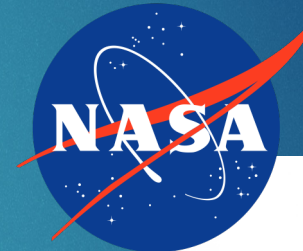
Contact Planning and Support



ARISS

Amateur Radio on the International Space Station

ISS Contact Program Provider



Canadian Space Agency Agence spatiale canadienne



International Space  
Agency Partners



# ARRL Projects and Priorities



- **ARRL Board Committees**

- As chair of an **Administration and Finance subcommittee**, looking at ways to grow ARRL membership
- As chair of an **NTS subcommittee of EC – FSC**, working to create a vision and plan for the future of the National Traffic System
- Along with Mike Walters, Steve Goodgame and others, facilitated a **Club Webinar working group** that has created a club development webinar series to be launched early next year
- As a member of the **Investment Management Committee**, setting up an oversight and management process for our Investment Manager
- As part of an **ARRL Foundation sub-committee**, worked to create the criteria and program definition for the ARRL Club Grant program
  - Along with Mike Walters, supporting execution of the program



# Vice Director Projects



- Member of ARRL Committees:
  - Band Planning Committee
  - ARISS Committee
  - ARDF Committee (Board liaison)
- Recent Meetings:
  - January and July 2022 Board of Director Meetings
  - Bi-monthly New England DVA meetings
  - Six radio club meetings per quarter
- Additional Projects:
  - Marketing and PR for “The BIG E Space Chat”
  - Northeast HamXposition programs
  - [nediv.arrl.org](http://nediv.arrl.org) webmaster



# Club Development

## Topics and sequence for webinars



- Leadership development training
- How to operate efficiently and correctly – dues collections, accounting, reporting, etc.
- Recruiting members for your club
- Creating licensing, mentoring, training, and skills development programs
- Creating engaging activities for their members and public (likely multiple webinars)
- Publicizing club projects and activities
- Approaches to creating and maintain a modern website and internet presence
- Advice and tools to modernize club governance
- Fundraising – thinking beyond dues
- Administering a club station and/or callsign



# Club Commission Program



- The ARRL Affiliated Club Commission Program allows ARRL Affiliated Clubs to earn a commission on new and renewing regular memberships.
- Each new ARRL member earns the club a \$15.00 commission.
- Each renewal now earns the club a \$5.00 commission. There is no limit to the amount a club can earn in this program.



**ARRL**  
The National Association for  
Amateur Radio®

## Club Commission Reconciliation Form

For use by  
**ARRL**  
Affiliated Clubs

Complete this form and attach all membership applications with full payment.  
ARRL pays commission directly to the club.

Club Name \_\_\_\_\_ Date \_\_\_\_\_  
Contact Name \_\_\_\_\_ Call Sign \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Daytime Telephone \_\_\_\_\_ E-mail \_\_\_\_\_

ARRL Affiliated Clubs can receive \$15 for each **NEW** membership and \$5 for each **RENEWAL** submitted to ARRL Headquarters. A NEW MEMBER is defined as any individual who has never been a member of ARRL or any individual who has not held membership for two or more years prior to the application submission. A RENEWING MEMBER can renew at any time, even before their current membership term expires.

Memberships may not be combined with and are not eligible for any other individual promotion or special offer.

### FULL MEMBERSHIPS

New	# _____	x \$15 = \$ _____
Renewal	# _____	x \$5 = \$ _____
Other membership types are not eligible for commission.	Total Commission	= \$ _____

### Please Make Club Commission Payment Via:

Direct Deposit to Account:

☐ Checking ☐ Savings

Bank: \_\_\_\_\_

Acct #: \_\_\_\_\_

Routing #: \_\_\_\_\_

Check to be Mailed to:

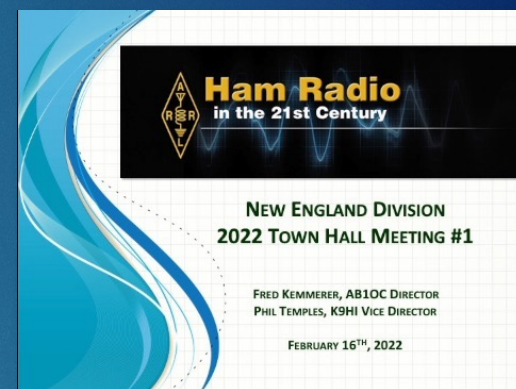
Address: \_\_\_\_\_



# NE Division Communications



- **Cabinet Meetings** – three held this year, **next one in December 2022**
- **Town Hall Meetings** - three held in 2022, **expect the next one in February 2023**
- **Third Division Newsletter** planned for November; Division Website updated daily
- **Club Meeting Attendance**
  - Director, Vice Director, and Asst. Director to attend at least 6 Club Meetings per quarter each
- **Hamfests** – Plans for Hamfests and ARRL Forums
  - ✓ HamCation in Orlando, FL – February 10<sup>th</sup> – 12<sup>th</sup>
  - ✓ HAM-CON in VT – February 26<sup>th</sup>
  - ✓ Maine State Convention in ME – April 1<sup>st</sup> and 2<sup>nd</sup>
  - ✓ Spring NEAR-Fest in NH – April 29<sup>th</sup> and 30<sup>th</sup>
  - ✓ Dayton Hamvention May 20<sup>th</sup> – 22<sup>nd</sup>
  - ✓ HamXpostion in MA – August 26<sup>th</sup>, 27<sup>th</sup>, and 28<sup>th</sup>
  - ✓ Candlewood ARA Hamfest – September 11<sup>th</sup>
  - ✓ BIG E Exposition in MA – September 16<sup>th</sup> – October 2<sup>nd</sup>
  - ✓ Nutmeg Hamfest, CT State Convention – October 9<sup>th</sup>
  - ✓ Fall NEAR-Fest in NH – October 14<sup>th</sup> – 15<sup>th</sup>
- **Important: please register your Hamfest for ARRL sanctioning & scheduling**





# New England Division Organization

## Assistant Directors



Bringing Hams in the division together involved in the important Focus Areas to:

- Share successful activities, programs, and tools
- Help promote activities and programs across the division
- Encourage collaboration to create division-wide programs

Next Group Meetings:  
EmComm: 11/21  
Mentoring/Youth: 10/12  
Spectrum Prot: Mid Nov

ARRL New England Division Asst. Directors (more info at [nediv.arrl.org](http://nediv.arrl.org)):

- **Cory Golob, KU1U** – Assistant Director, Emergency Comm. and Public Service Activities
- **Rob Leiden, K1UI** – Assistant Director, Spectrum Protection and Use
- **Anita Kemmerer, AB1QB** – Assistant Director, Mentoring and Ham Development
- **Dan Norman, N0HF** – Assistant Director, Youth Outreach and STEM Learning



Cory Golob  
KU1U



Rob Leiden  
K1UI



Anita Kemmerer  
AB1QB



Dan Norman  
N0HF



# RFI Team Project

## Progress to date

- June – RFI teams formed in all 7 sections
- July - ARDC Equipment Grant Submitted
  - RFI Toolkit [info here](#)
- September – ARDC Grant (\$23.6K) awarded
- October – Training and deployment for RFI teams in progress. Funds received from ARDC.
- December/January – Meet with teams to provide training and deploy equipment.
- 1<sup>st</sup>/2<sup>nd</sup> Quarter 2023 – Implement pilot RFI program, adjust process based upon early results.
  - Checkpoints at 10 and 25 RFI cases completed
- 3<sup>rd</sup> Quarter 2023 – Full [process](#) implementation rollout
- Address possible nation-wide roll-out based upon results in New England





# Emergency Communications & Public Service



- Most recent talk given by Maury Prentiss KB1EZZ on how amateur radio can assist fire departments
- Keeping three most recent NE-ECAPS presentations available on the NEDIV website
- Looking at scheduling more talks for NE-ECAPS for the next few sessions. If you are interested please reach out to me.
- NTS 2.0 continues to hold regional meetings across the country to explain the process and look for people to participate in the implementation process
- New England Information Net slated to start January 2023
- Mesh networking projects continue to bridge discussion between our group and Rob Leiden's group



# Mentoring and Ham Development

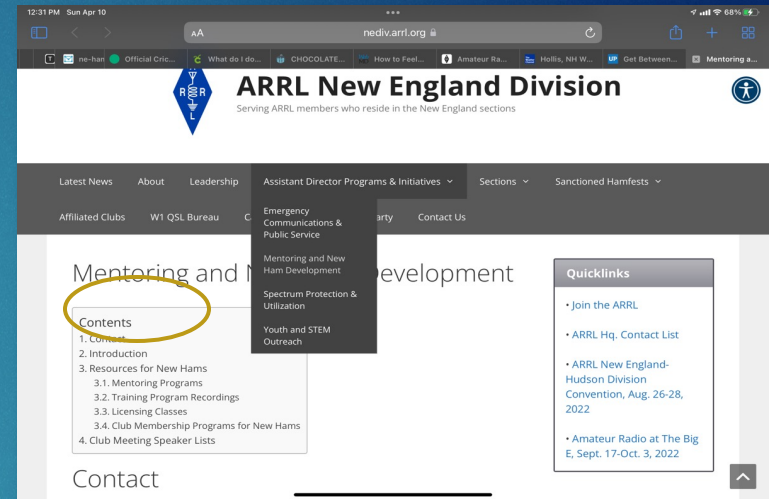
*Anita Kemmerer, AB1QB*

## Online Resources

- Mentoring resource for new and prospective hams
- Resource for group leaders looking for new ideas for mentoring
- Includes
  - License Class Listings
  - Mentoring programs
  - Training Videos
  - Speaker Lists
  - And more...

# Youth Outreach and STEM Learning

*Dan Norman, N0HF*



## Coming soon

- Resources/tools for club leaders
- Information packets used to introduce Ham Radio to STEM schools, a how-to guide for Teachers and Staff.

Group Meetings held every 6 weeks including guest speakers on Mentoring and Youth Outreach related topics. Join our groups.io:

**ne-ham-dev / nediv-yso**






Q&A



# Develop Skills and Help Hams Learn


## The ARRL Learning Center



**ARRL Learning Center**

ContactAccountLogout

Learning PathsCoursesWebinarsCommunityAbout




### Discover how to take your Membership to the next level.

The ARRL Learning Center provides you with instruction and training for getting on the air, emergency communications, and electronics and technology from experienced members of our community, so that you can get the most out of your license.

- **Get active:** Learn from a comprehensive collection of classes, resource guides and video tutorials.
- **Get involved:** Increase your knowledge across a variety of topics to expand your participation.
- **Get on the air:** Develop your skills at your own pace, focusing on the areas that interest you the most.

View Your AccountFind Community Events



### What do you want to do with Amateur Radio?

Choose your own adventure! The ARRL Learning Center organizes its course content around Learning Paths, making it easy to navigate and explore the field. Select the path that interests you most to get started.

On the Air	Emergency Communications	Electronics & Technology	All Courses
<p>Master the basics of getting on the air, communicating with others, and exploring radio operating activities.</p> <ul style="list-style-type: none"><li>• Making your first radio contact</li><li>• Having fun with radiosport and contesting</li><li>• Communicating via satellites and talking to astronauts</li><li>• Outdoor radio operating from parks, summits, and on the go</li><li>• Digital modes and networks</li></ul> <p>...and more!</p>	<p>Learn how to serve your community during emergencies and disasters, and provide support for local events:</p> <ul style="list-style-type: none"><li>• Ham radio's role during emergencies and disasters</li><li>• How to get involved with public service</li><li>• Basic operating techniques</li><li>• EC certification courses EC-001, EC-016, PR-101</li></ul> <p>...and more!</p> <p><a href="#">View Path</a></p>	<p>Develop your technical skills and improve your understanding of how radio works:</p> <ul style="list-style-type: none"><li>• Basic radio concepts, including setting up your station</li><li>• Building antennas</li><li>• Understanding electronics and components</li><li>• Grounding &amp; bonding techniques</li><li>• Kit building</li></ul> <p>...and more!</p> <p><a href="#">View Path</a></p>	<p>Start here to see a full list of available courses and training.</p> <p><a href="#">View All Courses</a></p>

A wealth of training materials is available to ARRL Members through the ARRL Learning Center – <https://learn.arrl.org>