

Port City Amateur Radio Club

January 7 , 2026

PortCityARC@groups.io

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





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

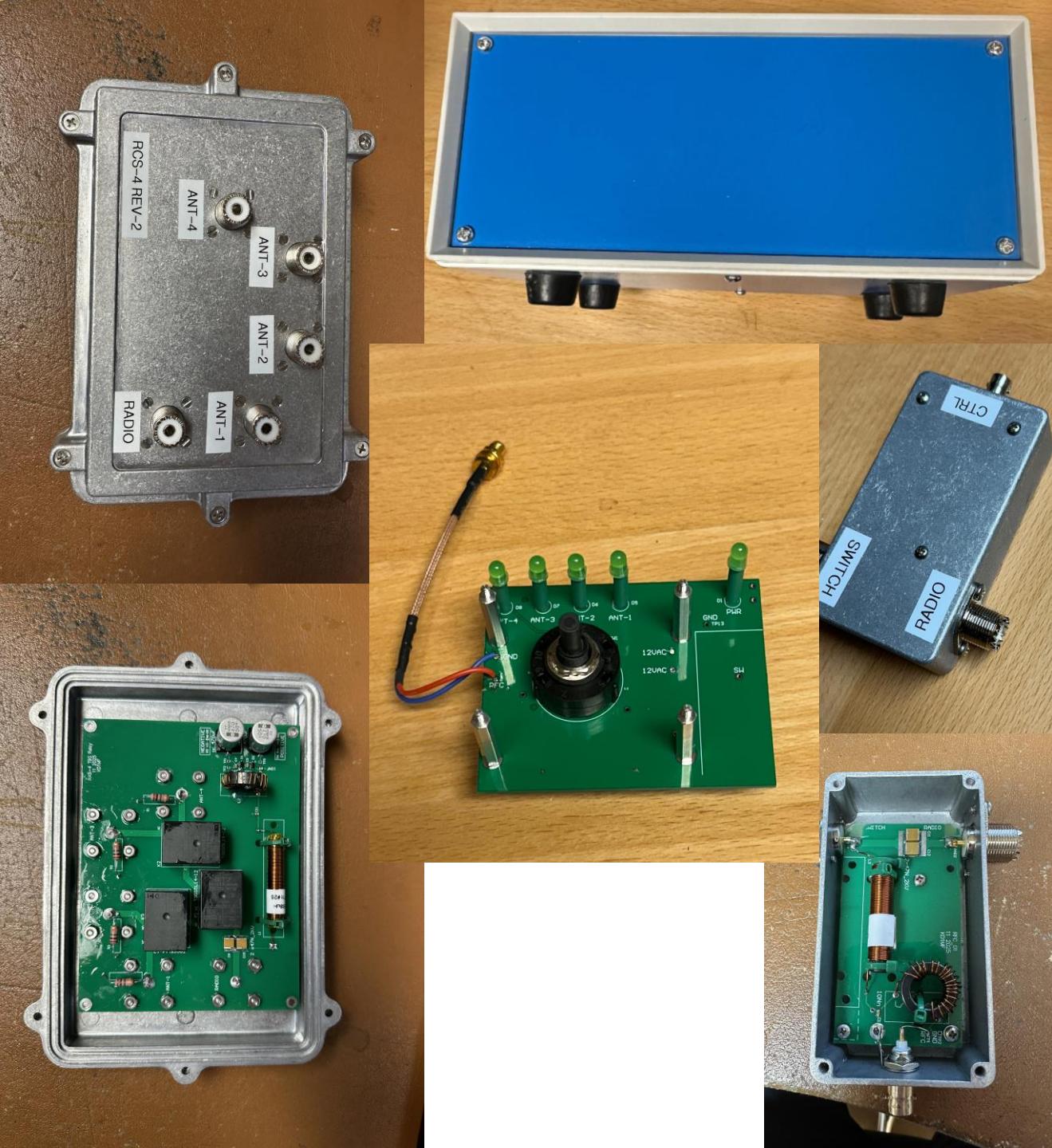
New Business – Proposed Club Project

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 contesteer, 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, Contesteer and avid POTA activator.
 - Devon Francis (**KC1SDD**) – Youth contesteer, member of PCARC and YCCC, with experience in 3D printing & Design, Web Development, and JS programming.
 - Kirby Francis (**KC1RWR**) – Contesteer, 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



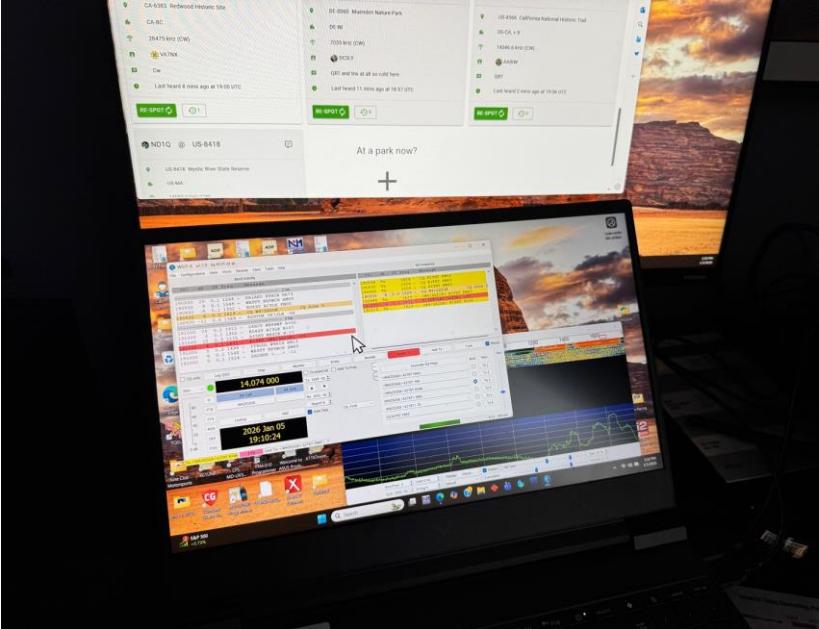
PCARC will become a resource and a magnet for POTA operators in Southern New Hampshire

- 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



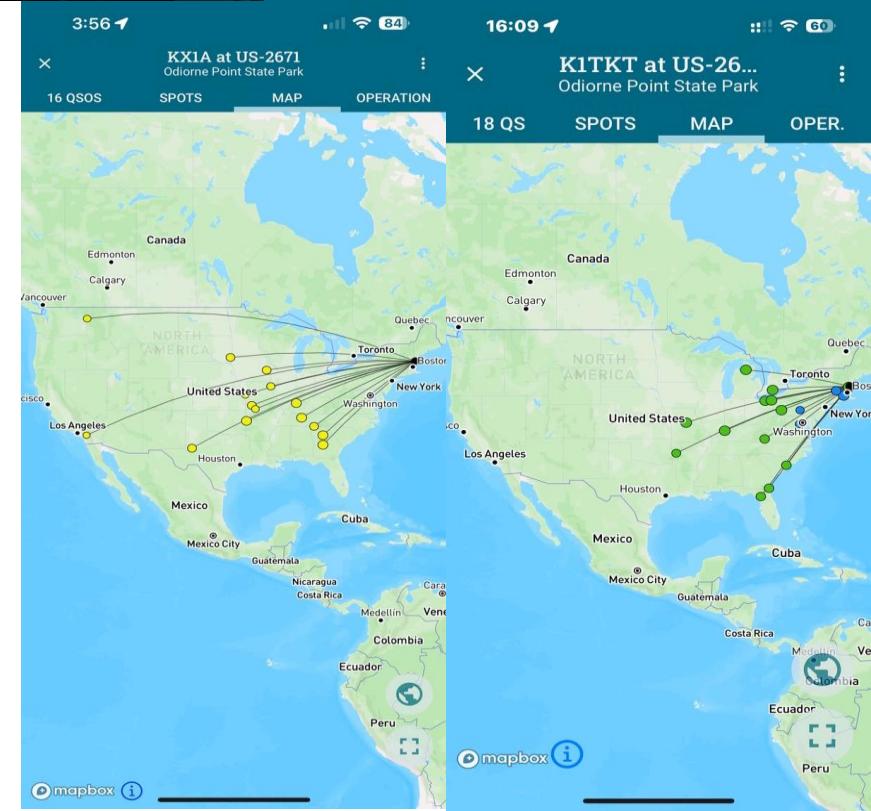
Expand Our Operating Skills

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

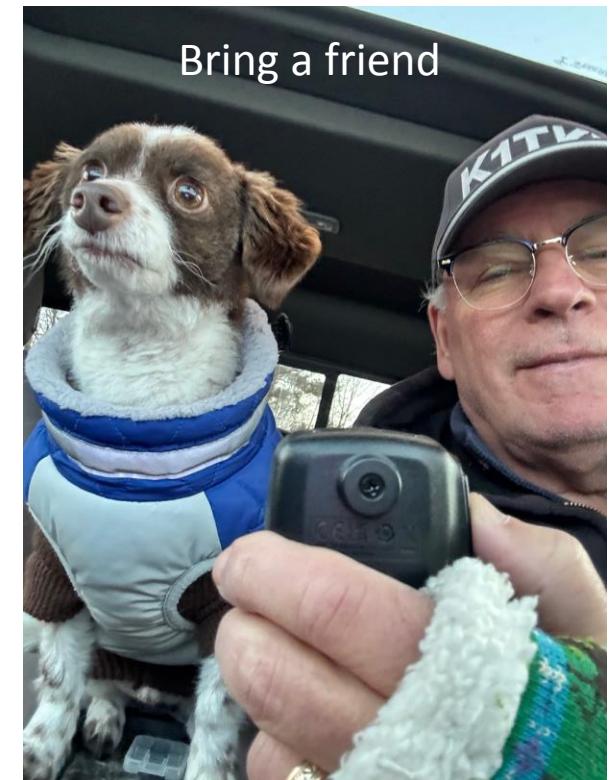
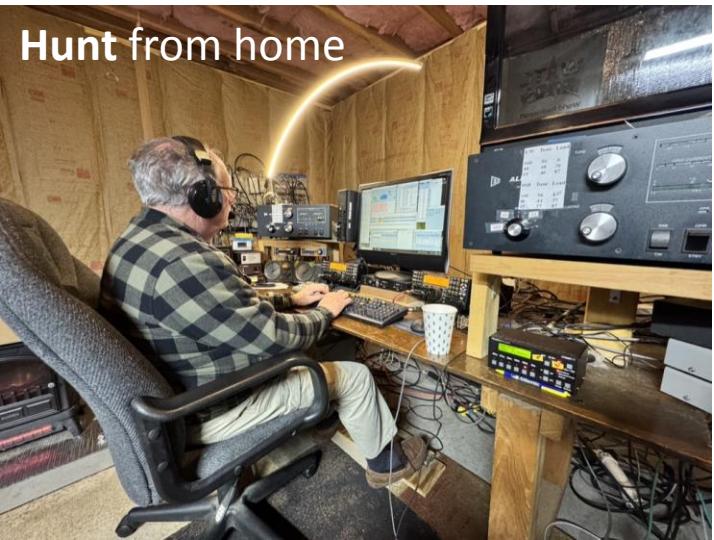
Community meetups will allow participants to connect, collaborate, and share on-air experiences, enhancing the spirit of POTA events.

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



Winter Field Day 2026 At Hampton Beach

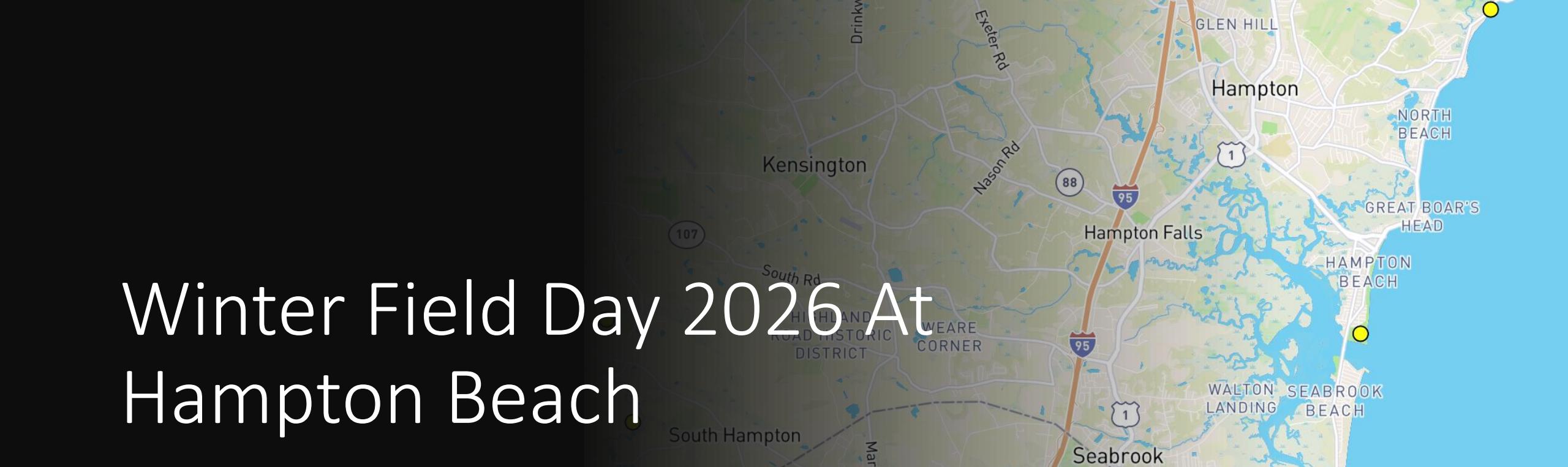


Employment Group Use & Events Trails Bureau Pay a Ticket Make a Donation Store

PARKS & TRAILS ▾ CAMPING & LODGING ▾ THINGS TO DO ▾ FEES & RESERVATIONS

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

HAMPTON BEACH STATE
PARK



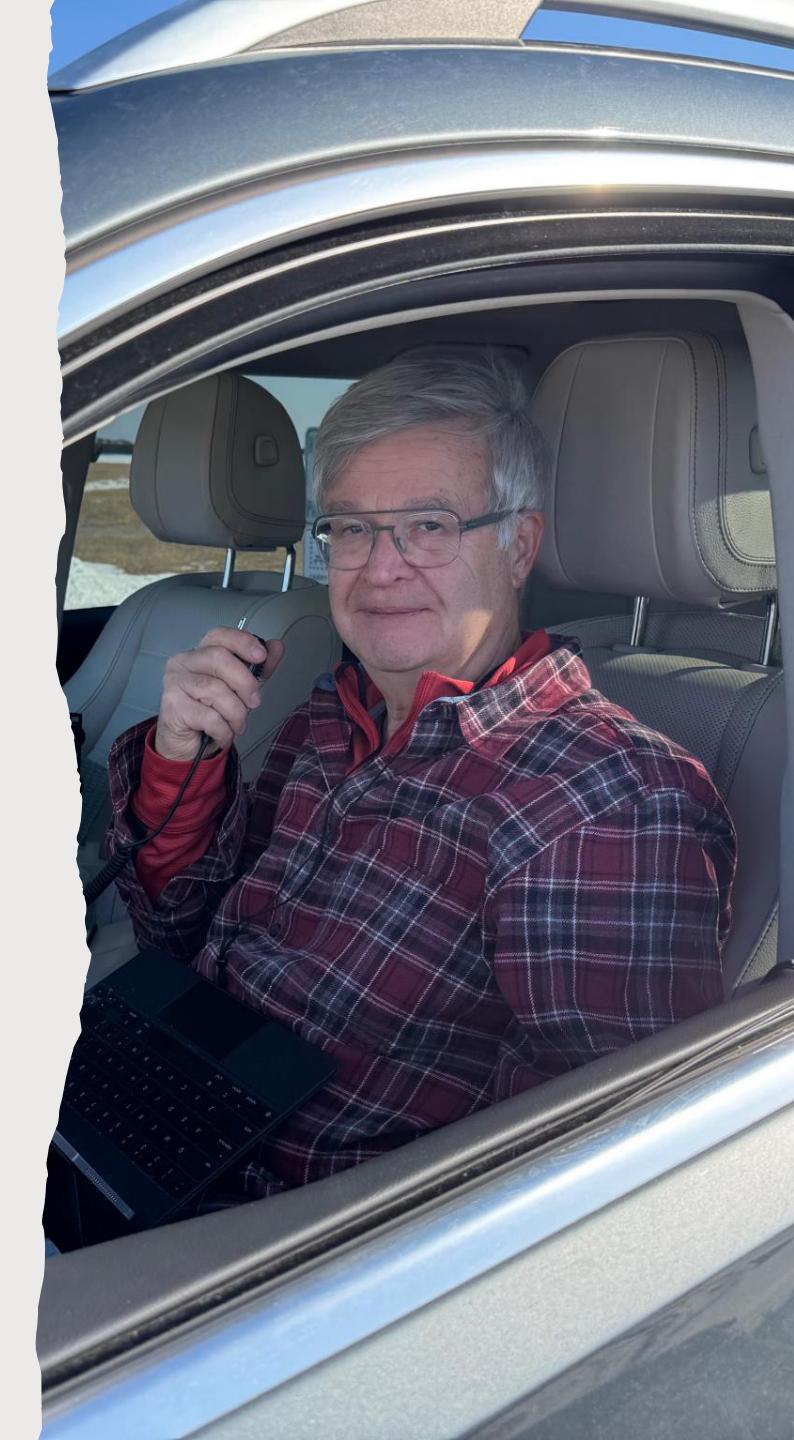


2025 Recap

- 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 for more information.

IT'S
**INTERMISSION
TIME!**



Visit Our *Snack Bar!!*

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



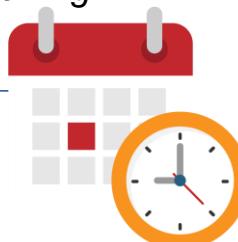
APRIL 29, 2026 -- MAY 5, 2026

** NEARFest May 1st and 2nd – permission to operate

SEPTEMBER 16, 2026 -- SEPTEMBER 22, 2026

** NH QSO Party September 19th and 20th

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)



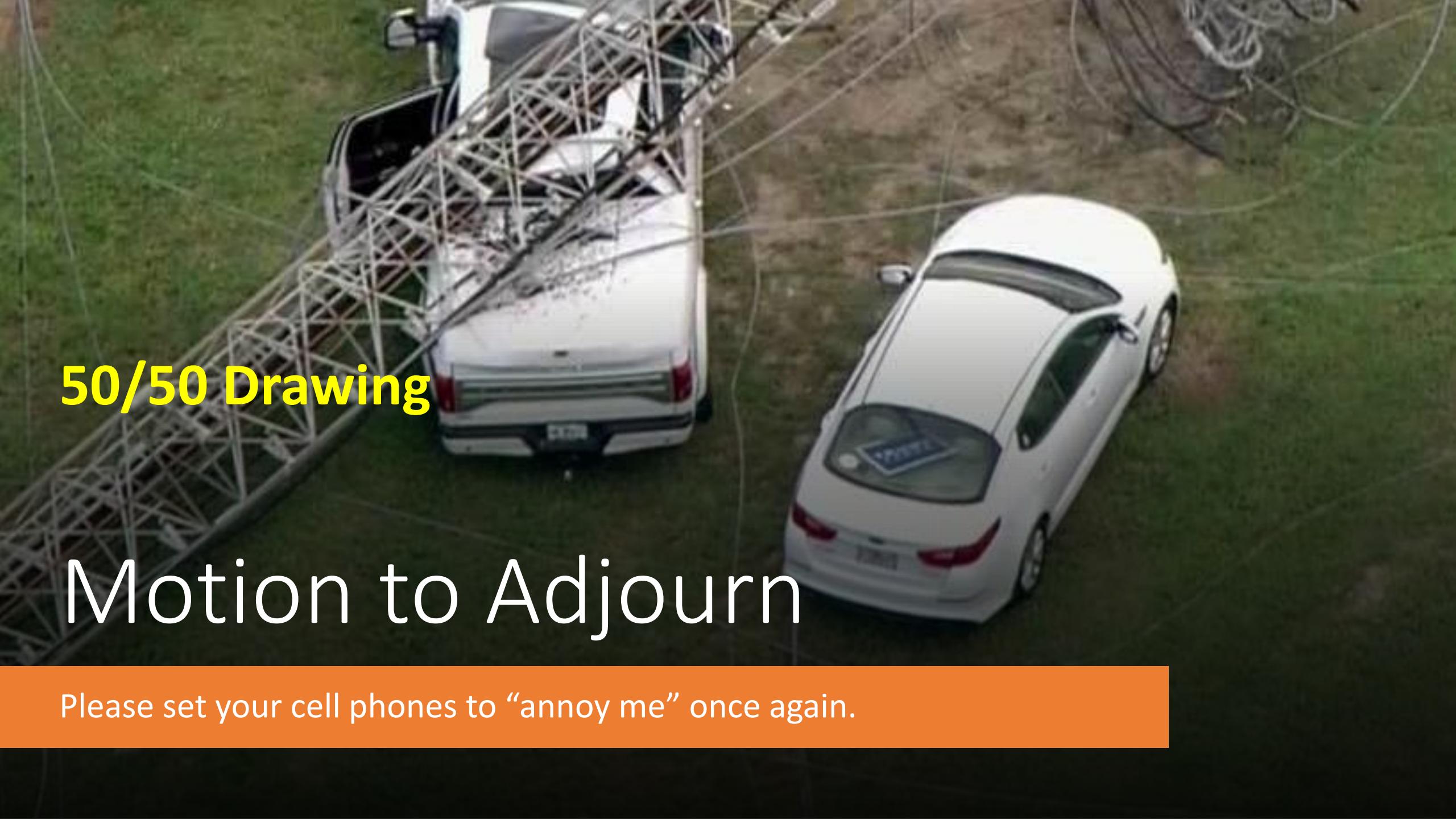
What's Next ?

- * 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.