



# Capers

## January - 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](mailto:w1qk@snet.net)

*This in-person Program/Activity meeting will be held on **Thursday, January 9** at the Stony Hill Fire House on Rte. 6 (Newtown Road) in Bethel. Gather at 7:00 pm. Meeting begins promptly at 7:30 pm.*

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Meeting Topics: Winter Field Day Preparations



Logging Winter FD contacts using N1MM Logger +



## CARA Monthly Program/Activity Meeting Agenda

### Thursday, January 9 - Stony Hill FD

CARA Program/Activity Meeting this Thursday, January 9th at 7:30 pm at the Stony Hill FD Doors open at 7:00 pm, meeting begins at 7:30 pm.

*We have started something new,  
please bring some snacks and/or soft drinks to share.*

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- **Welcome**
  - Pledge of Allegiance
  - Attendee Introductions
- **Announcements**
  - **Program/Activities Meetings moving to 2<sup>nd</sup> Thursday of month at 7:30 SHFD**
  - **Business Meetings moving to 4<sup>th</sup> Thursday of month on Teams**
  - Upcoming Events
    - Club Stations on the Air- Saturday 1/18 1-3pm
    - Pasta Night Tuesday 1/21 6pm Vespucci Lodge
    - Winter FD BPFDD 1/25 and 1/26
  - 2025 Dues are due
  - Good of the Order
    - Ham Radio University-Debrief
- **Tonight's Program/Activity-Winter FD Planning and N1MM Review**

## President's Message

de W1NSK



### Happy New Year!

As we start the new year, many of us have made resolutions. Yes, I know...read more, lose weight, and get more exercise... I'd like to add to your list.

### *Two suggestions.*

First: Get on the air more. That's a lot of what it's about isn't it?

Second: Better yet, try a new band & mode. Tech's, have you been on 10 Meters?

Now's the time with the peak of the Solar Cycle. Talk worldwide with 80 watts and a dipole 20 ft. off the ground! If you haven't "played" in a contest before, many are coming up! An easy relaxed intro would be the SSB North American QSO Party. Google it!

This month, we're holding Winter Field Day at The Ball Pond Fire House in New Fairfield.

### **No tents nor cold weather to deal with.**

We'll be comfortably operating from inside. Join us! See old friends, make new ones, operate one of the two stations and enjoy! This is the last Saturday/Sunday of January 25-26.

### **A reminder:**

2025 Dues are now due. Check the web site or many emails sent for details on how to pay. Please fill out the new information sheet too. It allows us to keep current contact info accurate. Also, please sign up for a committee. The more the merrier. We need your help in many ways.

We are looking for new ideas for club meeting presentations. If you have something you would like to share with the club or just an idea, let me know and we'll see what we can do.

Bud - W1NSK  
CARA President

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

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## ***Vice- President's Message:***

de W1JGM



Welcome to 2025! I trust that all had a Safe and wonderful Holiday season.

There is a lot of radio activity in store for the coming year. Some are already behind us.

A few members attended Ham Radio University on the 4<sup>th</sup> of January held at the Hillwood Commons Student Center, Brookville, NY. This is the 26<sup>th</sup> year of the educational event. If you missed it, check out their website at [hamradiouniversity.org](http://hamradiouniversity.org) and look for Presentations and look to go next year.

As far as educational event this Thursday's January 9<sup>th</sup> CARA program meeting at the Stony Hill Fire Dept will be an informative session on Winter Field Day and the logging program "N1MM". The N1MM is the most wildly used contest logging software used. John W1JMA and Steve W1SMS invite members to visit their stations on

Saturday January 18<sup>th</sup>. This is a hands-on learning experience at an operating station. John and Steve bring a wealth of knowledge to the hobby. Contact them directly to attend.

To further your quest for knowledge please join us every Sunday evening on MS Teams at 8PM, right after our 7:30 PM 2-meter net. Bring any of your Amateur Radio questions. The link is sent each week via E-mail and is posted on the CARA website under activities.

Remember the CARA club provides access to the Microsoft Suite of programs as part of your membership. We also provided an E-mail address at [\(yourcall\)@W1QI.ORG](mailto:yourcall@W1QI.ORG). To sign up please contact me at [w1jgm@w1qi.org](mailto:w1jgm@w1qi.org).

If you're a Technician Class license holder and interested in getting your General License, contact me as soon as possible as we will be starting a class in the next few weeks. The class will follow the ARRL study guide and run to March 2025. The class will be held both virtually and in-person.

Remember to join us for Pasta Night at the Amerigo Vespucci Lodge, 10 Christopher Columbus Ave, Danbury, CT... We meet at 6:00 PM. The cost is \$12 payable to the lodge and cash bar.

Wishing all the best in 2025,  
John Morelli – W1JGM  
CARA Vice-President



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

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### December 27 - Monthly Business Meeting Minutes

de CARA Secretary/Treasurer, John Ahle - W1JMA



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#### CARA Business Meeting Minutes December 27, 2024

The meeting was called to order by John W1JGM, VP at 7:35pm on Teams. 10 members were present, and a quorum was met. There were no new members at this meeting.

The November minutes as published in CAPERS were approved.

The November finance report published in CAPERS was approved. John W1JMA reported that more than half of the current members have renewed their dues. John also reported that he has yet to liquidate the remaining IBond and hopes to do that shortly. The funds will be put back into USB and invested in a CD.

Repeater Committee Chair Steve W1SMS reported that some alternative sites have been suggested and testing needs to be completed before a new home is selected for our 2m and 440 repeaters. Our deadline to leave the current location is March 31, 2025. There was also a discussion about the 220 and 6m repeaters and their future, either being deployed elsewhere or sold. Some felt it was too soon to decide their fates until we have a more solid solution for 2m/440.

#### Administrative Committees:

*IT:* Stephanie and John W1JMA will work on moving the domains to GoDaddy. Dan N2DGT reminded John to update the website for the meeting day of the month changes going into 2025.

*CAPERS:* Dan W1QK reminded the participants that 1/3/25 is the due date for inclusion.

*VE Testing:* Jon AJ1U reported that we will offer 4 exams in 2025, and those dates

have been confirmed with the Stony Hill FD. The first exam on Saturday 3/1/25. The exam dates and registration information are now on the website. Jon also mentioned that the ARRL VEC process will be changing in 2026. The new process will be more automated. Jon will contact ARRL and determine how CARA might proceed with this new process. Jon has a process in mind that our current team would be comfortable with and needs to get ARRL approval. More to follow....

*General Class:* John W1JGM, Harlan W1QH and Dan N2DGT have yet to meet and plan the curriculum. The ARRL book is the manual to be used. The class will begin in January.

#### **Fund Raising Committee:**

There is currently no chair of this committee. Anyone interested please contact Bud. The Giving Tuesday ask generated \$425 from 4 members. The donations were restricted to HF related expenses/projects. Dan W1QK will ask a friend of his if he would be willing to donate the items, he was trying to give away to the club so CARA can hold an auction in the spring to raise money.

#### **Old Business:**

John W1JMA discussed the status of the HF EQ Lend program. The Yaesu Win has used will be returned for WFD use. Win

was to get a new rig for Christmas. Ed KC1URY will borrow one of the rigs after WFD.

#### **New Business:**

John W1JMA has mentioned that Ham Radio University will be held on Saturday 1/4/25 on Long Island. So far Rosty W2ROS is interested in going. John will solicit others to go via the reflector.

The January program will be the plan for WFD to be held the last weekend of January. An N1MM refresher will also be held at this meeting. John W1JGM and Harlan W1QH will demo N1MM.

The February program is tentatively slated to be an LOTW demonstration by an ARRL employee. **Bud to confirm.**

#### **Good of the order:**

John W1JGM reminded those attending that Microsoft 365 is available to club members.

The meeting was closed at 8:40pm.

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#### **CARA Treasury Report December 31, 2024**

Income:	Full Member Dues	\$3195
Income:	Interest Income	\$ 298
Income:	Donations-Restricted	\$425
Total Income:		\$3918

Expense: Donation-WA7BNM&POTA&  
NEQP \$100  
Expense: Insurance – Eq & Liability  
\$305  
Expense: PayPal Fees \$47  
Expense: Website/Hosting Fees \$269  
Expense: Donation-BPFD & SHFD \$350  
Expense: Event Banners \$142  
Expense: Repeater Repair and antenna  
\$980  
Expense: Coffee & Donuts ARES Meeting  
\$75  
Total Expense: \$2268

**Net Income for Period \$1650**

Cash: Checking \$10,154.67  
Cash: Petty \$50  
Investment: IBond/CD \$ 5,050.15

**Unrestricted CASH Balance: \$15, 679.82**

**Number of full members: 57**

**Associate members: 0**

**Auxiliary members: 1**

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[CARAW1QI] Please Consider Supporting  
CARA on Giving Tuesday- Results

**John W1JMA** From:w1jma@w1qi.org Wed, Dec 4 at  
12:16 PM

***We received \$375 for HF activities  
from 3 donors. Thank you.***

CARA is a 501c3 entity. ***Your donation to  
CARA is tax deductible.*** Please consider  
supporting CARA in giving for HF  
Activities (POTA, FD, Special Event

Stations) or Support our Repeater System  
(2m and 440).

### **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/](https://www.jse-repair.com/product-category/club-apparel/candlewood-amateur-radio-association/)





Photos: W1QK



### Weekly CARA Sunday club NETS:

**Informal 10M Net:** 28.490 MHz. USB 7:00 pm – 7:30 pm. Net Control: Vin – N2OHH

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

Net Controls: David - KB1ZAC, Charlie - KC1IBR.

Contact Vin – N2OHH or David – KB1ZAC respectively if you would like to be a CARA 10M or 2M Net Control Operator.



### Upcoming Contests, Hamfests Events & Meetings:

Jan. 9: CARA Monthly Program/Activity Meeting. In-person at Stony Hill FD, Bethel. Winter Field Day planning & FD logging using N1MM Logger + software program. Gather at 7:00 pm, gavel at 7:30 pm

Jan. 11: North American QSO Party – CW

Jan. 14; Northville Amateur Radio Association TEAMS meeting

Jan. 18-19: ARRL January VHF contest

Jan. 18: North American QSO Party – SSB

Jan. 18: Computer Fair, at Danbury VFW (Post 149). 5 Byron Street. Show Hours - 10 AM Until 3:30PM

Jan. 21: Monthly CARA Pasta Night Dinner - Vespucci Italian-American club in Danbury on Vespucci Dr. \$ 12 for bread/butter, salad, bowl of pasta with homemade sauce. Cash bar for soda, wine, and beer. 7:00 pm. No reservations required.



Jan. 23: CARA Monthly Planning meeting on  
TEAMS – 7:30 pm

Jan. 25: BARTG RTTY Sprint contest

Jan. 23: CARA Monthly Planning Meeting on  
TEAMS: 7:30 pm

Jan. 27: CT ARES Region 5 Monthly meeting via  
TEAMS.

Jan. 8, 15, 22, 29; CWops CWT contest - 1300Z  
& 1900Z Wednesday, and 0300Z (Thursday)

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

**Feb. 6: THURSDAY, February 2025 Capers**  
**input deadline: [w1qk@snet.net](mailto:w1qk@snet.net)**

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>

150, 17,614,109 14,360,565 9,511  
422, 4,332,334 3,767,350 3,836  
403, 5,513,832 5,119,488 4,066  
710, 630 29,529,080 20,600,646 14,541  
**3830scores.com**  
Contest Score Rumors

*Use this link to access the WA7BNM  
Contest Calendar website:*

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



## Background information for Jan. 9 meeting:



### What is 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/>

Editor:

Comprehensive YouTube video overview of  
N1MM Logger + for newbies:

<https://www.google.com/search?q=introduction+to+n1mm+logger+%2B&og= introduction+to+n1mm+logger+%2B&aqs=chrome..69i57j0i751.12944j0j7&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:816c74fb,vid:uyqm7tab-wl,st:0>

## Winter Field Day 2025



**Winter Field Day (WFD)**, hosted by the Winter Field Day Association, is scheduled to run 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 \(arrl.org\)](#).

## Amateur Radio in the News

[“Ham radio is still a disaster lifeline, even in the iPhone era - here's why”](#) / ZDNET (New York) December 18, 2024

[“Mike Hall to run Lanierland Amateur Radio Club Net On Christmas Day as he recovers from stroke”](#) / WDUN (Georgia) December 25, 2024

“Local club connecting amateur radio enthusiasts” / Weirton Daily News (Ohio)  
December 27, 2024

“Ham it up with radio hams at Belwin” / The Gazette (Minnesota) December 28, 2024 -  
- *The Stillwater Amateur Radio Association is an ARRL Affiliated Club.*



January 1, 2025 Editor: Paul Bourque, N1SFE

## Results and Records

### ARRL 10-Meter Contest Raw Scores

Raw scores for the ARRL 10-Meter Contest are now available

at <https://contests.arrl.org/rawscores.php?cn=10m>. Log checking will begin shortly, and once completed, the final results including line scores and the expanded results article by Andrew Goss, AA5JF will be available online.

That's all for this time. Remember to send contesting-related stories, book reviews, tips, techniques, press releases, errata, schematics, club information, pictures, stories, blog links, and predictions to [contest-update@arrl.org](mailto:contest-update@arrl.org).

73, Paul, N1SFE

# 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.

March 1, 2025

June 7, 2025

September 6, 2025

December 6, 2025

Test takers need to register in advance by emailing [aj1u@arrl.net](mailto:aj1u@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](mailto: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 Wednesdays:

**Wednesday, January 1**  
**AND Wednesday, January 8**

[ct-ares] WinLink Wednesday att.net

John H. Will

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

Mon, Dec 30 at 10:12 AM

KB1OVQ, Newtown EOC will be hosting WinLink Wednesday on January 1st, 2025 AND on January 8th, 2025 this month. The usual is the first Wednesday of the month, but with the holiday, we thought it may not be workable for all people.

We look forward to your submissions and would like to know everyone's favorite Christmas gift.

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
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145.630 FN31JK

W1SP-8 FAIRCT Bridgeport  
145.690 FN31JE

KX1EOC Danbury EOC Greater Danbury  
Area  
145.630

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## New date for ARES Net Control Station Operator Training Workshop

Douglas Sharafanowich - WA1SFH via groups.io

From: wa1sfh=optonline.net@groups.io

To: announce@ct-ares.groups.io

Fri, Dec 20, 2024 at 7:54 AM

What: **Net Control Station Operator  
Training Workshop**  
Date: **Saturday, February 1, 2025**  
Time: **0830 – 1200**  
Place: TBA (Greater Hartford/Central  
CT)

The ARRL CT Section is excited to  
announce its upcoming, in-person, Net  
Control Station (NCS) Operator  
Training Workshop.

### Target Audience:

Members of **ARES\***, **Skywarn**, the  
**National Traffic System (NTS)**,  
and **other Hams** wanting to build  
more skills.

This comprehensive, fast paced,  
hands-on workshop is designed to not  
only to give attendees the foundational  
training they need to start conducting  
a Radio Net successfully, but also to  
provide "a refresher" for experienced  
Net Control Station Operators.

### Be Part of our NCS Operator Team!

*Don't Miss it!*

**REGISTER  
TODAY at:** <https://tinyurl.com/mw9e6und>

### Pre-Workshop Reading Assignment:

Please read "The First 15 Minutes"  
presentation, and write down your  
observations.

We will begin the Workshop with a  
discussion of what happened, focusing  
on:

**The Good, The Bad, and THE UGLY.**  
LINK: <https://tinyurl.com/yc5erdcu>

Note:

\* ARES members

This workshop prepares you for  
the **ARES** Emergency Communicator  
Individual **Task Book** - Level 2  
Participation requirement: "Serve as  
Net Control"



Editor: Rick Palm, K1CE

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## **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.

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## **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.

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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](#)

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This document lists CT DEMHS Towns by  
Region:

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

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*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

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"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.*

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## 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](mailto:w1qk@snet.net) for placement in the CARA Capers.

### For Sale:

Cushcraft 13B2 2M monoband Yagi  
(FM/SSB/CW/FT8) Excellent condition.  
\$150 OBO.



Kantronics TNC has no model #. Probably their first one. I have no paperwork. Includes DC and connection cables for a Kenwood TS-700SP. Asking \$25.



The Yaesu Speaker / Phone patch is a model SP-980P. Includes cables for POTS phone line and a Yaesu FT-101E. Asking \$80 - open to offers.



Contact Jon – W1KBW (formerly KA1RLX)  
Pick-up in New Fairfield.  
Cell: 203-746-8033

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**There's an extensive list of **FREE** and items to CARA members and items **for sale** from Terry – N1ACI on the last pages of this month's Capers.**

**Contact Terry via E-mail or phone.**

**He lives in Southbury and is assisting the XYL of a Silent Key.**



**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  
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Rostyslaw Slabicky – N2ROS  
w2ros@w1qi.org

**CARA is an IRS 501(C)3 Organization.**

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

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

*Editor: Daniel Fegley, W1QK  
[w1qk@snet.net](mailto:w1qk@snet.net)*



**February issue input deadline: February 6**



CARA Capers Editor - W1QK, operating CW at a recent CARA POTA event

## 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](mailto: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...

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Official ARRL Flag



Editor: Mike Walters, W8ZY

### Important Links

ARRL Home: [www.arrl.org](http://www.arrl.org)

Find an ARRL Affiliated Club: [www.arrl.org/clubs](http://www.arrl.org/clubs)

Find your ARRL

Section: [www.arrl.org/sections](http://www.arrl.org/sections)

Find a license class in your area: [www.arrl.org/class](http://www.arrl.org/class)

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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](http://www.arrl.org/opt-in-out). Archived issues can be found at [www.arrl.org/club-news](http://www.arrl.org/club-news)



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/>



## The CW Operators' Club

[cwops.org](https://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/>

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## CWops Announces 2024 Advancing the Art of CW Award



Each year, **CWops**, an international organization that promotes and advances Morse code (CW) in amateur radio communications, accepts nominations for individuals, groups, and organizations for the CWops Award for Advancing the Art of CW. The award recognizes contributions made toward advancing the art or practice of radio communications by Morse code.

**The Radio Officer's Association (ROA)** is the recipient of the **2024 CWops Award for Advancing the Art of CW**. ROA honors and preserves the history and accomplishments of radio professionals from across the Merchant Navy, Coast Station Service, and Civil Aeronautical industry. Its membership includes nearly 400 former professional radio officers, half of whom hold amateur radio licenses. CWops recognized ROA's efforts to preserve CW history through its journal, and for activities that span CW mentoring, on air nets, and CW-related museum displays and related activities.

The award was recently accepted by ROA's Bill Cross, GOELZ, at the organization's annual meeting in Liverpool, England. It was presented by CWops President Stew Rolfe, GW0ETF.

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Editor: From the CWops Reflector with  
credit to all contributors.

**Re: Bay Area museum brings history of radio  
to life | Lifestyle | [dailyrepublic.com](http://dailyrepublic.com)**

From: [Duncan G3WZD / M3F \(1979\)](#)

Date: Sun, 05 Jan 2025 06:41:23 EST

I really wish I'd known about these museums when I was 'commuting' to the Bay Area (Sunnyvale) at least four times a year from 2008 to 2012, with other, less frequent visits, in the years before and after. The 'must do' visit (until they closed, was always the HRO store in Sunnyvale, always full of friendly folks in front of and behind the counter. Happily, retired now a since early 2023, so my frequent business travelling days are over so not much chance of getting back to CA; there are too many other places on my bucket list!

73, Duncan, G3WZD / M3F

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**Subject:** Re: [CWops] Bay Area museum  
brings history of radio to life | Lifestyle |  
[dailyrepublic.com](http://dailyrepublic.com)

**Resent date:** Friday, 3 January 2025 at  
20:49

It is indeed an experience and well worth the trip. The telegraph "clicking away" in a corner was sending American Morse when I visited. Alameda is an island, accessible through a short auto tunnel, it's not very far from the "mainland" next to Oakland CA. There's also a telegraph sounder clicking away at the California Railroad Museum in Sacramento, a nice day trip from the Bay Area. Last time I was there, it was sending what appeared to be train orders from the 19th century.

If you've made it to the Bay Area, reserve a day to visit the Computer Museum in Mountain View, in the depths of Silicon Valley. The artifacts are many and fascinating, including a Bendix G-15D, the first computer I ever programmed in 1959 at Cal Poly Univ, and a replica of Babbage's Difference Engine, a computer with a crank.

Be sure to take one of the guided tours they offer. The guides are filled with not only descriptions of the displays but also the history of the Valley, and the intrigues, possible crimes, double crosses, business deals, and lesser publicized events involved in its growth. Top it off with a BBQ dinner at the Wagon Wheel, a local pub where much of that intrigue was hatched in a saturated atmosphere of spirits [in bottles].

73, Fred ["Skip"] K6DGW - CWops #142  
Sparks NV DM09dn Washoe County



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/>

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Editor: From the YCCC Reflector with credit to all contributors.  
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Power supply for IC-7300

From: NC1VR - Vlad

Date: Wed, 25 Dec 2024 12:58:15 EST  
[Edited Message Follows]

Merry Christmas to everyone. I'm looking for a low noise power supply for IC-7300 in a range of \$150 or so. I'm aware, some of switching PS generate a high level of noise on all bands which is practically not usable. I will appreciate to have advise or recommendations which brand of PS is more suitable for IC-7300.

73, Vlad NC1VR

Re: Power supply for IC-7300

From: WJ1U - John

Date: Wed, 25 Dec 2024 13:07:54 EST  
HRO sold me a Samlex SEC-1235m with the FTDX10 I just bought. It seems to be quiet in my setup. I imagine a linear supply would be better, but I only have a few narrow S0-1 noise spots that are likely from other things in the house if I had to guess.

Re: Power supply for IC-7300

From: Paul Young

Date: Wed, 25 Dec 2024 14:06:41 EST  
I wrote an article in the last Scuttlebutt about the power supply I'm using, the Mean Well ENP-360-12. I'm using a pair in my SO2R station.

Paul, K1XM

Re: Power supply for IC-7300

From: Jack Schuster

Date: Wed, 25 Dec 2024 14:13:25 EST

I have had good luck with Samlex. No switching noise, compact, lightweight. For backup I have an Astron that weighs 4x as much, but I've never needed it, Jack  
W1WEF

Re: Power supply for IC-7300

From: NC1VR - Vlad

Date: Wed, 25 Dec 2024 21:42:29 EST

Thanks to all, I got a lot of valuable info. Perhaps I'll go with Mean Well, low RFI and plenty of positive reviews.

73, Vlad, NC1VR

Re: Power supply for IC-7300

From: Nick Maslon - K1NZ

Date: Thu, 26 Dec 2024 07:47:29 EST

I brought this along with me on my recent DX-pedition to YJ and it worked FB with my 7300.

<https://powerwerx.com/ss30dv-desktop-dc-power-supply-powerpole>

73,  
Nick K1NZ



## 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	Fairfield	Danbury EOC 145.63		5	Y	
W8ZY	Litchfield	W8ZY QTH 145.610	FN31			

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)>

## CARA Proposed 2025 Budget:

Category	Amount	Amount
Dues Full Member: 50@35	\$ 1,750	
Dues Full Member: 50@40		\$ 2,000
Insurance: EQ and Liab	\$ 325	\$ 325
Internet: Web and Domains	\$ 350	\$ 350
Donations to Ball Pond FD	\$ 250	\$ 250
Donation to Stony Hill FD	\$ 150	\$ 150
PayPal Fees	\$ 40	\$ 40
Field Day/Operating Supplies	\$ 200	\$ 200
Misc	\$ 135	\$ 135
Repeater Repairs-Minor	\$ 300	\$ 300
Total Expenses	\$ 1,750	\$ 1,750
Income/Loss	\$ -	\$ 250

# Proposed General License class

**From:**wljgm@wlqi.org

**To:**caraw1qi@groups.io

**Cc:**John Morelli

Tue, Dec 31, 2024 at 3:54 PM

Good Day and Happy New Year to all;

As we have been planning for and discussing for the past several months January is here, and we would like to start the General License class.

As this is a more in-depth class than the Tech class, a good portion of the class will be required to be in-person. We will meet at the Ball Pond Fire Station in New Fairfield for the in-person classes and on MS Teams for the virtual classes.

**The class dates are being set and I would like to confirm the attendees for the class.**

Please reply to [WLJGM@W1QLorg](mailto:WLJGM@W1QLorg) with confirmation that you will attend.

If you have not already received a General License study guide and taking the class please let me know.

I would like to start the class in two weeks on line And finish mid-March doing one session a week. My availability is somewhat limited during the week and may require alternating between weeknights and weekends. I would like to do the in-person sessions on Saturday if possible and the on-line during the week.

As the CARA club is sponsoring the class there is no cost at this time for the class or study materials.

CH1	Intro/Pre-Read b4 first session		
Ch 2	Procedures and Practices	Virtual	One
Session			
Ch3	Rules and Regs	Virtual	One
Session			
CH4	Components and Circuits	In Person	Three Sessions
CH5	Radio Signals and EQ	In Person	Two
Sessions			
Ch6	Digital Modes	Virtual	One
Session			
Ch7	Antennas	In Person	One
Session			
Ch8	Propagation	Virtual	One
Session			
Ch9	Electrical and RF Safety	Virtual	One
Session			
Ch10	Review Questions	In Person	One Session

<https://www.google.com/search?q=why+you+should+upgrade+to+general+class&oq=why+you+should+upgrade+to+general+class&aqs=chrome..69i57j33i160l5j33i67l.13664j0j7&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:b892c9c1,vid:9dffOikvU-I,st:0>

<https://www.google.com/search?q=why+you+should+upgrade+to+general+class&oq=why+you+should+upgrade+to+general+class&aqs=chrome..69i57j33i160l5j33i67l.13664j0j7&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:2587308a,vid:J4RmU-tBDvo,st:0>

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## 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*

## CARA December 19 Holiday Dinner

Photos: W1JGM





# Joint exercise; Connecticut National Guard and Candlewood Amateur Radio Association- CARA

November 14, 2024 Litchfield County Fire Training Facility – Torrington

Photos: Harlan Ford – W1QH    Text: John Morelli – W1JGM  
Layout and editing: Dan Fegley - W1QK

On November 14<sup>th</sup>, the Connecticut National Guard Communications Division and the Candlewood Amateur Radio Association – CARA, met at the Litchfield County Fire Training School in Torrington CT for an onsite interoperability demonstration of the capabilities of the two organizations.

The event was organized by Sergeant Jason De Sousa of the Connecticut National Guard and John Morelli - W1JGM, CARA Vice- President, as an ongoing training program and interoperability exercise. CARA members set up two POTA - style portable stations demonstrating Digital, CW, and single side band communications (SSB) on the amateur radio bands.



Members of the National Guard witnessed CARA Amateurs operate their portable Amateur band equipment - making radio contacts both locally, nationally and internationally, on various bands and modes. They were impressed with the speed of deployment of the Amateur systems and being completely self-contained and battery powered.

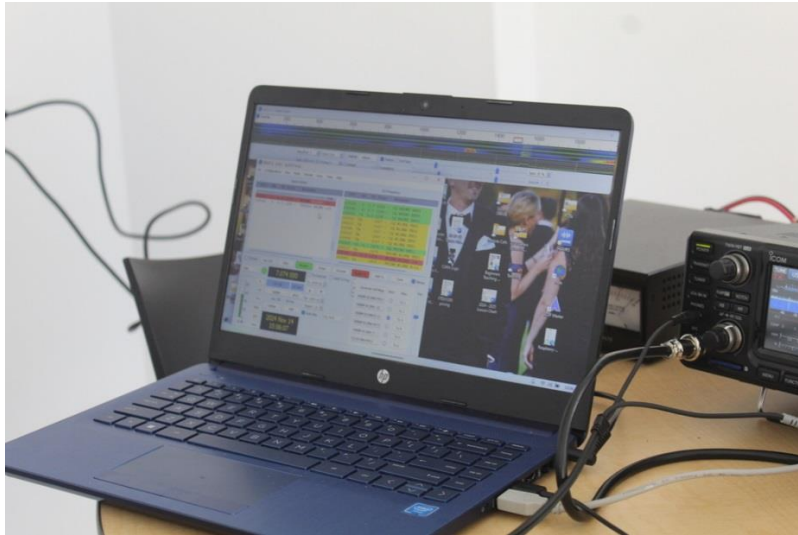
The Amateur antennas consisted of a 20m set of Hamsticks arranged as a horizontal dipole on a 25-foot telescoping fiberglass push-up mast, and an end-fed multiband wire antenna set up as an inverted “V” - also on a 25 foot push-up mast. Both stations used an Icom 7300 transceiver with power supplied from portable LiPo battery packs.



Portable telescoping fiberglass masts for Amateur Band antenna support



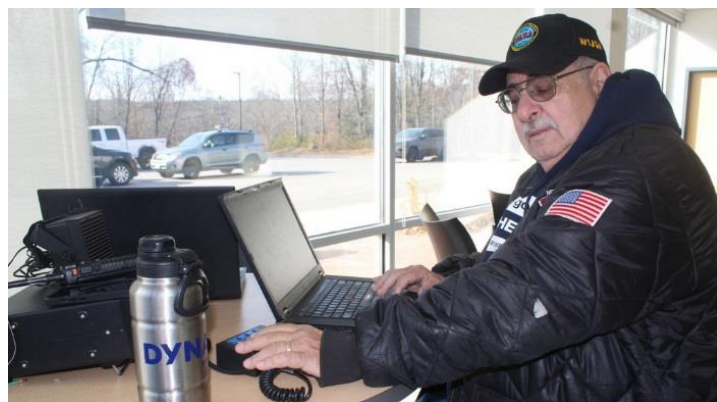
John – W1JMA operating 20M FT8 POTA (Parks on the Air) Style



Laptop using WSJT FT8 software program



End-fed wire antenna supported by 25 Ft. portable telescoping fiberglass mast



John – W1JGM operating 20M SSB POTA (Parks on the Air) Style



20M (14 MHz.) Ham-stick dipole on 25 Ft. portable telescoping fiberglass mast

After our demonstration, we moved outside to the National Guard communications vehicle, where members of the Army and Air Force Guard communications team demonstrated their equipment.



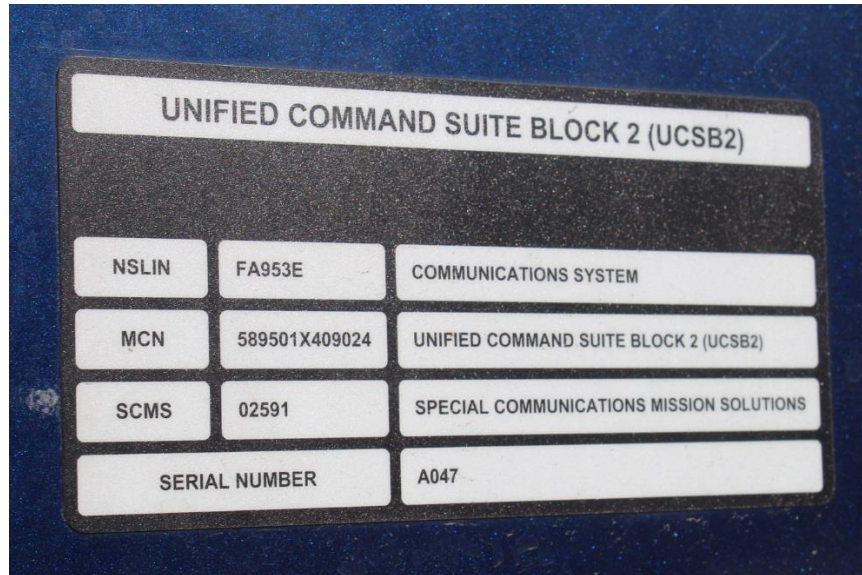
CT National Guard communications vehicle



Pneumatic mast with video surveillance camera

Members of the Guard identified and demonstrated some of the capabilities of the communications vehicle. They included various specialized monitoring and surveillance equipment. The completely self-contained vehicle has facilities for Guardsmen to monitor frequencies from low HF bands to satellite communications - along with some other very specialized monitoring equipment.





CT National Guard Unified Command Suite communications vehicle specifications



Communications vehicle with exterior door & equipment access panels



Interior equipment racks





Interior equipment rack with pneumatic mast and satellite receiver controls



Interior rack with antenna jumper bulkhead panel



Interior rack with HF/VHF/UHF radios





CT National Guard Communications Vehicle radios

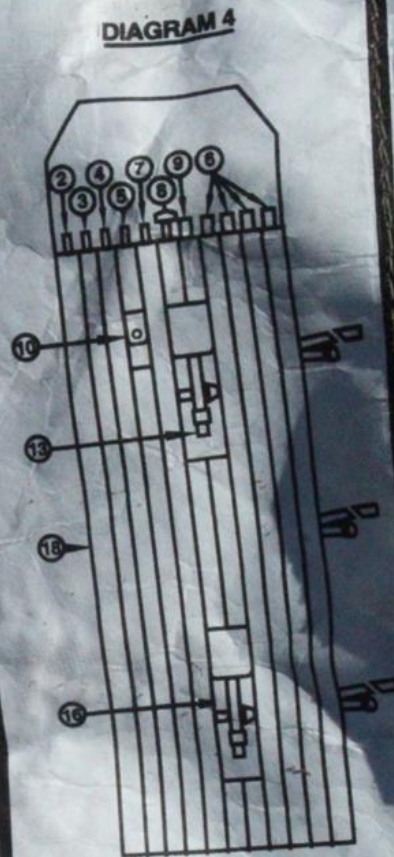
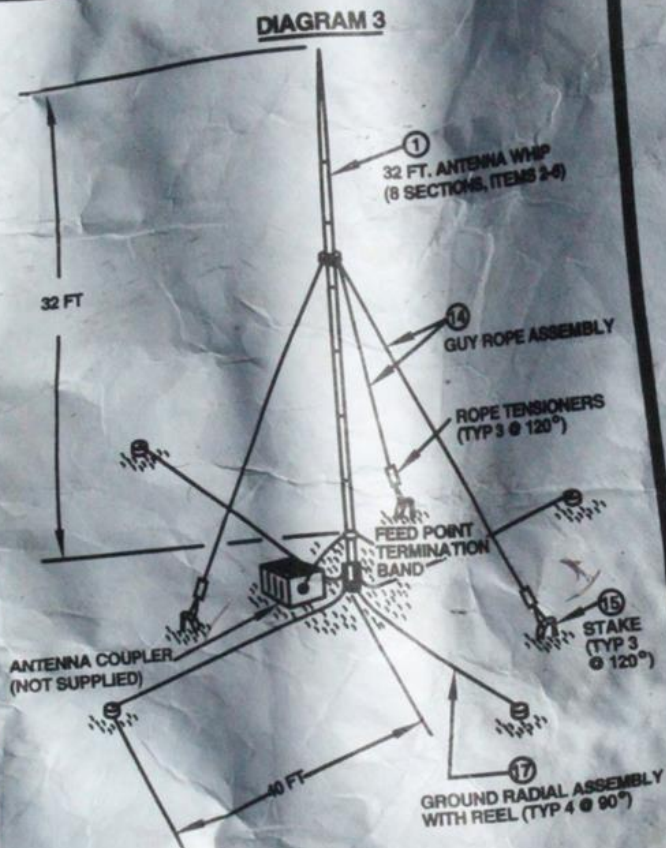
The Guard had been having issues operating their HF capabilities and issues with the vertical antenna system. As always, we offered to assist. Working with the Guard, we helped set up their 26-foot vertical antenna in the parking lot.





National Guard portable HF vertical antenna system





I FOLLOW ANTENNA COUPLER MANUFACTURER'S RECOMMENDATIONS REGARDING  
GROUNDING AND LIGHTNING PROTECTION FOR COUPLER.

**PARTS LIST**

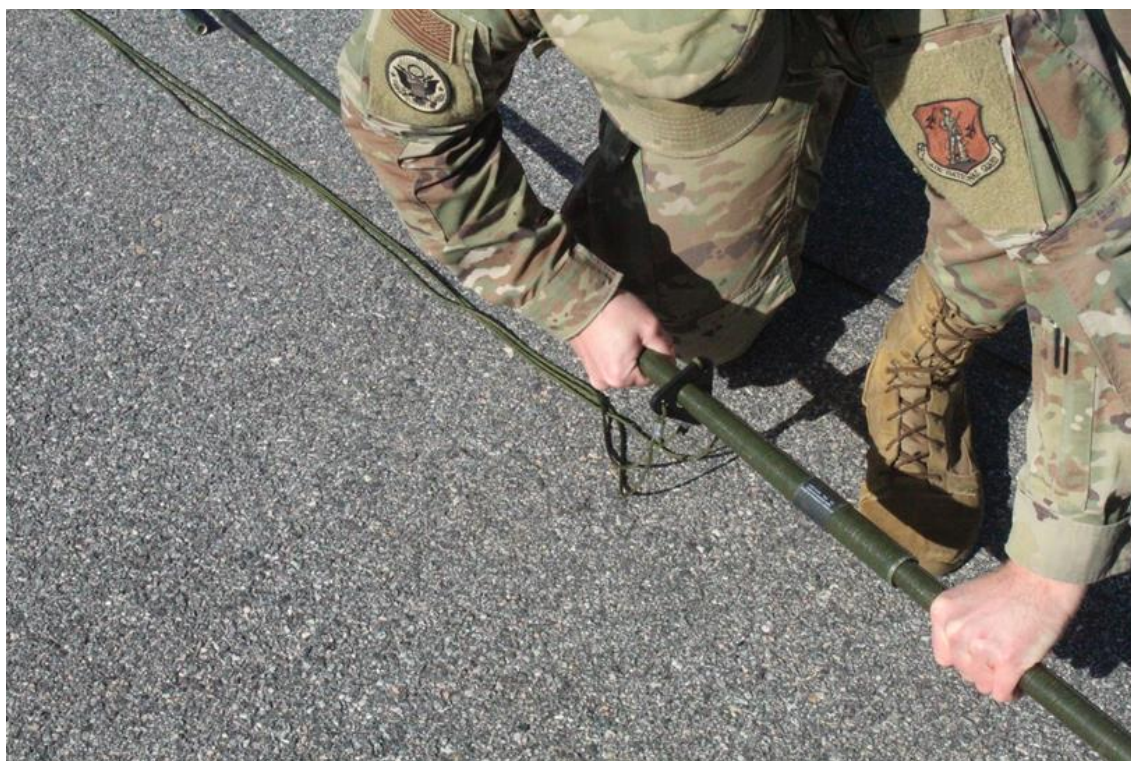
ITEM	DESCRIPTION	PART NO.	QTY.	ITEM	DESCRIPTION	PART NO.	QTY.
1	ANTENNA 32 FT. WHIP (8 SECTIONS, ITEMS 2-6)	STYLE 120-31	1	10	BASE STAKE DRIVER POUCH (ITEMS 11-12)		1
2	TIP ANT. SECTION	STYLE 120-30	1	11	DRIVE COUPLING	35-65-0275-20	1
3	2nd ANT. SECTION	STYLE 120-2	1	12	DRIVE STUD	35-65-0276-30	1
4	3rd ANT. SECTION	STYLE 120-34	1	13	GUY ROPE CASE (ITEMS 14-15)	STYLE 120-69	1
5	4th ANT. SECTION	STYLE 120-8	1	14	GUY ROPE ASSEMBLY	35-25-0133-00	1
6	EXTENSION ANT. SECTION	STYLE 120-14	1	15	STAKE	35-55-0539-09	3
7	STAINLESS STL BASE STAKE	35-65-0274-41	1	16	REEL CASE (ITEM 17)	35-25-0327-00	1
8	SLEDGE HAMMER	35-55-0538-00	1	17	GROUND RADIAL ASSY. W/REELS	35-27-0475-00	4
9	ANT. BASE MOUNT ASSEMBLY	35-25-0328-00	1	18	TRANSPORTABLE CANVAS BAG	85-09-0106-00	1

SHAKESPEARE - Electronics Product Group  
6111 Shakespeare Rd, Columbia, SC 29223

35-90-1029-00



John – W1JGM assisting with assembly of the portable HF vertical antenna system



The Guard mentioned they thought the issue might be damaged sections of the antenna. CARA members, John Morelli - W1JGM, and John Ahle - W1JMA, checked each section of the antenna for continuity and found no issue.



External HF vertical antenna base with built-in matching system



Side access panel and door for external vertical HF antenna system connections.



After evaluating and reviewing the system that included an on-board automatic tuner, Harlan - W1QH, mentioned that there seemed to be no power cable and that the automatic tuner would require a means of injecting power into the single coax feedline. Further investigation revealed that indeed, there wasn't DC power supplied to the external antenna tuner via the coax. The National Guard rechecked their equipment setup and found that the power injector was not energized. After energizing the power injector, the automatic tuner was now operating, and strong signals were being received on the HF radio and the SWR was now acceptable; allowing communications.



John – W1JMA connecting external portable HF vertical antenna system feedline



Assembled & deployed National Guard portable vertical HF antenna system



Sandbags for external portable HF vertical antenna system stability



Because the Motorola wideband radio is manually programmed throughout the HF range, John Ahle- W1JMA programmed the radio in the Amateur Radio Band and made several contacts.



John – W1JMA testing CT National Guard radio operating on the 20M (14 MHz.) Amateur Band with external National Guard portable vertical antenna

The National Guard then programmed the radio for their frequency and made contacts with their counterparts in Kentucky and Florida.

This was another successful training exercise where we all learned more about the capabilities and nuances of our equipment.

Thanks to Sergeant Jason De Sousa and the Connecticut Guard for their time in the joint interoperability demonstration and we all thank them for their service.

Participating CARA members: John Morelli - W1JGM, John Ahle - W1JMA, Harlan Ford -W1QH, and Rosty Slabicky -W2ROS.

John Field, DEMHS Region 5 Regional Coordinator, provided the facility.



# Understanding NVIS or Why does the military have those bent over antennas on vehicles?

**Rosty W2ROS**

**From:**roslabicky@att.net

**To:**caraw1qi@groups.io

Mon, Jan 6 at 8:59 PM

I recently attended a webinar about NVIS.

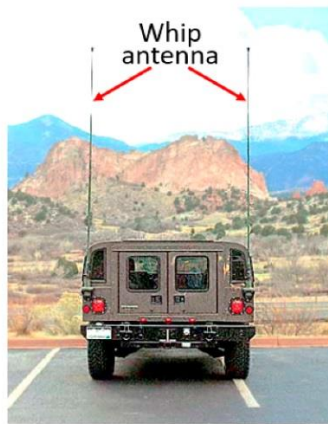
The link below has a very informative video about NVIS basics.

Enjoy!

73

Rosty W2ROS - Director

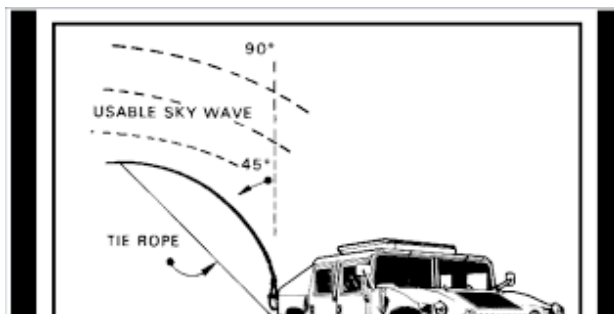
[https://www.rohde-schwarz.com/us/knowledge-center/videos/understanding-near-vertical-incidence-skywave-nvis-video-detailpage\\_251220-908736.html](https://www.rohde-schwarz.com/us/knowledge-center/videos/understanding-near-vertical-incidence-skywave-nvis-video-detailpage_251220-908736.html)



(a)



(b)





## Capers: Swap and Shop

### CARA Swap & Shop Policies:

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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](mailto:w1qk@snet.net) for placement in the CARA Capers.

**There's an extensive list of **FREE** items to CARA members from Terry – N1ACI on the last pages of this month's Capers. Terry lives in Southbury.**

**The items are **free**, except those with a **cash price in red**.**

**There are a lot of items.**

**People interested in item(s) should email me at [brenntf@proton.me](mailto:brenntf@proton.me) or call or text me at 203-233-1052. First come first serve.**

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#### Transceivers/Receivers

- **Heathkit HW-101** and SB600 speaker/power supply. Have not tried to power it up User manual included.
- **Yaesu FT-901DM**. Powered up: main tuning knob doesn't free wheel as it should, but works. The frequency display is intermittent in the MHz digit. Receiver works, but transmitter not tried. User manual included.
- **Kenwood TR-2500**. Not able to verify whether in working condition, with user manual.
- **Hallicrafters S-38 Receiver**. Not able to verify whether in working condition.
- **Hallicrafters SX-42 Receiver**. Powers up, but not able to verify whether in working condition.
- **Globe Electronics** CW only Novice transmitter using an 807 tube.

## Station Equipment

- **Kenwood SP-70 Speaker**
- **MFJ-260C 300W Dummy Load**
- **Aries HP-5000 Active SWR/Power and Modulation Meter.**
- **Globe Electronics VFO Deluxe 5 Band**
- **Heathkit HM-102 RF Power Meter, 200W/2kW**
- **Heathkit Antenna 50 ohm 1kW**
- **Heathkit Antenna 50 ohm 1kW**
- **Heathkit 5PST Antenna Switch model HD-1234**

## Amplifiers

- **Amertron AL-811HD.** Excellent condition, but have not powered it up. **\$800**
- **Pride 100A Solid State Amp, 80-10m**

## Parts

- **Used 18uH Heavy Duty Variable Roller Inductor.** E. F. Johnson 226-1-1 w/ flexible coupling.
- **Used Eimac 5CX1500A,** w/ socket, and SK806 chimney and all decoupling caps.
- **Eimac Tube Socket SK-410**
- **Eimac Tube Socket SK-510**
- **Capacitor, transmitting type,** Dale/Draloric 50pF/30kV 10% new.
- **0-140VAC 10A Variable Voltage Auto-transformer** (similar to a Variac).
- **0-240VAC 28A Variac Variable Voltage Auto-transformer.** Includes 6' input line cord 30A/250V Twist-Lok plug and 30A/250V output socket. **\$100 each**
- **0-240VAC 28A Variac Variable Voltage Auto-transformer.** Includes 6' input line cord 30A/250V Twist-Lok plug and 30A/250V output socket. **\$100 each**
- **Staco 0-140VAC 9A Variable Transformer,** Type J-901 (primary and secondary isolated) w/ face plate and knob.
- **Superior Electric Powerstat 0-135VAC 7.5A, Type 116U Variable Auto-Transformer**
- **Superior Electric Powerstat 0-135VAC 7.5A, Type 116U Variable Auto-Transformer**
- **Superior Electric Powerstat 0-140VAC 3A, Type 20 Variable Auto-Transformer**
- **Box of 200+ used Receiving Tubes.** All tested for emission and shorts.
- **Box of 15 Analog Meters**
- **HV Power Transformer 600V CT.** Condition is used, but in good condition. Pri.: 0,197,208,218,219,230,241VAC, Sec.: 600VAC CT, 300VA Size: 5 1/4"Wx4 3/4"Dx5 1/4"H. Wt.: 14.4 lbs.
- **Power Transformer 5.5V, 7.0V, 845V.** Condition is used, but in good condition. Hermetically sealed. (XFMR 196) Pri.: 0, 115VAC, Sec.: 5.5V, 7.0V, 845V all are CT. Size: 3 1/4"W X 3 1/2"L X 4 5/8"H. Wt.: 5.2 lbs.
- **Filament Transformer 5V @ 43A.** Condition is used, but in good condition. Used in a filament supply for a 5CX1500A tube. Primary: 0,198,208,218,230,240,250VAC. Size: 4 1/2"W X 4 1/2"L X 4 3/4"H. Wt.10.6 lbs.

- **Filament Power Transformer 6.3V@6A, 6.3V, 5V** all are CT. Condition is used, but in good condition. Hermetically sealed. (XFMR 195). Pri.: 0, 115VAC, Sec.: 6.3V@6A, 6.3V, 5V all are CT. Size: 3 1/4"W X 3 1/2"L X 4 5/8"H. Wt.: 7.0 lbs.
- **Power Transformer 24V** Stancor P8664. Condition is used, but in good condition. Primary taps: 115VAC Secondary: 24VAC CT. Size: 5 3/4"Wx6 3/4"Dx7 3/8"H.
- **Power Transformer 95 or 115VAC. 750VA.** Condition is used, but in good condition. Primary taps: 0,108,115,125,198,208,218,220,230,240VAC Secondary: 95 or 115VAC. Size: 5 3/4"Wx6 3/4"Dx7 3/8"H. Wt.: 34.0 lbs.
- **HV Power Transformer 1,850V CT.** Condition is used, but in good condition. Hermetically sealed. (198) Pri.: 0, 115VAC, Sec.: 1,850V CT. Size: 4 1/8"W X 5"L X 5 1/4"H. Wt.: 15.2 lbs.
- **HV Power Transformer 2,600V.** Neeltran Type 1681A. kVA: 3.9. Condition is used, but in good condition. Pri.: 0, 208,215,220,225,230,235,240VAC. 60Hz 1PH Sec.: 2,600VAC. Shielded, Insulation 5kV. Size: 10"W X 10"L X 9"H. Wt.: 74.6 lbs.
- **HV Power Transformer 2,380V.** Neeltran Type 3222, kVA: 3.17 Condition is used, but in good condition. Pri.: LO Side: Lo,Med,Hi,XHi; HI side: 200,210,220,230,240VAC. 60Hz 1PH Sec.: 2,280/2380VAC. Shielded, Insulation 7.5kV. Size: 10"W X 10"L X 9"H. Wt.: 78.4 lbs.
- **HV Power Transformer 2,170V.** Neeltran Type 3353, kVA: 3.17 Condition is used, but in good condition. Pri.: LO Side: 1,2,3,4,5; HI side: 180,200,210,220,240VAC. 49-61Hz 1PH Sec.: 2,170VAC. Shielded, Insulation 7.5kV. Size: 10"W X 10"L X 9"H. Wt.: 83.4 lbs.
- **HV Power Transformer 4,000V.** Neeltran Type 1971. kVA: 2.0. Condition is used, but in good condition. Pri.: 0, 190, 200, 208,215,220,230,240VAC. 60Hz 1PH Sec.: 4,000VAC. Shielded, Insulation 10kV. Size: 7"W X 8"L X 9"H. Wt.: 57.8 lbs. There are 2 available.
- Rack Mounted 27.12 MHz Industrial RF deck w/power supply (8877 not included).

**Those interested in item(s) should email me at [brenntl@proton.me](mailto:brenntl@proton.me) or call or text me at 203-233-1052. First come first serve.**

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## Theodore F. Melinosky – K1BV

New Britain, Connecticut January 20, 1940 - December 31, 2024

Theodore F. Melinosky, 84, of Columbia, formerly of New Britain, died Tuesday (Dec. 31, 2024) at St. Joseph's Living Center in Windham. Born in New Britain, the son of the late Theodore and Anne (Miglinas) Melinosky. He graduated from N.B.H.S. and the University of Hartford. He entered the U.S. Navy soon after and spent five years on active duty and seventeen years in the reserves earning the rank of Commander when he retired. He started with the Travelers Insurance Company in the Underwriting Department and quickly rose to the title of Assistant Director. During that time, he studied for the CPCU designation and received his diploma in Honolulu, Hawaii. Later he worked for management at the National Grange Ins. Co. in Keene, NH.

Ted was an avid Ham Radio operator, his call sign was K1BV. He belonged to the ARRL and participated in many clubs and contesting activities. There always was a 60' tower in the background of every home we lived in. He wrote a monthly column for the CQ Radio Magazine for many years.

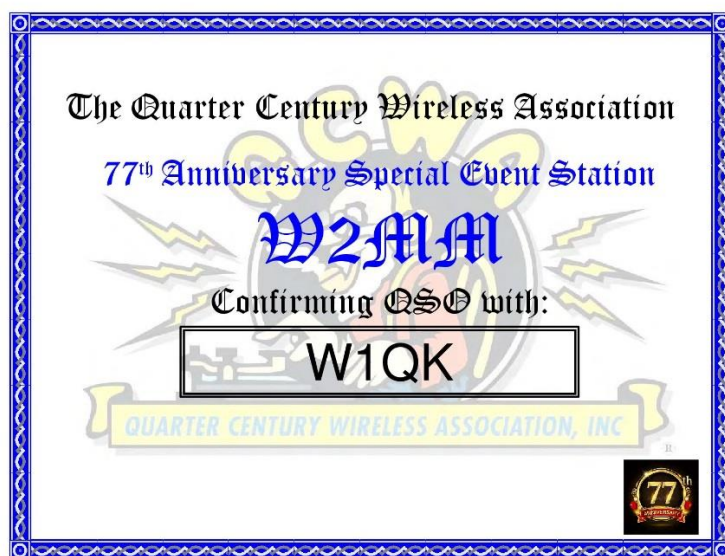
He served on the Zoning Board for the Town of Columbia, for many years. Ted was a responsible blood donor and received 22 one gallon pins, only stopping after his diagnosis of Afib. He enjoyed working outside whether it was his vegetable garden, flower garden or tending his blueberry and blackberry bushes.

Friends and family are invited to a Mass of Christian Burial Thursday (Jan. 9, 2025) at 10:30 AM at St. Francis of Assisi Church 1755 Stanley St. New Britain. Burial will follow in St. Mary Cemetery, New Britain.

In lieu of flowers, donations may be made to the Alzheimer's Association, Wounded Warriors or the Red Cross.

**Editor:**

Ted was a very active ham who made several presentations at CARA meetings on QSL'ing, DX'ng, and applying for operating award certificates (wallpaper). He was also a member of the Yankee Clipper Contest Club – YCCC.



**W2MM QCWA 77th Anniversary Special Event Special Event Certificate**

Dear W1QK,

The W2MM QCWA 77th Anniversary Special Event Special Event Certificate is available for download. You received this email because you worked us during the W2MM QCWA 77th Anniversary Special Event. We manually looked up your email on QRZ.

The W2MM QCWA 77th Anniversary Special Event Special Event Certificate is here:  
<http://cert.elemcoshopfloor.com/>

Enter the call sign you used to contact us. There is a drop-down box for events, select W2MM QCWA 77th Anniversary Special Event, Press Search.

A list will come up showing your contacts if you are in the log. Click Get Certificate to download your certificate.



## 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.

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