



Ham Radio
in the 21st Century

ARRL New England Division Town Hall Meeting

NOVEMBER 8TH, 2023

Update Topics



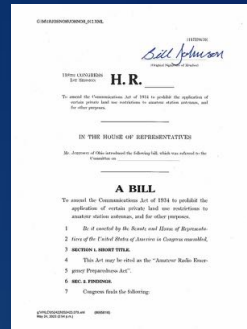
- Legislation and FCC regulations
- Club Grant Program update
- The New NTS Letter
- Director and Vice Director projects
- Q & A

Shortwave Modernization Coalition Proposal to the FCC



- The ARRL lab has reviewed the technical rules proposed in SMC's petition from the standpoint of potential interference to Amateur Radio communications.
- A technical analysis has been prepared for submission to the FCC.
- The ARRL analysis demonstrates that the rules as proposed in SMC's petition, if adopted, would pose a clear potential for interference into the Amateur bands.
- It may be possible for high-power HF transmissions to co-exist with Amateur communications, but not with the technical rules proposed by SMC.
- More on ARRL's filing on this matter can be found at - <http://www.arrl.org/news/arrl-files-comments-against-seriously-flawed-hf-rules-petition>

Amateur Radio Preparedness Act



- H.R. 4006 was reintroduced in the house on June 12th by representatives Bill Johnson (OH-06) and Joe Courtney (CT-02)
 - “I reintroduced the Amateur Radio Emergency Preparedness Act to remove barriers to disaster and emergency communications and training, and to promote education in STEM subjects related to critically needed wireless technology. Passage of this bill will promote developing and sustaining our nation’s wireless future and facilitate and encourage amateur radio operations as a public benefit.” – [statement](#) by congressman Bill Johnson.
- H.R. 4006 would govern private land use restrictions on amateur radio
 - The full text of the bill is available [here](#).
- ARRL is investing in lobbying efforts and will provide more information on how you can continue help going forward
- We encourage you to contact your representatives and express support
 - We have put together [contact information](#) for you to use on our division website

Symbol Rate Restrictions



- The FCC is meeting on November 15th, 2023, to consider removing the symbol rate restriction on the HF bands.
 - docs.fcc.gov/public/attachments/DOC-397992A1.pdf
- If adopted, the FCC would:
 - Delete the HF symbol rate
 - Adopt a 2.8 kHz bandwidth limit in place of the symbol rate
 - Leave all other rules in place, including:
 - Prohibition of encrypted modes
 - Small sub bands for unattended (automatic) digital modes with bandwidths greater than 500 Hz
 - Initiate a new Further Notice of Proposed Rulemaking in which it:
 - Proposes to eliminate the symbol rates for 6 meters and up
 - Request comment on the signal bandwidth limits already applicable in those bands
 - Request comment on eliminating the symbol rate limits applicable to the LF bands, and whether a bandwidth limit is necessary in those bands
- These steps are 100% consistent with ARRL's position and advocacy₅

60m Band Pending Changes



- The FCC has issued a Notice of Proposed Rulemaking (NPRM) which effects Amateur Radio use of the 60m band
 - The FCC proposes to allocate 15 kHz of contiguous bandwidth between 5351.5 - 5366.5 kHz on a secondary basis with a maximum power of 15 W EIRP (equivalent to 9.15 W ERP). This allocation was adopted at the 2015 World Radiocommunication Conference (WRC-15).
 - The NPRM leaves open the question of whether the existing five 60m channels can still be used for Amateur Radio operation as well as if the 100w power level may still be used.
 - The FCC has requested comments on the existing channel & power issues.
- In 2017, the ARRL petitioned the FCC to keep the four 60-meter channels that fall outside the new band, as well as the current operating rules, including the 100 W ERP limit.
- We asked folks to comment on this NPRM and urge the FCC to keep 1) the 4 existing channels and 2) the 100w power limit
 - The comment period closes on November 28th, 2023 - ET Docket No. 23-120.

60m Band Pending Changes



Current Allocation

- 100W ERP
- Five discrete 2.8 kHz channels
- Frequencies are what your display reads in USB



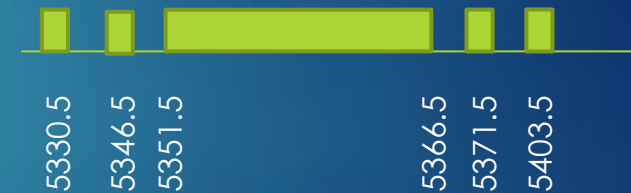
ITU WRC-2015 Allocation

- 9.15W ERP
- Single continuous 15 kHz span
- Four discrete channels eliminated (bottom 2 and upper 2)



ARRL Proposal

- 100W ERP
- Four discrete channels (bottom 2 and upper 2) plus continuous 15 kHz span



ARRL Foundation Club Grants



Grant Level	Grant Category							
	Membership & Recruiting	GOTA Programs, Ham & Skills Dev.	STEM Learning & Youth Outreach	EmComm & Public Svc. Training	RFI Resolution	UHF+ Spectrum Utilization	Club Stations	Club Revitalization
Level 1 Award (up to \$2K)	◆	◆	◆	◆				◆
Level 2 Award (up to \$8K)	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	
Level 3 Award (up to \$25K)			◆◆◆		◆◆◆	◆◆◆	◆◆◆	

- ARRL Foundation received \$500,000 in funding from ARDC
- ARRL Affiliation was not required
- Up to \$25k for club projects
- Projects to advance Amateur Radio in a transformational way

ARRL Foundation Club Grants



Applications

Tranche 1

- ▶ Total number of Applications: **128**
- ▶ Total amount requested: **\$1.7 Million**
- ▶ Number of Grants Awarded: **24**
- ▶ Total of Grants Awarded: **\$269,677.70**

Tranche 2

- ▶ Total number of Applications: **85**
- ▶ Total amount requested: **\$1.1 Million**
- ▶ Number of Grants Awarded: **21**
- ▶ Total of Grants Awarded: **\$240,954.64**

Total Awarded

- ▶ Total Grant Applications: **213**
- ▶ Total Amounts Requested: **\$2.8 Million**
- ▶ Total of Grants Awarded: **\$502,512.34**

21%
Applications
Funded

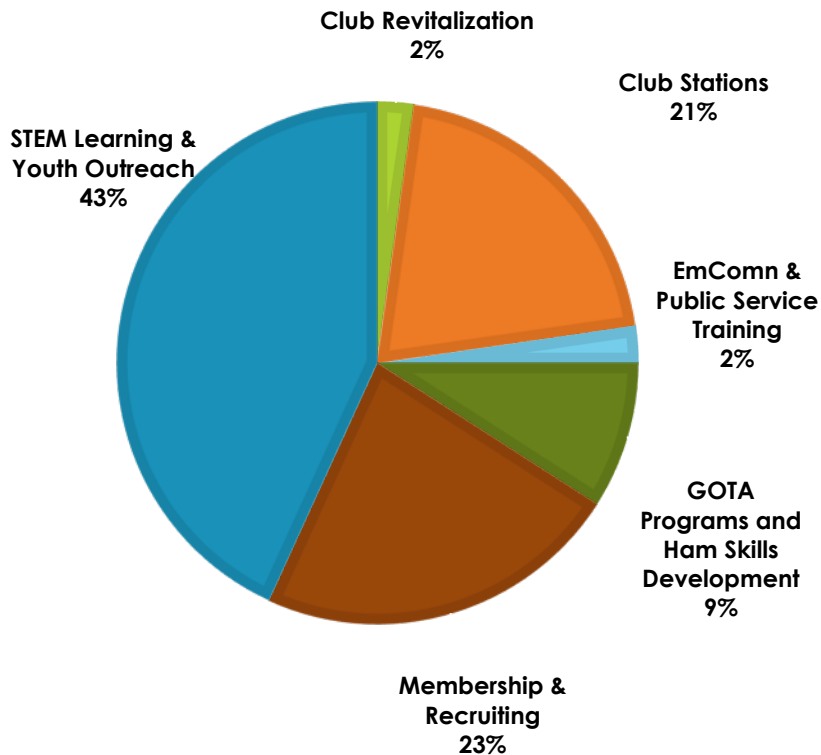
Total Funds Requested
\$2.8 Million

ARRL Foundation Club Grants

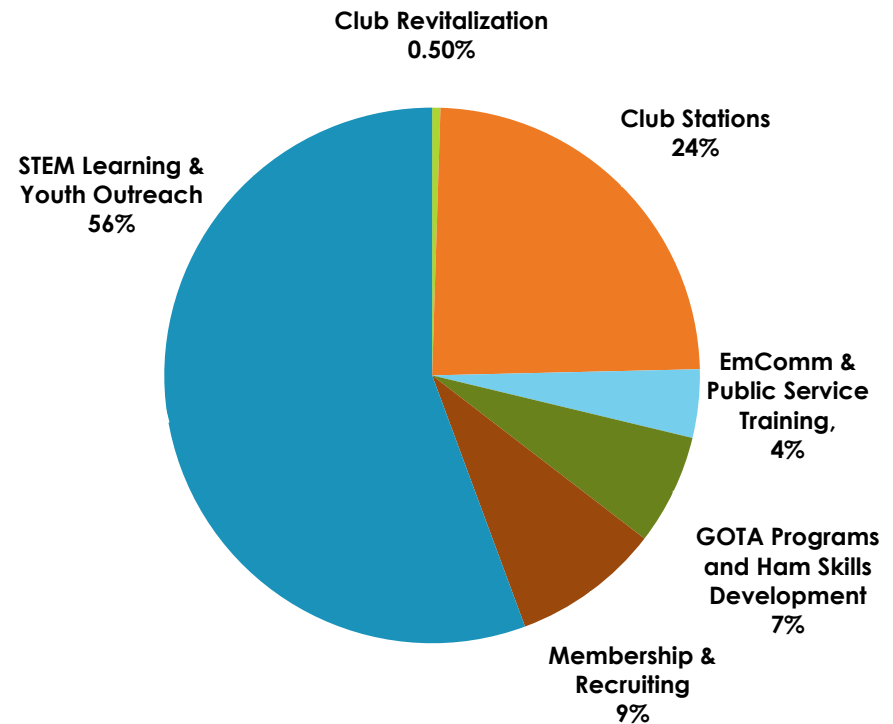


Awarded Grants

By Category



By Amount



NTS 2.0 And The NTS Letter



The NTS™ Letter

National Traffic System®

[ARRL Home Page](#)

[The NTS Letter Archive](#)

- [Welcome to the ARRL NTS Letter](#)
- [NTS 2.0 Project](#)
- [ARRL West Gulf Division Exercise Prepares for Welfare Traffic Ahead of Hurricane Season](#)
- [Spotlight: Frank Hobbs, KN4QJ](#)
- [NTS Shorts](#)
- [NTS Resources](#)
- [Sign up to receive The NTS Letter](#)

Welcome to the ARRL NTS Letter

Marcia Forde, KW1U, Section Traffic Manager – Eastern Massachusetts, Western Massachusetts, and Rhode Island

Welcome to the premiere issue of *The NTS Letter*! It has been a long time since ARRL sponsored a regular column or publication about the National Traffic System®. Now, thanks to the NTS 2.0 project and all the hard work of the NTS 2.0 teams, this is changing, and we are excited to bring you this monthly



- NTS 2.0 program goals include modernizing and improving support for the National Traffic System
- We've launch a new NTS Letter!
 - Opt In via your profile page on arrl.org (use the "edit" link)
- More information on the NTS 2.0 website – nts2.arrl.org
- Ongoing work includes:
 - Training development
 - ICS-213 handling
 - Updating standards and procedures
 - Modernizing recognition and awards
 - Modernizing Digital Traffic
 - and more!

Director Projects and Priorities



- **ARRL Board Committees**

- As chair of an **Administration and Finance subcommittee**, looking at ways to grow ARRL membership
 - Ham licensing and training programs
 - Assistance for Hams with time and/or budget limitations
 - Assistance with Remote Station technology and applications
- As chair of an **NTS subcommittee of EC – FSC**, working to realize updates and improvements for the National Traffic System
- As a member of the **Investment Management Committee**, setting up an oversight and guidance process for our Investment Manager
- Along with David Minster, our CEO and other board members and officers, working to update ARRL's strategy
- Ongoing support for ARRL Foundation's efforts on Club and Hamfest assistance grants

Vice Director Projects and Priorities



- **ARRL Board Committees:**
 - ARISS Committee
 - Radio Orienteering Committee (Board liaison)
 - Programs and Services Committee
- **Recent Meetings:**
 - January and July 2023 Board of Directors Meetings
 - Bi-monthly New England DVA meetings
 - Six radio club meetings per quarter
- **Additional Projects:**
 - NTS 2.0 Access and Delivery Team Leader
 - Northeast HamXposition Marketing & Promotion Chairperson
 - nediv.arrl.org webmaster

NE Division Communications



- **Cabinet Meetings** – held four in 2022, *three held in 2023, one more planned for later this year*
- **Town Hall Meetings** - three held in 2022, *three held in 2023*
- **Division Newsletter** view latest Beacon [here](#); Division Website updated daily
- **Club Meeting Attendance**
 - Director, Vice Director, and Asst. Director to attend at least 6 Club Meetings per quarter each
 - Visited 16 Field Day sites - [more at nediv.arrl.org](https://www.arrl.org/nediv)
- **Hamfests** – Plans for Hamfests and ARRL Forums
 - ✓ HAM-CON in VT – February 25th
 - ✓ Maine State Convention – March 24th and 25th
 - ✓ Spring NEAR-Fest in NH – April 28th and 29th
 - ✓ Dayton Hamvention – May 19th – 21st
 - ✓ HamXposition in MA – August 25th, 26th, and 27th
 - ✓ CARA Hamfest in CT – September 10th
 - ✓ Nutmeg Hamfest, CT State Convention – October 8th
 - ✓ Fall NEAR-Fest in NH – October 13th and 14th
- **Important: Please register your Hamfest for ARRL sanctioning and scheduling.**



NE Division Assistant Directors



Bringing Hams in the division together involved in the important areas to:

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

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

- **Rob Leiden, K1UI** – Assistant Director, Spectrum Protection and Use
- **Jack Ciaccia, WM0G** – Assistant Director, Emergency Comm. and Public Service
- **Anita Kemmerer, AB1QB** – Assistant Director, Mentoring and Ham Development



Jack Ciaccia
WM0G



Rob Leiden
K1UI



Anita Kemmerer
AB1QB



Q & A