



Capers

March - 2025

The Monthly Newsletter of The Candlewood Amateur Radio Association

Mailing Address: 120 Fire Hill Road Ridgefield CT 06877.

Visit us on the Web at <http://www.cararadioclub.org>

Editor: Daniel Fegley – W1QK w1qk@snet.net

Monthly Program/Activity Meeting: Thursday, March 13

In-person at Stony Hill Vol. Fire Dept., Rte. 6, Bethel

Doors open at 7:00 pm. Meeting begins promptly at 7:30 pm.

Win Link How-To & Demo on HF and VHF: John – W1JMA

Donated Equipment Silent Auction to benefit CARA Treasury: Bring cash



Stephanie– KC1UZC and Dave – WA1JGA

CARA Club Table – CARA Hamfest: Danbury PAL 9-10-2023 Photo: W1QK

- **Welcome**
 - Pledge of Allegiance
 - Attendee Introductions
- **Announcements**
 - Club Table at Southington Hamfest Sunday 3/30
 - Any interest in Operating W1AW First Sunday in May for the NE QSO Party?
 - **Program/Activities Meetings moving to 2nd Thursday of month at 7:30 SHFD**
 - **Business Meetings moving to 4th Thursday of month on Teams**
 - Upcoming Events
 - POTA or Club Stations on the Air- Saturday 3/22 WX permitting
 - Pasta Night Tuesday 3/18 6pm Vespucci Lodge
 - Good of the Order
- **Tonight's Program/Activity**
 - **Silent Auction for Club Table Items**
 - **How and why, I got into WinLink: John - W1JMA**

President's Message

de W1NSK



[CARAW1QI] Maybe We should consider doing something!

att.net/Inbox

Bud W1NSK via groups.io

From: w1nsk@hotmail.com@groups.io

To: caraw1qi@groups.io



Momentum is building for ARRL's Ham Radio Open House — an amateur radio event for clubs to put their most technological foot forward and show the public the true modern state of amateur radio. The events are to be held in April across the United States, on or close to World Amateur Radio Day (WARD) on April 18. This year's WARD commemorates 100 years of the International Amateur Radio Union (IARU).

The goal for participation is 50 clubs in 50 states — but the more the merrier. ARRL is working with Ham Radio Science Citizen Investigation (HamSCI and SciStarter to promote the event as part of April being Citizen Science Month.

“We’ve had a lot of clubs express interest and commitment to be a part of Ham Radio Open House,” said ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX. “Thanks to some great volunteer outreach efforts, clubs are seeing the value of showing off the true current state of amateur radio,” she said.

Many other clubs in overlapping hobbies are being engaged. Several astronomy clubs have agreed to partner with local ham clubs to co-host the event.

A public information training workshop will be held for ARRL Public Information

Coordinators, Public Information Officers, Section Managers, club leaders, and others with an interest in hosting and promoting an ARRL Ham Radio Open House. The live, interactive, webinar is scheduled to be held on Wednesday, March 19, 2025, at 8:30 PM Eastern / 5:30 PM Pacific. Look for a registration link next week.

Plan your Ham Radio Open House in April using the resources and tips at [www.arrl.org/world-amateur-radio-da](http://www.arrl.org/world-amateur-radio-day)

Bud - W1NSK

CARA President

http://www.arrl.org/world-amateur-radio-day?utm_source=Informz&utm_medium=Email&utm_campaign=ARRL&zs=qk9xl&zl=hQVG3



CARA Has been an ARRL Affiliated Club since 1946 – 79 Years in 2025

Vice-President's Message:

de W1JGM



Welcome to March and Daylight-saving time. Did you remember to change all your clocks? The extra daylight and the end of the day will be a welcome change.

Outdoor and other events will start to be welcomed in March. Starting with the Program meeting March 13 at 700PM at the Stony Hill Fire Dept. the topic will be Win-link on VHF-UHF-HF.

On March 18 we will meet at the Vespucci Lodge for Pasta Night dinner at 6:00 pm. This is a good night to get out, have dinner, and enjoy good company.

On March 22, John- W1JMA and Steve - W1SMS will again open their stations for members who would like to learn and operate their HF station and ask questions.

Our General Class is ongoing Sunday evening on MS Teams and going well. We meet at 8:00 PM.

We will be back to our monthly POTA activations soon. Look for other events in your E-mail or on the CARA website.

There were several HF Contests in the last few weeks. If you participated, I hope you picked up a new country or two and had a great time. There's several more coming in the next few weeks. With the extra daylight and hopefully warmer weather, this is the time if your antenna requires some attention.

CARA is looking for donations of amateur Radio-related equipment to be used to fund the club by selling at a local hamfest. This is a good way to get a tax deduction and support the club.

As always, remember this is your club.

John Morelli – W1JGM
CARA Vice-President



CARA is an ARRL-Designated
Special Service Club
ARRL SSC recognition renewal application
approved: March 2024

February 27 - Monthly Business Meeting Minutes

de CARA Secretary/Treasurer, John Ahle - W1JMA



CARA Business Meeting February 27, 2025

The meeting was called to order by Bud, W1NSK at 7:38pm. There were 10 members present, and quorum was met.

The January meeting minutes as printed in CAPERS were accepted. There was a brief discussion about correspondence from the winner of the HRO 2022 gift certificate. He had not used the GC and the HRO \$50 credit was applied to purchases made by CARA for the 2024 Field Day. It was decided to send him a check for \$50 if he so desires. Waiting for his response.

The Treasurer's report as printed in CAPERS was accepted. There are currently 49 full members as of this meeting. There are 4 Auxiliary members.

Those Auxiliary members will be notified of their new status.

\$5k in a Union Savings Bank CD will mature in March. Per discussion it will be rolled over for another 5-month period.

Repeater Committee:

Steve W1SMS sent a written report on the status of our repeaters. W1JMA read the report to those in attendance. No permanent home has been found to host the 2m and 440 repeaters at this time.

Bud commented that we need to be off the mountain by the end of May the latest given the March deadline imposed by the mayor's office. John- W1JGM and Dan- W1QK have volunteered to activate the 220 repeater from the New Fairfield Fire Department ASAP.

The written report noted that Mark-N1MG is working on a 6m beacon system using one of the club's 756 Pro3 radios from the Exit 2 Innovation Center location that CARA has permission to use the roof for potential repeaters.

Administrative Committee:

- **Website:** Stephanie – KC1UZZ, reported that the domains are moved and all working well at this time.
- **Capers:** Dan – W1QK, reported that the deadlines are approaching for publication.

- **VE:** Jon – AJ1U, was not at the meeting, but there is a scheduled VE session this Saturday 3/1. Bud discussed the need to form a new team for 2026 to implement the changes required by the ARRL VEC.
- **General Class:** John -W1JGM reported that there are 3 hams attending the General Class at this time. It is expected that the class will finish at the end of April or early May.
- **Club Station at the Innovation Center:** Steve-W1SMS, noted in his written comments that the City vote to approve the Innovation Center at exit 2 is this coming week.
- **Program:** We will decide if we will have a POTA or Club stations on the Air in March at the meeting on the 13th. WX will determine this operating event.

Fundraising Committee:

The club has and continues to solicit donations of equipment for a club table at the Southington Hamfest and for a silent auction at the March CARA program meeting. Some equipment and other items donated by Dick Aarons will be at the March Meeting. John- W1JGM is working with Terry – N1ACI (Southbury) who has other items that will be listed in CAPERS for the silent auction and brought to Southington.

Old business:

- The nominations committee consisting of the 2 current board members are to provide a slate for the next 2-year term for the April Business Meeting and a replacement for the vacant board seat as soon as possible.
- Lend: Ed-KC1URY has expressed interest in borrowing the 2nd 756p3 this spring once he can put up an antenna and ground system.

New Business:

- **March Program**
 - Silent Auction of Club Table items before Southington Hamfest
 - John W1JMA will do a presentation on how and why he got into WinLink and demo both HF and VHF WinLink

Bud solicited feedback from the group for a program in April and May. June will focus on Field Day.

Bud solicited feedback for interest in operating W1AW during the New England QSO party in May. He will bring this up at the program meeting.

Announcements:

- Dayton Hamvention May 16-18

Good of the Order

- Microsoft 365 available to Full club members

Adjournment and next meeting

- The next program/activity meeting is Thursday March 13.
- The next business meeting is Thursday March 27 on Teams
-

The meeting was adjourned at 8:45pm

CARA Treasury Report February 28, 2025

Income:	Full Member Dues	\$655
Income:	Interest Income	\$ 0
Income:	Donations	\$10
Income:	Sale of Donated EQ (net)	\$628.05

Total Income: \$1293.05

Expense:	PayPal Fees	\$14.72
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Expense:	Website/Hosting Fees	\$46.34
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Total Expense: \$61.06

Net Income for Period \$1231.99

Cash: Checking-Unrestricted	\$6,386.66
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Cash: Checking-Restricted	\$425
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Cash: Petty	\$50
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Certificates of Deposit-USB	\$10,050.15
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Total Cash/Investments Balance: \$16,911.81

Number of full members: 48

Associate members: 0

Auxiliary members: 1

CARA Merch: Update

In July 2024, Dan - N2DGT, made a motion to allow JSC Embroidery to set up a CARA website for CARA members to purchase hats, shirts, mugs, etc. with the CARA logo at no cost to CARA.

CARA will notify the membership of this opportunity monthly via CAPERS. The motion was seconded and approved. The link to the website is below.

Dan – N2DGT

<https://www.jse-repair.com/product-category/club-apparel/candlewood-amateur-radio-association/>



Photos: W1QK



Weekly CARA Sunday club NETS:

Informal 10M Net: 28.390 MHz. USB 7:00 pm – 7:30 pm. Net Control: John – W1JMA

The CARA Net: W1QI 2M FM Repeater – 7:30 pm.

Net Controls: David - KB1ZAC, Charlie - KC1IBR, Dan – N2DGT

Contact John – W1JMA or David – KB1ZAC respectively if you would like to be a CARA 10M or 2M Net Control Operator.



Upcoming Contests, Hamfests Events & Meetings:

Mar. 13: CARA Monthly Program/Activity Meeting. In-person at Stony Hill Vol. Fire Dept. Rte. 6 in Bethel. Doors open

at 7:00 pm. Gavel at 7:30 pm WinLink demonstration and Silent Auction – Bring cash.

Mar. 15: Virginia QSO Party

Mar.18 : Monthly CARA Pasta Night Dinner - Vespucci Italian-American club in Danbury on Vespucci Dr. Price reduction from \$12 to \$10 cash for bread/butter, salad, bowl of pasta with homemade sauce. Cash bar for soda, wine, and beer. Gather at 6:00 pm. No reservations required.



Mar. 25: CT ARES Region 5 Monthly meeting via TEAMS.

Mar. 27: CARA Monthly Planning meeting on TEAMS – 7:30 pm

Mar.28-30: CQWW WPX DX Contest - SSB

Mar. 12, 19, 26: CWops CWT contest - 1300Z & 1900Z Wednesday, and 0300Z (Thursday)

<https://cwops.org/cwops-tests/>

Apr. 3: THURSDAY, April 2025 Capers input deadline: w1ck@snet.net

CT Hamfests:

Sunday, March 30, 2025: Southington Hamfest Southington High School, 8am – 12 noon

<https://www.arrl.org/hamfests/southington-ara-hamfest-3>

April 10th Mtg.

Bud Kozloff From: w1nsk@hotmail.com

Wed, Mar 5 at 6:21 PM

Tom Frenaye, K1KI, ARRL New England Division Director has agreed to speak at our April CARA Mtg.

Bud - W1NSK

Saturday, April 26, 2025: SECARS Hamfest (secars.org), Our Lady of Lourdes Parish Hall, 1650 CT Route 12, Gales Ferry, 8:30 am – 2 pm

Editor: Dates, links, and other details for this column provided by:

<https://www.contestcalendar.com/index.html>

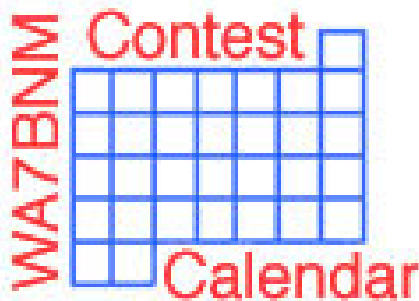
For current scores, visit:

<https://www.3830scores.com/index.php>

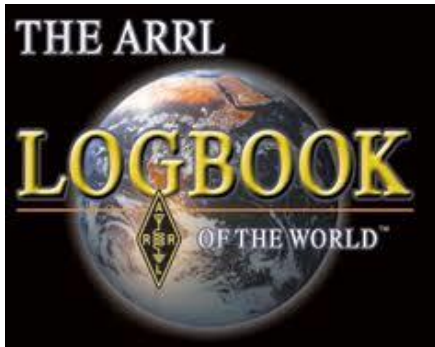


Use this link to access the WA7BNM Contest Calendar website:

<https://www.contestcalendar.com/index.html>



February 13 Meeting: TEAMS presentation meeting Recording:



Recording of TEAMS meeting:

https://cararadioclub700-my.sharepoint.com/:v:/r/personal/w1jma_w1qi_org/Documents/Recordings/CARA%20Program%20Meeting%20on%20Logbook%20of%20the%20World-Virtual%207_30pm-20250213_193328-Meeting%20Recording.mp4?e=4%3a35deefd4accc4069a8847984adf42b7f&web=1&sharingv2=true&fromShare=true&at=9



Bart Jahnke, W9JJ

Thank you, Bart! de CARA

Logbook of The World® -- LoTW® -- is a web-accessed database and repository that enables you to submit electronic logs for amateur radio contacts (QSOs) and for confirmation (QSLs). Users can view submitted QSOs and resulting QSLs online. Radio amateurs can use LoTW to track their progress toward achievements and awards such as The ARRL Worked All States Award, and amateur radio's premier award, DXCC®, membership in which is achieved by confirming on the air contacts with 100 countries.

Using LoTW



LoTW New Users

Getting Started with LoTW

Quick Start Guides - Submitting QSOs to LoTW

Submitting QSOs to LoTW from Windows
Submitting QSOs to LoTW from MacOS and OS X
Submitting QSOs to LoTW from Linux

LoTW Help

- [Introducing Logbook of The World \(LoTW\)](#)
- [Getting Started with LoTW](#)
- [Required Documentation \(Non-US Call Signs\)](#)
- [LoTW's Mission and Objectives](#)
- [Applying for Award Credit](#)
- [Getting Help with LoTW](#)
- [Log In to Your LoTW Account](#)
- [Check for Updates](#)
- [Renew a Call sign Certificate](#)
- [Check LoTW Queue Status](#)

Awards-

Sharon Taratula
Awards Branch Manager
(860) 594-0269

- [VHF/UHF Century Club \(VUCC\) Award](#) [Email](#)
- [Worked All States \(WAS\) and Triple Play WAS Award](#) [Email](#)

- [Worked All Continents \(WAC\)](#) Award [Email](#)
- [A-1 Operator](#) Award [Email](#)

Miscellaneous

- Miscellaneous issues that are not more obviously covered above
- Questions about bringing HQ staff to conventions
- DX stories and articles
- Pictures of DXers and DX-peditions
- Help with DX'ing, questions about how to operate, or about software, etc.

DXCC-

DXCC Team
860-594-0200

DXCC Miscellaneous

Email

- [DXCC](#) application questions
- Application status
- Certificate or pin issues or problems; missing awards, lost in mail, etc.
- Order more awards, or order some new awards from the awards branch

Rules

Email

- Issues about licenses, authentication, documentation
- Questions about validity of operations
- Questions about the [DXCC rules](#)
- DXCC member has a question about the data shown in his DXCC records

Award questions, please email the corresponding area as you see fit below:

VUCCaward@arrl.org, WASaward@arrl.org, WACaward@arrl.org, A1opaward@arrl.org, dxccadmin@arrl.org



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CARA 2025

Ham Exam Schedule



CARA 2025 Amateur radio exams:

Subject: VE Testing dates for 2025 at the Stony Hill Firehouse in 2025.

All sessions are on Saturdays at 11:30 am.

June 7, 2025

September 6, 2025

December 6, 2025

Test takers need to register in advance by emailing ajlu@arrl.net with their name, the test they wish to take, and a contact phone number.

Thanks,
73, Jon Bernon - AJ1U

CARA Volunteer Examiner Session
Coordinator

CT ARES Information:



Statewide Weekly ARES Net:
KB1AEV/NA1RA (NARA) linked repeaters:
Sunday @ 8:00 pm

Statewide Weekly DMR Net: DMR repeaters:
Sunday @ 8:30 pm

The CT ARES Region 5 South monthly meeting
is held on the last Monday of the month –
currently via TEAMS.

Send an email inquiry to Harlan Ford – W1QH,
Region 5 DEC if you would like to learn more
about CT ARES or be added to the distribution
for CT ARES announcements and links to CT
ARES meetings via TEAMS.
hford01@snet.net

Visit this website to learn more about CT ARES,
the weekly 2M FM nets, and Win Link
Wednesday:
<http://www.ctares.org/>

**Next CT ARES Win Link
Wednesday:
Wednesday, April 2**

de John - KB1LYP

From: johnhwill@sbcglobal.net
To: announce@ct-ares.groups.io

KB1OVQ, Newtown EOC will be hosting
Win Link Wednesday, April 2 - the first
Wednesday of the month.
We look forward to your submissions.

Thanks.

John - KB1LYP and the rest of the
KB1OVQ Newtown EOC Crew.



CT ARES Winlink Wednesday

Put your 2M FM Winlink Packet station on the air to
participate in the monthly CT ARES Winlink
Wednesday message practice session. Try to use the
W1SP nodes in our area:

W1SP-6	LITCCT	Litchfield
145.650		FN31JR

W1SP-7	NHAVCT	Oxford
145.630		FN31JK

W1SP-8	FAIRCT	Bridgeport
145.690		FN31JE

KX1EOC-10	Danbury EOC	Greater Danbury Area
145.630		



Editor: Rick Palm, K1CE

ARES® Resources

- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Word\]](#)
- [ARES Plan](#)
- [ARES Group Registration](#)
- [Emergency Communications Training](#)

The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment with their local ARES leadership, 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 to apply for membership in ARES. Training may be required or desired to participate fully in ARES.

Please inquire at the local level for specific information. Because ARES is an amateur radio program, only licensed radio amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

How to Get Involved in ARES: Fill out the [ARES Registration form](#) and submit it to your local Emergency Coordinator.

Support ARES®: Join ARRL

ARES® is a program of [ARRL The National Association for Amateur Radio®](#). No other organization works harder than ARRL to promote and protect amateur radio! ARRL members enjoy many benefits and services including digital magazines, e-newsletters, online learning ([learn.arrl.org](#)), and technical support. Membership also supports programs for radio clubs, on-air contests, Logbook of The World®, ARRL Field Day, and the all-volunteer ARRL Field Organization.

Join ARRL or renew today! [www.arrl.org/join](#)

The ARES Letter is free of charge to ARRL members.

Subscribe: [www.arrl.org/subscribe](#)

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on [Facebook](#), [Instagram](#), [YouTube](#), X ([@arrl](#) and [@arrl_ares](#)), and [Threads](#)

ARRL Store: [www.arrl.org/shop](#)

Support programs not funded by member dues at [www.arrl.org/donate](#)

Contact us to advertise in this newsletter (space subject to availability): [ads@arrl.org](#)

This document lists CT DEMHS Towns by Region:

<https://portal.ct.gov/DEMHS/Emergency-Management/Resources-For-Officials/Regional-Offices/Towns-by-Region>

Submit CT ARES news to CARA Capers to be included here in next month's issue.

"When Everything Else Fails. Amateur Radio often is our last line of defense...When you need amateur radio, you really need them."

The Hon. W. Craig Fugate - Former Administrator, US Department of Homeland Security, FEMA



February 8, 2025

Amateur Radio Emergency Preparedness Act Re-Introduced

Legislation Will Increase Communication Options During Natural Disasters

WASHINGTON – U.S. Senators Roger Wicker, R-Miss., and Richard Blumenthal, D- Conn., and Representatives August Pfluger, R-Tex., and Joe Courtney, D-Conn. announced their joint re-introduction of legislation in the Senate and House to restore the right to Amateur Radio operators to install the

antennas necessary to serve their communities.

Homeowner association rules often prevent Amateur Radio operators from installing antennas at their homes even though Amateur Radio has proven to be essential in emergencies and natural disasters such as hurricanes when other means of communication fail.

“Mississippians should have access to every possible means of warning for natural disasters, including amateur radio operators. In an emergency, those warnings can mean the difference between life and death,” **Senator Wicker said**. “The Amateur Radio Emergency Preparedness Act would remove unnecessary roadblocks that could help keep communities safe during emergencies like tornadoes, hurricanes, and fires.”

“When disaster strikes, amateur radio operators provide vital, often life-saving information, which shouldn’t be hindered by prohibitive rules or confusing approval processes. The Amateur Radio Emergency Preparedness Act eliminates obstacles for ham radio enthusiasts, allowing them to continue their communications and serve their communities in the face of emergencies,” **said Senator Blumenthal**.

“Natural disasters and other emergency situations that hinder our regular lines of communication are unfortunately unavoidable, which is why we must

bolster our emergency preparedness by removing the barriers amateur radio operators often run into when installing antennas. Amateur radio plays a vital role in public safety by delivering critical information to people at all times. My district is home to dozens of amateur radio operators ready to volunteer in the event of an emergency, and I am proud to lead this legislation,” **said Congressman August Pfluger.**

“As we know from recent natural disasters, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our communities’ best interest that we give them the capabilities to operate at the highest level, and with the re-introduction of this bill, we’ve taken a strong step in that direction,” **said Congressman Courtney.**

Background:

The Amateur Radio Emergency Preparedness Act of 2025 (H.R. 1094 and S. 459) would require homeowner associations to accommodate the needs of FCC-licensed Amateur Radio operators by prohibiting the enforcement of private land use restrictions that ban, prevent, or require the approval of the installation or use of Amateur Radio station antennas. Homeowner associations have often prevented installation and use of such antennas through private land use restrictions. This has hindered voluntary training for emergency situations and blocked access to necessary communications when disaster strikes.

Among other provisions, this legislation would:

- Prohibit homeowner association rules that would prevent or ban Amateur Radio antennas;
- Specify an approval process for installing Amateur Radio antennas;
- Provide a Federal private right of action to Amateur Radio operators in disputed cases.

On behalf of America’s Amateur Radio licensees, Rick Roderick, the President of The American Radio Relay League, re-confirmed the ARRL’s full support for the passage of the Amateur Radio Emergency Preparedness Act of 2025 and extended his thanks and appreciation to Senators Wicker and Blumenthal and Congressmen Pfluger and Courtney for their unflagging leadership of the bi-partisan effort to support and protect the rights of all Amateur Radio Operators.



“Tuning in together”

The Amateur's Code

The Radio Amateur is:

CONSIDERATE...never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE...with knowledge abreast of science, a well-built and efficient station and operation above reproach.

FRIENDLY...slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED...radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC...station and skill always ready for service to country and community.

--The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928.



Capers: Swap and Shop

CARA Swap & Shop Policies:

CARA assumes no responsibility for transactions made or inaccuracies in ads. You are responsible for checking your ad and notifying us of any corrections. Swap and Shop listings are open to licensed CARA hams, based on space available. Please submit your items to w1qk@snet.net for placement in the CARA Capers.

For Sale:

Cushcraft 13B2 2M monoband Yagi
(FM/SSB/CW/FT8) Excellent condition.
\$100 OBO.





VHF/UHF Beam Antenna Longest Element:	39.750 in.
Beam Antenna Turning Radius:	8.90 ft.
Mast Mounting Clamp Minimum:	1.500 in.
Mast Mounting Clamp Maximum:	2.000 in.
Wind Surface Area:	1.800 sq. ft.
Beam Antenna Frequency Coverage:	144-148 MHz
Feedpoint Impedance:	200 ohm
Feedpoint Match Type:	T-match, balanced
Antenna Feedline Connection Type:	UHF female, SO-239
Antenna Weight:	6.70 lbs.
Quantity:	Sold individually.

Notes:	4:1 UltraMatch balun supplied.
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VHF/UHF Beam Antenna Bands:	2 meters
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VHF/UHF Beam Antenna Elements (application):	13
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Beam Antenna Gain:	15.8 dBi
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Beam Antenna F/B (dB):	26.0 dB
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E-Plane 3 dB Beamwidth:	36 degrees
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H-Plane 3 dB Beamwidth:	38 degrees
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Bandwidth at 2:1 SWR:	Over 4.0 MHz
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Beam Antenna Boom Wavelength:	2.2
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Contact Jon – W1KBW (formerly KA1RLX)
Pick-up in New Fairfield.
Cell: 203-746-8033

[Cushcraft](#)

Brand:

Manufacturer's Part Number:	A13B2
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Part Type:	VHF/UHF Beam Antennas
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Product Line:	Cushcraft 2M Broadband Boomer Beam Antennas
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DXE Part Number:	CSH-A13B2
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VHF/UHF Beam Antenna Type:	Yagi
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VHF/UHF Beam Antenna Elements:	13
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Antenna Power Rating:	2,000 W
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Beam Antenna Boom Length:	15.00 ft.
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Beam Antenna Maximum Boom Diameter:	1.250 in.
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Visit us on the Web at
<http://www.cararadioclub.org>

Executive Board:

President – Bud Kozloff, W1NSK
w1nsk@w1qi.org
Vice President – John Morelli, W1JGM
w1jgm@w1qi.org
Secretary – Treasurer
John Ahle – W1JMA, w1jma@w1qi.org

Directors:

David Coelho, WA1JGA
davidcoelho52@gmail.com
Rostyslaw Slabicky – N2ROS
w2ros@w1qi.org

CARA is an IRS 501(C)3 Organization.

CARA Mailing Address:
120 Fire Hill Road Ridgefield CT 06877.

*Capers is the monthly newsletter of
the Candlewood Amateur Radio
Association*

Editor: Daniel Fegley, W1QK
w1qk@snet.net



April issue input deadline: April 3

A brief word from our editor...

CARA CAPERS is the monthly publication of the Candlewood Amateur Radio Association, Inc. (CARA) and is intended to present news, issues, and opinions of interest to CARA members and the Amateur Radio Community.

We encourage contributions of articles, letters to the editor, etc. and welcome newsletter exchanges with other clubs from around the country and around the world. Permission is granted to reprint material contained herein if proper credit is given to this newsletter and the author.

Ideas for, and contributions to the CAPERS should be submitted to: w1qk@snet.net.

Submissions must be received no later than the date indicated in the preceding month of issue, *unless otherwise specified*.

Submissions should be in MS Word format or ASCII text. Photos should be in .jpg format.

The input deadline is announced in the previous issue and again at the monthly planning meeting.

Material received after the deadline will be used in the next month's CAPERS if it's still current and /or newsworthy.

The CAPERS is published by CARA Capers Editor. All material contained herein is considered the opinion of the author and not necessarily that of CARA.

Announcements of events are for informational purposes and do not necessarily constitute an endorsement by CARA. No responsibility for accuracy is assumed by the CARA Capers editor or newsletter staff.



About ARRL:

Founded in 1914 by Hiram Percy Maxim, ARRL (American Radio Relay League) is the national association for Amateur Radio in

the US. Today, with more than 161,000 members, ARRL is the largest organization of radio amateurs in the world. ARRL's mission is based on five pillars: Public Service, Advocacy, Education, Technology, and Membership.

ARRL -- Your One-Stop Resource for Amateur Radio News and Information

Join or Renew Today! Eligible US-based members can elect to receive [*QST*](#) or [*On the Air*](#) magazine in print when they join ARRL or when they renew their membership. All members can access digital editions of all four ARRL magazines: *QST*, *On the Air*, *QEX*, and *NCJ*.

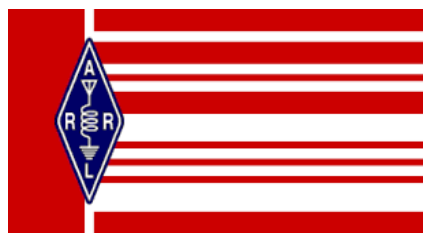
- Listen to [*ARRL Audio News*](#), available every Friday.

Subscribe to...

- [*NCJ -- National Contest Journal*](#). Published bimonthly, features articles by top contesters, letters, hints, statistics, scores, NA Sprint, and QSO parties.
- [*QEX -- A Forum for Communications Experimenters*](#). Published bimonthly, features technical articles, construction projects, columns, and other items of interest to radio amateurs and communications professionals.

Free of charge to ARRL members...

- [Subscribe](#) to the *ARES Letter* (monthly public service and emergency communications news), the *ARRL Contest Update* (biweekly contest newsletter), Division and Section news alerts -- and much more!
- Find ARRL on [Facebook!](#) Follow us on [Twitter](#) and [Instagram!](#)



Official ARRL Flag



Editor: [Mike Walters, W8ZY](#)

Important Links

ARRL Home: www.arrl.org

Find an ARRL Affiliated
Club: www.arrl.org/clubs

Find your ARRL

Section: www.arrl.org/sections

Find a license class in your
area: www.arrl.org/class

Find a license exam in your
area: www.arrl.org/exam

Find a hamfest or
convention: www.arrl.org/hamfests

Email ARRL Clubs: clubs@arrl.org

ARRL Club News is published every month (12 times each year). ARRL members may subscribe at no cost or unsubscribe by editing their Member Data Page at www.arrl.org/opt-in-out. Archived issues can be found at www.arrl.org/club-news



The CW Operators' Club

cwops.org

The CW Operators' Club, commonly known as CWops, is an international organization, in membership and management, for amateur radio operators who enjoy communicating using Morse Code. Its mission is to foster the use of CW, whether for contesting, DX'ing, traffic handling, or engaging in conversations.

Visit the CWops website to learn more about **CW Academy** and how you can sign up for the popular & free **on-line CW training classes**.

<https://cwops.org/cw-academy/cw-academy-options/>

To become a member of CWops:
<https://cwops.org/membership/>



The Yankee Clipper Contest Club is a special interest amateur radio club devoted to the pursuit of operating and technical excellence.

There are in excess of 400 testers who are members of the club throughout New England, New York, and Canada.

YCCC has members who are some of the most proficient contest operators in the world.

Several CARA members are also members of the YCCC.

More information about the YCCC at:
<http://www.yccc.org/>

Editor: Excerpts from the YCCC Reflector with credit to all contributors:

[AFSK vs DOOK vs FSK](#)

From: N2WQ
Date: Wed, 12 Feb 2025 19:51:35 EST

As a follow up to the previous discussion on RTTY modulation options, we performed a simple test tonight to see for ourselves.

You can find snippets from the recordings at AFSK vs DOOK vs FSK

https://1drv.ms/f/c/22af60fc493b27d4/EIKN_NPDxAVFKu2nJbdJ0_ioBofBhjSVJGrGpi9kSOQB0fA?e=d6YIt5

Rudy N2WQ

Re: AFSK vs DOOK vs FSK

From: K2TR - Fred

Date: Wed, 12 Feb 2025 20:12:08 EST

Looking at the spectrum display DOOK has the cleanest signal.

K2TR - Fred Lass

Re: AFSK vs DOOK vs FSK

From: N2WQ

Date: Wed, 12 Feb 2025 20:14:58 EST

Yes, it does. The million-dollar question is if the cleaner signal yields higher contest scores due to fewer repeats and/or incorrect exchanges.

Rudy N2WQ

On Wednesday, February 12, 2025 at

08:12:09 PM EST, Fred Lass

<felasstic@yahoo.com> wrote:

Looking at the spectrum display DOOK has the cleanest signal.

K2TR- Fred Lass



Win Link 2M CT Packet Gateways - Submitted by W1QK:

CALL	COUNTY	LOC./FREQUENCY	GRID	REGION	EMG.	POWER
W1SP-1	TOLLCT	Tolland	145.65	FN31UV	3	Y
W1SP-2	WINDCT	Brooklyn	145.61	FN41AT	4	Y
W1SP-3	NLONCT	Ledyard	145.63	FN31XK	4	Y
W1SP-4	HARTCT	Avon	145.69	FN31OT	3	Y
W1SP-5	MIDDCT	Haddam	145.69	FN31RK	2	Y
W1SP-6	LITCCT	Litchfield	145.65	FN31JR	5	Y
W1SP-7	NHAVCT	Oxford	145.63	FN31JK	5	Y
W1SP-8	FAIRCT	Bridgeport	145.69	FN31JE	1	Y
KX1EOC-10	Fairfield	Danbury EOC	145.63		5	Y
W8ZY	Litchfield	W8ZY QTH	145.610	FN31		

Put your 2M FM Winlink Packet station on the air to participate in the monthly CT ARES Winlink Wednesday message practice session. Try to use the W1SP nodes in our area:

Source: <https://ctares.org/data-comms-winlink-packet/>

The W8ZY-10 gateway is back up in New Milford on 145.610.

It is set up for 1200 baud packet and VARA.

Please give it a try if you can and let me know how it works.

Mike Walters W8ZY [<w8zy@hotmail.com>](mailto:w8zy@hotmail.com)



What is an N1MM logger?



N1MM Logger is the world's most popular ham radio contest logging program.

For CW, phone and digital modes, its combination of contest-optimized features is unmatched.

<https://n1mmwp.hamdocs.com/downloads/n1mm-full-install/>

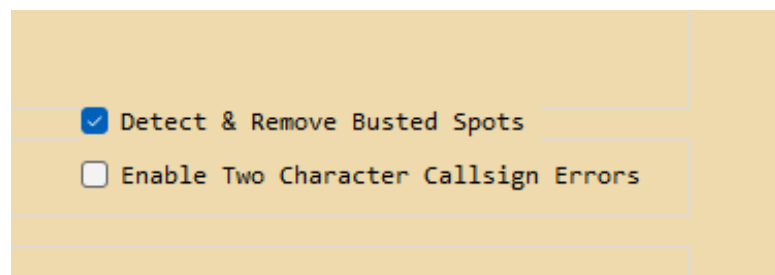
New program feature

[John Bednar](#)

Announcing a new program feature released in an experimental version for the SSB contest. The code was written in early October and used in contests to evaluate / improve.

The feature evaluates incoming spots that appear within the same tuning tolerance (roughly the same frequency), determines if the spot is busted, and removes it from the spot table. The busted spot can arrive first or second.

It is enabled in the Telnet window, Filters tab, right side.



The default is to only evaluate callsigns that differ by one character.
A second option enables evaluation of callsigns that are similar within two characters.
When enabled, some valid spots may be deleted.

In this experimental version, the spots that are removed are listed in the Info window if open.
I expect to remove this later.

Here is an example of the Info window text.

20:23:06 Incoming spot removed: 7011 ER3ZB correct callsign: R3ZB
20:23:21 Incoming spot removed: 14024 N2ATD correct callsign: N2ATB
20:23:24 Incoming spot removed: 7013 A8RM correct callsign: EA8RM
20:23:10 Existing spot removed: 7011 R3ZBI correct callsign: R3ZB
20:31:20 Existing spot removed: 7036 I2FN correct callsign: EI2FN

Tom made a signed build so there are less issues with computer security programs.
Here is the direct download link.

<https://n1mmwp.hamdocs.com/mmfiles/k3ct-busted-spot-killer/>

John, K3CT

Winter Field Day 2025

CARA score prepared and submitted by W1QH & W1QK. Statistics prepared by W1QK



Winter Field Day (WFD), hosted by the Winter Field Day Association, was held from 1900 UTC on Saturday, January 25, through 1859 UTC on Sunday, January 26.

WFD is held on the last full weekend in January and is a communications exercise that can be worked from the comfort of your home or from a remote location. You can participate by yourself, with your friends and family, or with a local club.

WFD is designed to help increase your level of preparedness for disasters and for you to improve and practice your operating skills in winter environments, as the potential for freezing temperatures, snow, ice, and other hazards present unique operating conditions.

WFD is open to participants worldwide. Amateur radio operators may use frequencies on the HF, VHF, or UHF bands and are free to use any mode that can faithfully transmit the required exchange intact. Similar to ARRL's Field Day, bonus points are earned in several ways, including from using non-commercial power sources, operating from remote locations, making satellite contacts, and more. Make sure you register your location at the [WFD registration page](#). To date, there are 345 locations registered around the world.

Also, remember to mark your calendar for 2025 ARRL Field Day on June 28 - 29. For additional information, visit [Field Day \(arrrl.org\)](#).





Band	KB1GCT	KB1ZAC	KC1IBR	KC1QVE	KD2HAP	KO1F	W1AS	W1JMA	W1NSK	W1PDS	W1QH	WA1JGA	WV1V	Tot	Accum
3.5	0	24	0	0	0	0	0	35	0	0	0	0	25	84	84
7	0	40	133	48	14	17	31	0	62	86	0	0	0	431	515
14	39	0	0	0	0	0	0	16	24	7	0	33	0	119	634
21	0	0	0	0	0	0	0	0	0	0	8	0	0	8	642
Total	39	64	133	48	14	17	31	51	86	93	8	33	25	642	642



2025 WFD CW Tag Team: Victor – WV1V & Dave – WA1JGA



Victor – WV1V and Alan – W1AS on CW

```

W1QI 2025 Winter Field Day Log V4 Processed 2-12-2025.log - Notepad
File Edit Format View Help
START-OF-LOG: 3.0
LOCATION: CT
CALLSIGN: W1QI
CLUB: Candlewood Amateur Radio Association
CONTEST: WFD
CATEGORY-OPERATOR: MULTI-OP
CATEGORY-ASSISTED: NON-ASSISTED
CATEGORY-BAND: ALL
CATEGORY-MODE: MIXED
CATEGORY-POWER: LOW
CATEGORY-STATION: FIXED
CATEGORY-TRANSMITTER: ONE
CLAIMED-SCORE: 6076
OPERATORS: KB1ZAC K1LBR K1QVE W1NSK W1PDS W1JMA W1AS W1LJGA KB1GCT KD2HAP W1QH WV1V KO1F
SOAPBOX: WFD Log Processed on Feb. 12, 2025 by W1QK
NAME: Candlewood Amateur Radio Association
ADDRESS: 121 Candlewood Lake Rd
ADDRESS-CITY: Brookfield
ADDRESS-STATE-PROVINCE: CT
ADDRESS-POSTALCODE: 06804
ADDRESS-COUNTRY: UNITED STATES
GRID-LOCATOR: FN31GK
EMAIL: w1qk@snet.net
CREATED-BY: N1MM Logger+ 1.0.10583.0
QSO: 14032 CW 2025-01-25 1705 W1QI 1H CT WB2RPW 1H IL 1
QSO: 14032 CW 2025-01-25 1708 W1QI 1H CT W4VN 3I KY 1
QSO: 14032 CW 2025-01-25 1710 W1QI 1H CT W8WOO 1H OH 1
QSO: 7246 PH 2025-01-25 1711 W1QI 1H CT W2RT 5I WNY 0
QSO: 7275 PH 2025-01-25 1714 W1QI 1H CT W2WQ 3I NLI 0
QSO: 14032 CW 2025-01-25 1716 W1QI 1H CT KC3RN 1H OH 1
QSO: 14032 CW 2025-01-25 1717 W1QI 1H CT WP2RPW 1H OH 1
QSO: 7265 PH 2025-01-25 1720 W1QI 1H CT W2WCR 7I ENY 0
QSO: 14032 CW 2025-01-25 1721 W1QI 1H CT W8TNO 3I MI 1
QSO: 14032 CW 2025-01-25 1729 W1QI 1H CT VE3LON 2I ONE 1
QSO: 14032 CW 2025-01-25 1730 W1QI 1H CT K8BXQ 30 OH 1
QSO: 7238 PH 2025-01-25 1733 W1QI 1H CT W2DQ 3I NLI 0
QSO: 14032 CW 2025-01-25 1734 W1QI 1H CT K8BNI 5I MI 1
QSO: 14032 CW 2025-01-25 1736 W1QI 1H CT K8AJS 1H OH 1
QSO: 7260 PH 2025-01-25 1736 W1QI 1H CT W2EGB 1I ENY 0
QSO: 14032 CW 2025-01-25 1740 W1QI 1H CT KX4QF 1H TN 1
QSO: 7210 PH 2025-01-25 1742 W1QI 1H CT

```


Statistics Graph

Day	Hr	KB1GCT	KB1ZAC	KC1IBR	KC1QVE	KD2HAP	KO1F	W1AS	W1JMA	W1NSK	W1PDS	W1QH	WA1JGA	WV1V	Tot	Accum
2025-01-25	17						10		16						26	26
2025-01-25	18						7								18	44
2025-01-25	19		18										11		29	73
2025-01-25	20		2		36								7		45	118
2025-01-25	21				12		1						15		28	146
2025-01-25	22					13				22					35	181
2025-01-25	23		16							24					40	221
2025-01-26	00		8							23					31	252
2025-01-26	01								20	12					32	284
2025-01-26	02								15	5	4				24	308
2025-01-26	03										3				3	311
2025-01-26	04										16			9	25	336
2025-01-26	05										14			1	15	351
2025-01-26	06			15							12			1	28	379
2025-01-26	07			3							26			1	30	409
2025-01-26	08										2			1	3	412
2025-01-26	09			12										2	14	426
2025-01-26	10			9							16			3	28	454
2025-01-26	11			19										4	23	477
2025-01-26	12			51										3	54	531
2025-01-26	13		1	24											25	556
2025-01-26	14		19												19	575
2025-01-26	15	3						12							15	590
2025-01-26	16	10						10							20	610
2025-01-26	17	17						8							25	635
2025-01-26	18	7						1				8			16	651
2025-01-26	19	2													2	653
Total		39	64	133	48	14	17	31	51	86	93	8	33	25	642	642

Refresh Row Hour Column Operator Include Dupes X-GS0s



Charlie – KC1IBR
WFD Night Shift Operator

Statistics for WFD - 2/12/2025 6:00:00 PM - Mode by Hour

File

Statistics Graph

Day	Hr	CW	LSB	USB	Tot	Accum
2025-01-25	17	16	10		26	26
2025-01-25	18	11	7		18	44
2025-01-25	19	7	18		25	69
2025-01-25	20	15	38		53	122
2025-01-25	21		13		13	135
2025-01-25	22	22	13		35	170
2025-01-25	23	24	16		40	210
2025-01-26	00	23	8		31	241
2025-01-26	01	32			32	273
2025-01-26	02	20		4	24	297
2025-01-26	03			3	3	300
2025-01-26	04	9	16		25	325
2025-01-26	05	1	14		15	340
2025-01-26	06	1	27		28	368
2025-01-26	07	1	29		30	398
2025-01-26	08	1	2		3	401
2025-01-26	09	2	12		14	415
2025-01-26	10	3	25		28	443
2025-01-26	11	4	19		23	466
2025-01-26	12	3	51		54	520
2025-01-26	13		25		25	545
2025-01-26	14		19		19	564
2025-01-26	15	12		3	15	579
2025-01-26	16	10		10	20	599
2025-01-26	17	8		17	25	624
2025-01-26	18	1		15	16	640
2025-01-26	19			2	2	642
Total		226	362	54	642	642

Refresh Row Hour Column Mode ☐ Include Dups X-QSO

Heard on the Air:



ARRL DX Contest: 267 Q's One Hour?! HH2AA Remote In Beast Mode On Solar and 100W.

How it sounded at the other side of the 10M HH2AA pile-up during the ARRL DX SSB contest: HH2AA was operated by Ray – W2RE.

<https://youtu.be/FQ5SmoSeEY8?t=669>

See how many callsigns you can copy.

Congratulations Ray on a FB effort and TNX for the 15M multiplier too!

More information about HH2AA: <https://www.qrz.com/db/HH2AA>



Member and Station News:

Your news or story could be included here in the next issue of CARA Capers. Contact W1QK, Capers editor. Just snap pix of your station, antennas, mobile installation, etc. and send it to w1qk@snet.net Your Capers Editor welcomes and encourages member input

Re: [CARAW1QI] 80 Meter Half Wave Stress Test

Rosty W2ROS



From:roslabicky@att.net **To:**caraw1qi@groups.io **Mon, Feb 17 at 8:22 PM**

O! say I can see by the dawn's early light,
What so proudly I hailed at the twilight's last
gleaming,
Whose thin wire and coating of ice,
O'er the porch railing I watch'd, were so gallantly
strung taut?
Gave proof through the night that my antenna was
still there;
My antenna survived. The wire is gray and I
couldn't see in the dawn gray sky, so of to the
porch and it was there with all of the ice broken
off by the wind.

73, Rosty - W2ROS

Re: [CARAW1QI] 80 Meter Half Wave Stress Test

Steven Simons W1SMS

From: ssimons@manitousys.com To: caraw1qi@groups.io Sun, Feb 16 at 1:34 PM

The "stress test" from this station
De: W1SMS



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CARA March monthly Pasta Night Event:
Tuesday, March 18. Gather at 6:00 pm

FW: WACC application from W4OMX

John Ahle Treasurer From: treasurer@w1qi.org To: Dan Fegley, w1nsk@hotmail.com Mon, Mar 3 at 8:54 PM

Certificate 2025-001 issued today to Jonathan V. Phillips W4OMX.. jma

From: John Ahle Treasurer <Treasurer@w1qi.org>
Sent: Monday, March 3, 2025 8:53 PM
To: Jonathan Phillips <portnokomis@gmail.com>
Cc: John Ahle Treasurer <Treasurer@w1qi.org>
Subject: RE: WACC application from W4OMX

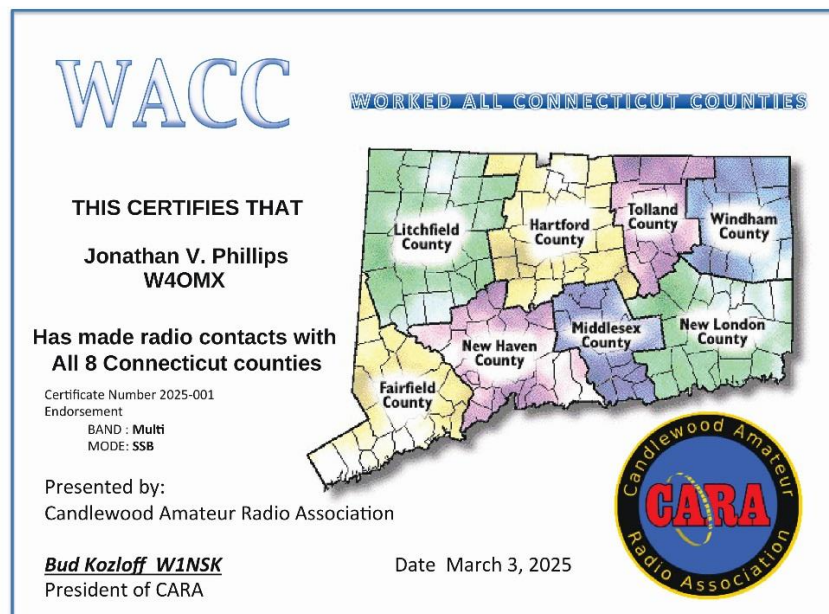
Jonathan, congratulations on achieving the CT Worked all Counties Award. Please find 2 versions of certificate 2025-001. Thank you. John W1JMA Secretary/Treasurer

From: Jonathan Phillips <portnokomis@gmail.com>
Sent: Monday, March 3, 2025 6:08 PM
To: John Ahle Treasurer <Treasurer@w1qi.org>
Subject: WACC application from W4OMX

Greetings from the sunshine state. After 5 months of calling POTA from FL, I appear to have worked all CT counties. Please find attached my application form for the WACC award and the supporting screenshots from LoTW.

Kind regards,

Jonathan Phillips - W4OMX



Editor: Instructions to apply for the CARA WACC Award:
<https://cararadioclub.org/worked-all-ct-counties>



CARA Membership/Dues Application & Interest Survey for Calendar Year 2025

JOIN CARA!

Full membership rate is \$40.

An Associate member is any interested non-licensed person or licensed amateur under the age of 16. Associate members are not granted voting privileges.

Family membership is a full membership rate plus \$15 for each amateur within the nuclear family.

<https://cararadioclub.org/join-cara>