

# Port City Amateur Radio Club

January 7 , 2026

PortCityARC@groups.io

[www.W1WQM.org](http://www.W1WQM.org)

Sunday 10 AM Seacoast Net – 3895  
kHz

Sunday 7 PM 2 M Net – W1WQM  
Repeater

*Happy New Year!*



Please Set Cell  
Phones to Silent



# Officers & Members Introduction

- Mark – K1RX – President, Trustee NM1JY
- Thom - K1TKT - Vice President
- Bonnie - N1IIM - Treasurer
- Mark – KC1UKO – Secretary
- Ken – N1RP – Trustee, W1WQM
- **NEW MEMBERS**
- Around the room introductions with your:
  - Name
  - Call (use phonetics)
  - Home Location
  - Club Office Held (if any)





# Coming Up Tonight

- **Chilli Cook off Dinner – Thanks! And vote for your favorite!**
- **Announcements**
- **Club Calendar**
- **Treasurer's Report**
- **Old Business**
- **New Business**
- **Lab Night Club Project**
- **Proposed 2026 Budget**
- **Lightning Rounds**
- **Intermission – 50/50 Tickets on Sale!**
- **Lightning Rounds**
- **Chili Cookoff Winner**
- **50/50 Drawing**
- **Motion to Adjourn**



# Announcements

- **Member License Upgrades**
- **Phillips Exeter Academy Club Station - progress**
  - **Prior to Christmas break - Mark, K1RX met with advisors, initial plans discussed – next visit: Roof top site walk with facilities personnel**
  - **Vertical, End Fed Halfwave use a Non-Pen roof mount**
  - **Radio**
  - **Plan to meet at Farrington's Barn (loaner gear pickup)**

# Coming Up Soon – Club Calendar

- **VE Test session – January 10**
- **ARES**
- **Winter Field Day Jan. 24-25 Hampton Beach**
- **POTA Activity**
- **Lab Night – Jan. 28 – TBD**

# Old Business

Flea Market Leadership – All Set – Thank you!

April 4, 2026 FLEA MARKET & VE Session at Hampton





A red pushpin is pinned to the bottom left corner of a blue sheet of paper, which is resting on a white surface. The pushpin is gold-colored with a red plastic head.

# New Business

**New Web Master – Jeff, K1EOE**

**Thank You John, AJ1D – job well done!**

**Searching for a New Treasurer – Nominations Open**

**Special Service Club Application**

**Lab Night Club Project**

**Any other NEW Business?**



# *New Business* - ARRL Special Service Club

- A club that goes above and beyond for their communities and for Amateur Radio is what defines a Special Service Club (SSC).
- Receive special recognition in QST
- Eligible to appoint local Awards Managers
- 6 Areas of Focus (Application requests our plan)
  - New Ham Development and Training
  - Public Relations
  - Emergency Communications
  - Technical Advancement
  - Operating Activities
  - Special interests and activities

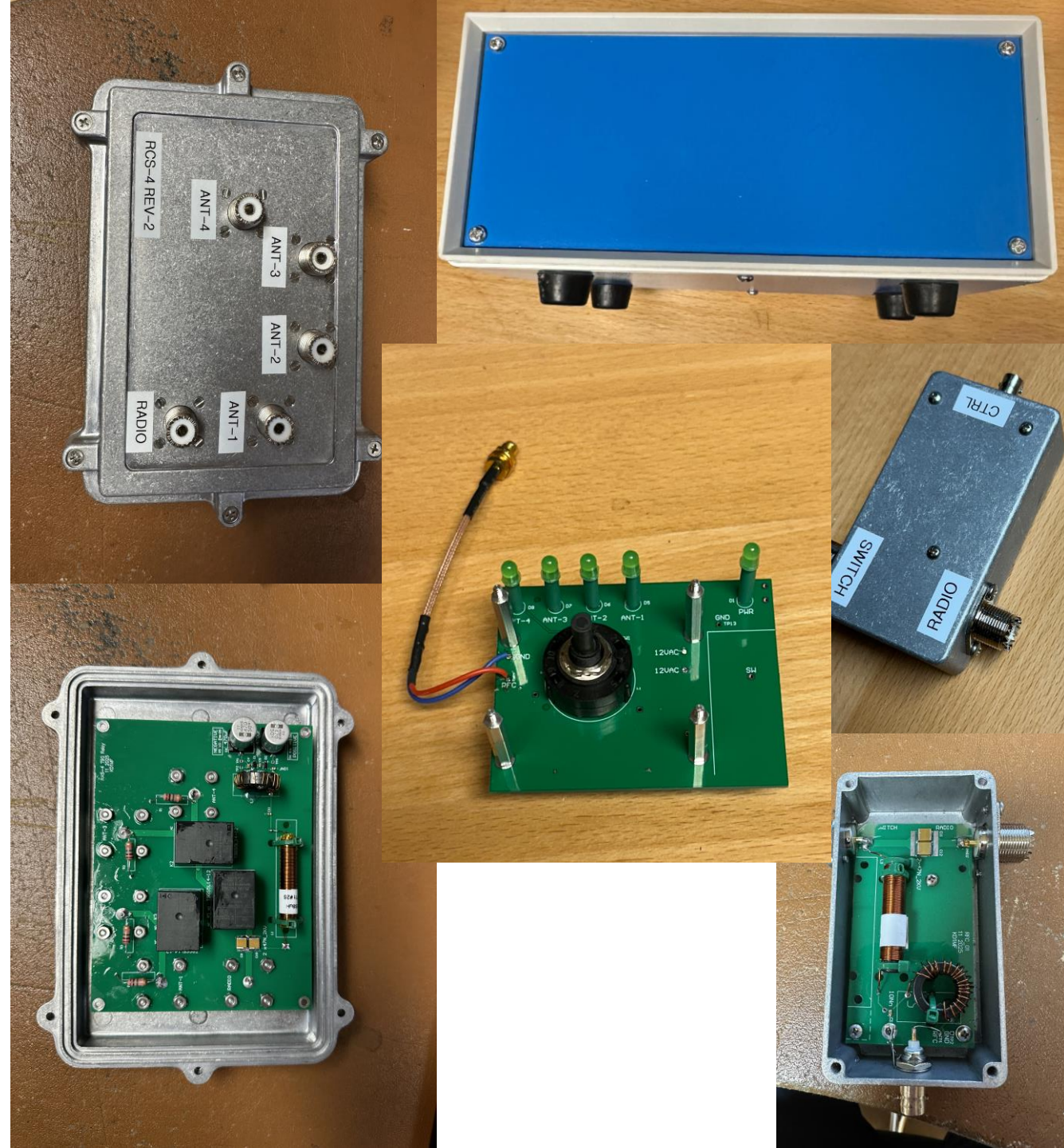
# *New Business* – Proposed Club Project

## Remote Antenna Switch replacement RCS-4

- Meets the club Lab Night requirements
- Potential commercial opportunity for the PCARC
- Kit form, reasonable cost package

# Welcome to the 4 Port Remote Antenna Switch (RAS-4)

- This is an updated, from the ground-up remake of the classic RCS-4 design.
- Like its predecessor, there are no control wires. Just a coax feed from your shack to the antenna field!
- Tested at Full Legal Limit for 160 through 6 M.
- Lower insertion loss, high quality relays, with a moisture-proof outside relay box that is more weather-resistant.
- Computer control (Remote), PTT protection feature to protect amp (future) Only control box is replaced with upgrade
- Convenient 3- piece design: Controller - small footprint on table – box with rotary switch/LEDs and thin cable to the RFC (voltage injector), external box 4 antennas
- Best of all, this is being offered in a kit format, at an affordable price.



# Who designed the RAS-4? – Joint PCARC, YCCC project

- A New-England based, all-Amateur Radio team including:
  - Misha Filippov (**KD1MF**) – Retired EE with Drone and product designer, with extensive experience and connections in PCB layout and design, veteran contester and member of YCCC
  - Alex Flippov (**WK1O**) – Veteran contest station designer, also with an EE background. Member, YCCC
  - Mark Pride (**K1RX**) – Experienced RF product designer and contester, President of PCARC and past President of the Yankee Clipper Contest Club
  - Thom Rossi (**K1TKT**) – Motivated customer, Promotion, Vice- President of PCARC and member of the YCCC, Contester and avid POTA activator.
  - Devon Francis (**KC1SDD**) – Youth contester, member of PCARC and YCCC, with experience in 3D printing & Design, Web Development, and JS programming.
  - Kirby Francis (**KC1RWR**) – Contester, member of PCARC and YCCC, Project Manager



# Test Results

High Power Results at 50.3MHz:

Antenna	Frequency	PWR_out(W)	SWR(PA)	P_Loss(W)
1	50.3MHz	1250	1.08	<50W
2	50.3MHz	1250	1.08	<50W
3	50.3MHz	1250	1.07	<50W
4	50.3MHz	1250	1.04	<50W

High Power Results at 1.84MHz:

Antenna	Frequency	PWR_out(W)	SWR(PA)	P_Loss(W)
1	1.84MHz	1150	1.07	10
2	1.84MHz	1150	1.08	10
3	1.84MHz	1150	1.07	10
4	1.84MHz	1140	1.07	20

# What comes in the kit?

- All three boxes, instructions, PCB's, and the components necessary to create one Switch, RFC, and Relay Box set.

# Can I get help assembling my RAS-4?

- While these kits are being designed to be beginner-friendly, we plan to offer a “lab night” (more than one if necessary) for local hams wishing to be guided through the assembly process.

# How do I order a kit?

- A first-come, first-served preorder list is now being compiled by Mark (K1RX) and Thom (K1TKT). The initial order is currently limited to 50.

# Proposed PCARC Budget

2026

# *Lightning Rounds*

**POTA Vision – K1TKT**

**Winter Field Day – K1TKT**

**Upcoming Contests – KC1UKO**

**--Break--**

**Zoom – Radio Talk – AA1IT**

**WAS – 250 Award Program – KC1WNM**



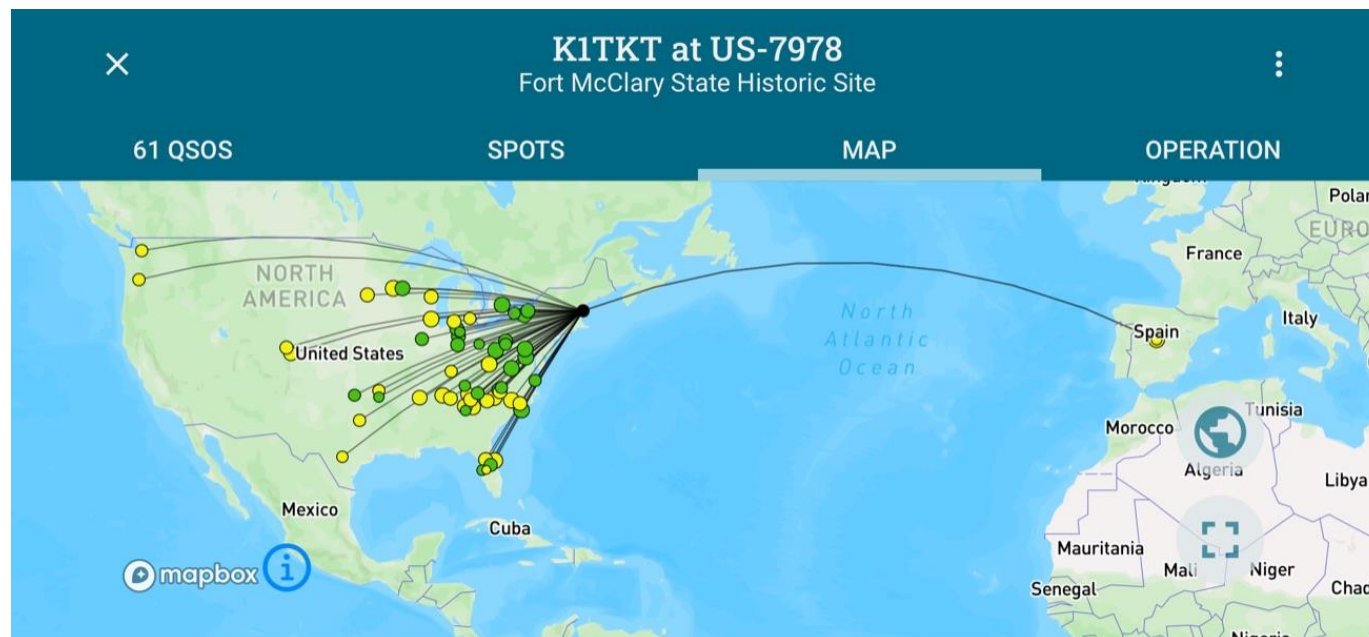
# *Lightning Round*

## POTA Vision

Thom, K1TKT



# POTA Vision 2026





# PCARC will become a **resource** and a **magnet** for POTA operators in Southern New Hampshire

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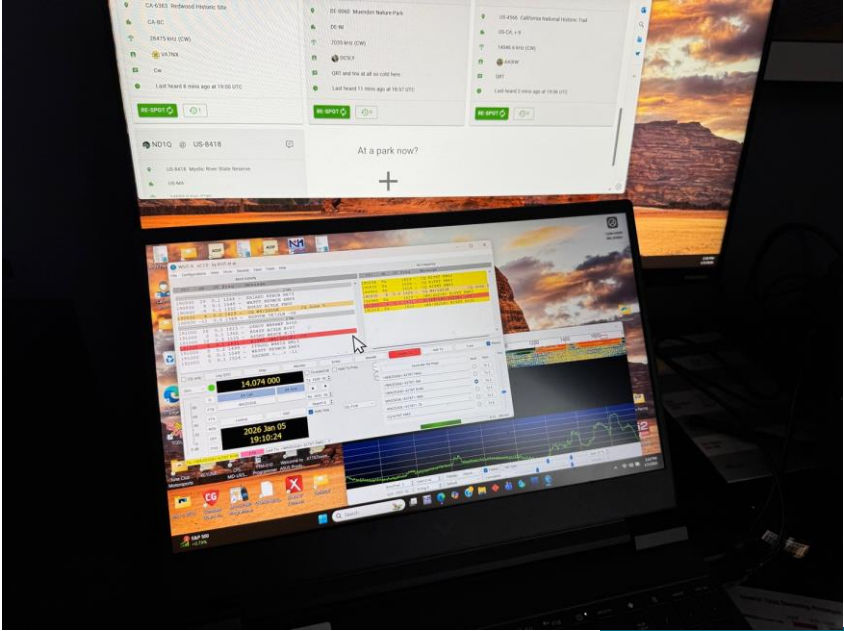
- Learn from each other
- Attract new PCARC members
- Attract new HAMs to the hobby
- Utilize & Improve club equipment
- Organize fun challenges and events with social elements
- Integrate with other club activities – add to web page and QRZ page





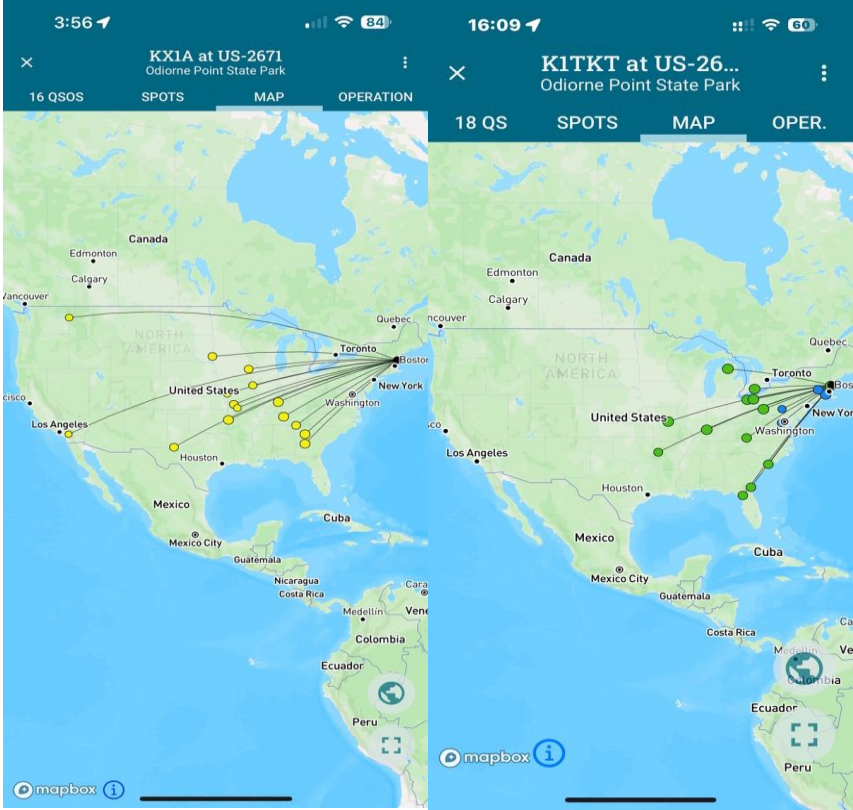
# Expand Our Operating Skills

## Simple QSO Script for CW Beginners



All modes, including data

Learn Propagation as a function of band, antenna, and time of day.





# Exciting POTA Events Ahead

## Upcoming Special Activations

There will be unique opportunities to join special POTA activations in the next few months, offering engaging experiences in parks.

## Community Meetups and Collaboration

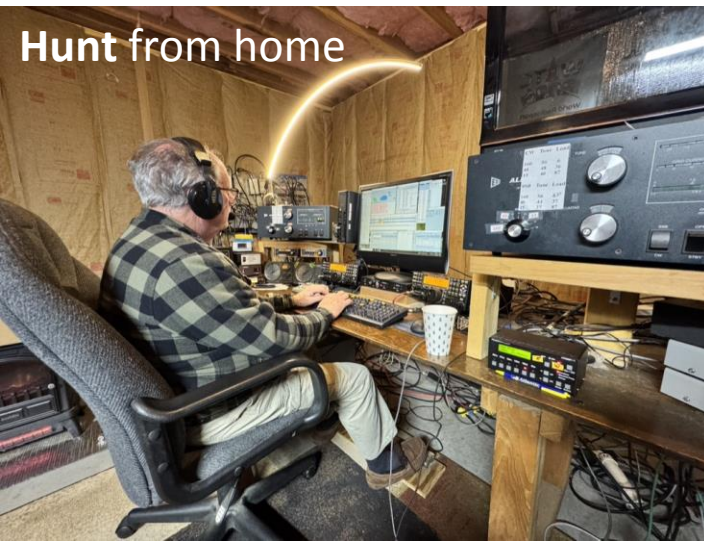
Community meetups will allow participants to connect, collaborate, and share on-air experiences, enhancing the spirit of POTA events.

## January 2026

### New Year Hunter/Activator Awards Jan 1-7

### Support Your Parks Winter Event Jan 17-18

### Winter Field Day – POTA Jan 24-25



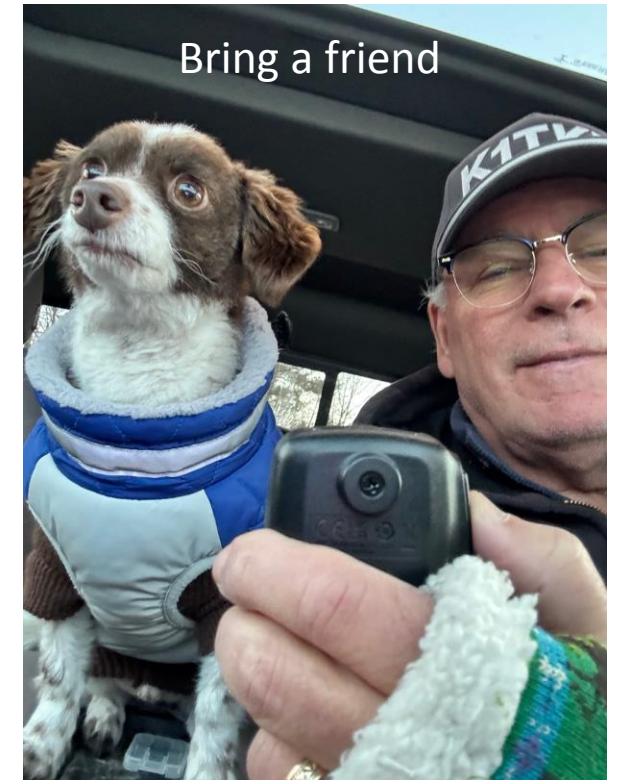
Hunt from home



Activate in the wild



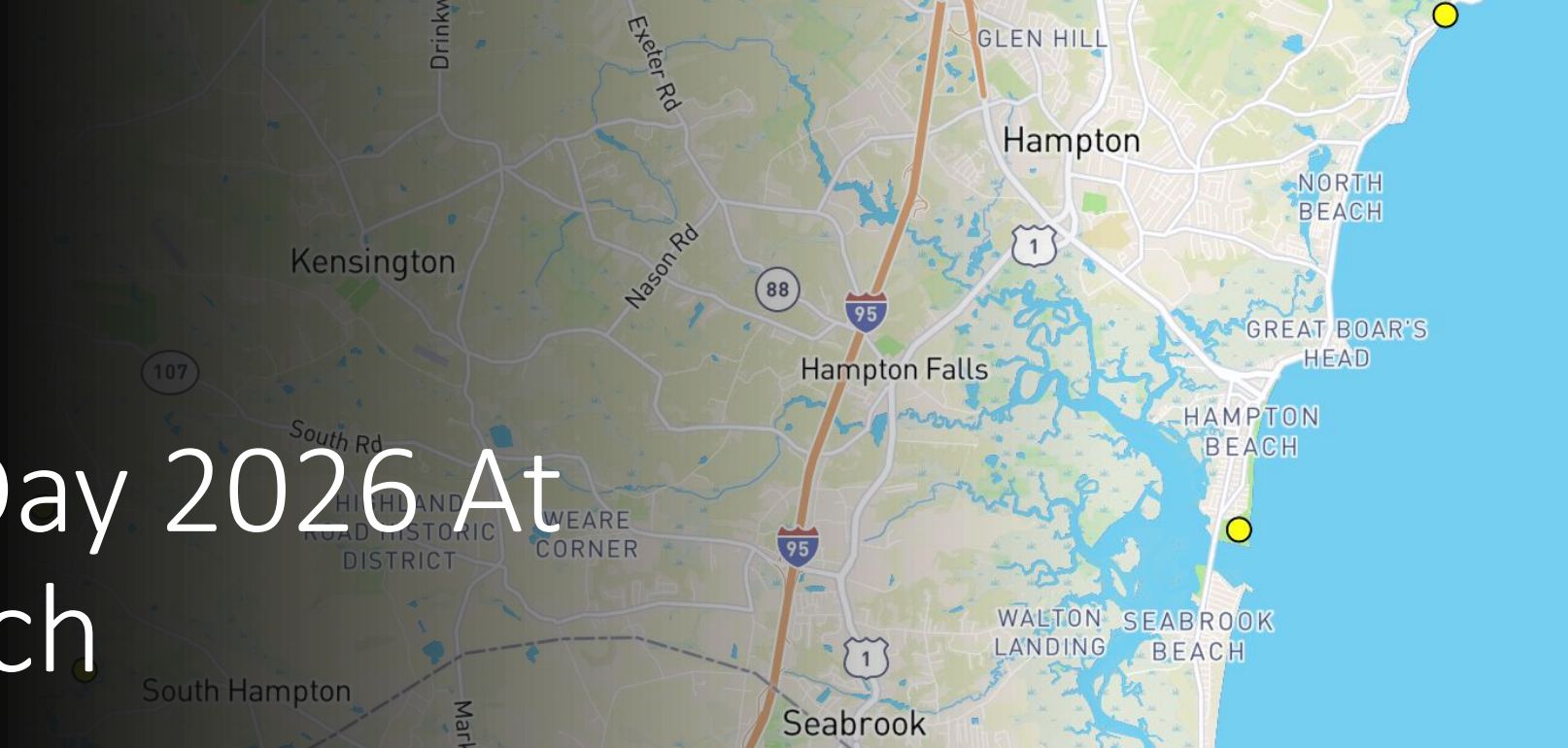
Be a ROVER – Take A POTA Road Trip



Bring a friend



# Winter Field Day 2026 At Hampton Beach



[Employment](#) [Group Use & Events](#) [Trails Bureau](#) [Pay a Ticket](#) [Make a Donation](#) [Store](#)

[PARKS & TRAILS](#) [CAMPING & LODGING](#) [THINGS TO DO](#) [FEES & RESERVATIONS](#)

<https://winterfieldday.org/downloads/2026-rules-v3.pdf>

HAMPTON BEACH STATE  
PARK





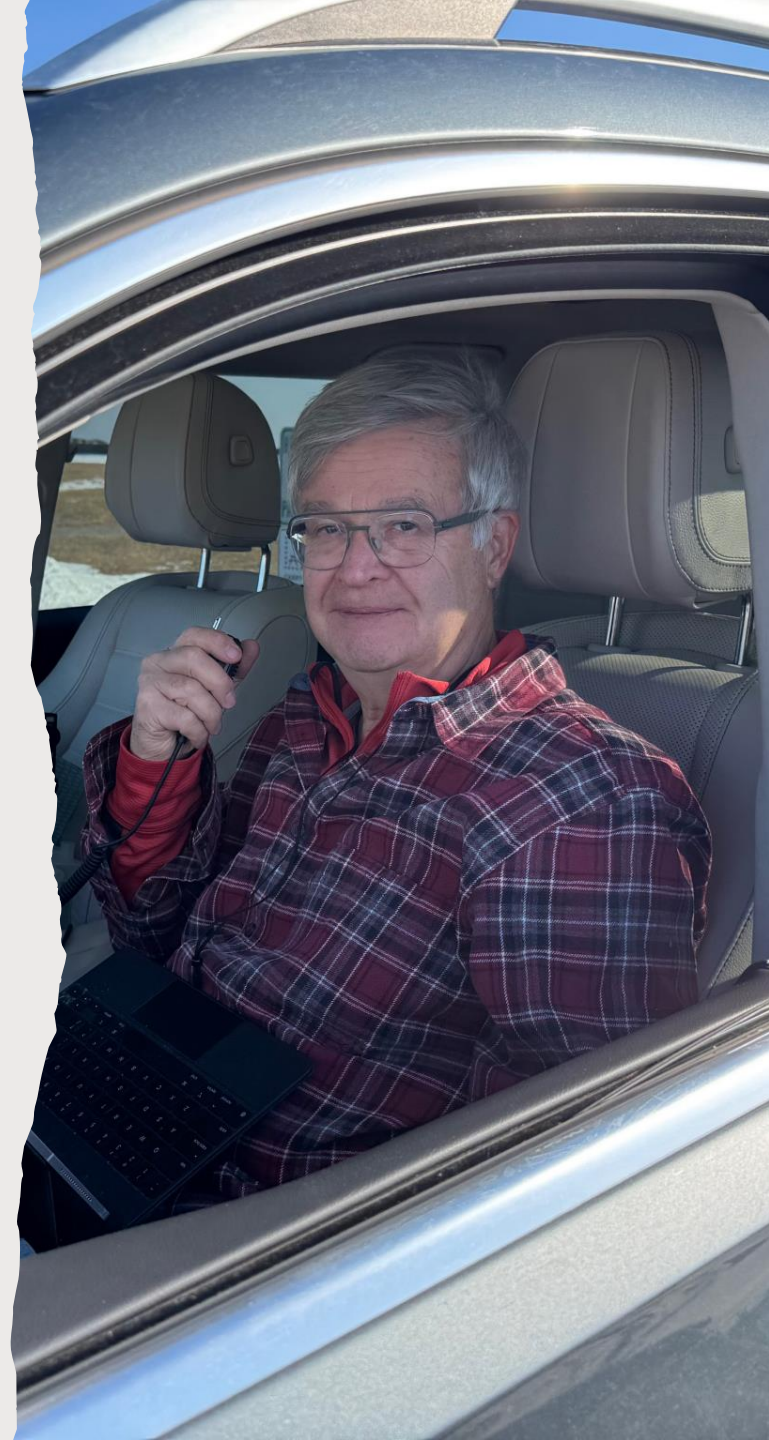


## 2025 Recap

- Few Operators
- Individual Efforts
- Wallis Sands Beach
- WRL logging app troublesome

## 2026 Concepts

- More Operators – ***All members invited***
- Club Effort
- Hampton Beach – POTA combo
- Log as W1WQM with individual operators in log
- Club GOTA stations, planned antennas for 6 bands
- Logistics details to be posted on groups.io site



# ***Lightning Round***

## **January Contests**

Mark, KC1UKO

World Wide Award all month (WWA)

- North American QSO Party (CW) – Jan 10 18Z to 0559Z Jan 11
- North American QSO Party (SSB) - Jan 17 18Z to 0559Z Jan 18
- CQ 160-Meter Contest (CW) – Jan 23 22Z to 22Z Jan 25
- Winter Field Day - Jan 24 16Z to 2159Z Jan 25

State QSO Parties Start February 7th

Plus many others. Checkout [www.contestcalendar.com](http://www.contestcalendar.com) for more information.





Buy your 50/50 Tickets  
Return in 20 Minutes



# *Lightning Round* Radio Talk

Jamie, AA1IT

Via Zoom

# *Lightning Round*

WAS – 250 Operating Event

Sully, KC1WNM



A Year-Long Worked-All-States Operating Event Celebrating the 250th Anniversary of the signing of the Declaration of Independence.

The ARRL is celebrating a year-long Worked-All-States operating event celebrating America's 250th Anniversary.

There will be week-long activations of portable W1AW/portable stations in all 50 states, and in several US Possessions/Territories, that will generate on-air activity to achieve this unique WAS Award.

**KC1WNM – Sully ACC**

K1RX Mark, KC1SOW Mark, Mark KC1UKO,  
Ken N1RP, AJ1D John, Jeff KC1TEM



Represents!!!!



# NH Activations - W1AW/1



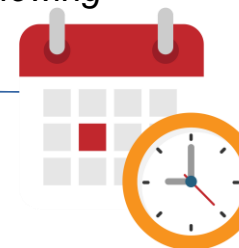
**APRIL 29, 2026 -- MAY 5, 2026**

\*\* NEARFest May 1<sup>st</sup> and 2<sup>nd</sup> – permission to operate

**SEPTEMBER 16, 2026 -- SEPTEMBER 22, 2026**

\*\* NH QSO Party September 19<sup>th</sup> and 20<sup>th</sup>

*Activation operation window: Wednesday at 0000 UTC and running through the following Tuesday at 2359 UTC*



Activity is encouraged on as many bands (including WARC band) from 2200 Meters LF through all of HF; all of VHF/UHF/SHF, all of the Microwave bands and via Light (excluding 60 Meters), on each of the three modes (CW/Phone/Digital)



## What's Next ?

- \* Operator schedule/reservation platform
- \* Email campaign to NH affiliated clubs
- \* Get the word out!!



# Main Topic

Chilli Cookoff

The Winner



50/50 Drawing

# Motion to Adjourn

Please set your cell phones to “annoy me” once again.