



Capers

October - 2024

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

***This in-person meeting will be conducted on Friday, October 11 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.***

[CARAW1QI] CARA Constitution/By-Laws Discussion at this Friday's Meeting 7:30pm
Stony Hill FD

CARA Treasurer

From: treasurer@w1qi.org

To: caraw1qi@groups.io

Mon, Oct 7 at 9:24 PM

At our meeting, this Friday we will have the final discussion and vote on the attached updated Constitution and Bylaws. This latest version has suggested changes provided by several members. If you have not already read previous versions, please review this copy. We will make any final changes and then vote provided there is a **quorum based on the existing by-laws.**

These are governance documents, not policy and procedures documents.

The current bylaws require the following quorum: President or VP, Secretary, 2 Directors and 10 additional members. We need people to come to this meeting so we can finish this process and move forward.

Thank you. 73

CARA Monthly Agenda

October 11, 2024 Stony Hill FD

Meeting call to order.

- Pledge of Allegiance
- Welcome new members and guests!
- Members introduction

Secretary Report:

- Acceptance of Previous Month's Meeting Minutes as Published in CAPERS
- Correspondence if any

Treasurers Report:

- Acceptance as Published in CAPERS
- Updates if necessary

PROGRAM: None

Committee Reports

- Repeater Committee Reports: Steve, W1SMS
- Website and IT Committee: Stephanie Fuda, KC1UZZ
- Operating Activities Committee
 - Winter FD January 2025
 - POTA October 19 10am to 2pm Lovers Leap New Milford
 - Future POTA's 3rd Saturday of Month 10-2 Location TBD
 - Tentative New Fairfield Day Special Event Sunday 10/20 9am-4pm
- Fund Raising Committee
- Membership Committee

Old Business

- Discussion and Vote on New Constitution and Bylaws
- Status of Lend Lease Program
- Special Event station Sat 9/7 at Danbury Railway Museum 10-3-Wrap Up
- Special Event station Sun 10/13 New Fairfield Car Show Squantz Pond
- General Class Status January-March 2025
 - 4 current Tech members interested
 - Study books have been acquired

New Business

- Joint Activity with National Guard and EOC
 - Possibly in November in New Fairfield
- November Program- **Introduction to Contesting??**
- Club Stations on the Air Program December to March 3rd Saturday 12-3pm
 - Volunteer Stations Needed
 - Will implement a sign-up process for each month
- 2025 Budget and Membership Dues-Vote Required
- Donation of ARRL Handbook to Danbury Library

Announcements

- Pasta Night Tuesday 10/15 at 6pm Vespucci Lodge
- **ARES SET 10/26 9-12pm**

Good of the Order

Adjournment and Next Meeting

- October planning meeting Friday 10/25 at 7:30 on Teams
- Monthly meeting Friday 11/8 at 7:30 Stony Hill FD

President's Message

de W1NSK



Happy October! Hard to believe Fall is now here and the Holidays are just around the corner.

This month CARA will be commenting on / voting on a revised constitution. This has been a work in progress over the last year. The overall impetus was to revise and simplify the document. Since Covid we have found that meeting attendance is down. Not having a quorum

necessary to approve spending for club ongoing needs has been a hinderance. This has been addressed as have other issues. Please review the document that has been widely circulated. Bring up any questions and be sure to vote when it is taken.

The ARRL New England Division Directors election is soon to be held. All ARRL members should please try to vote for one of the two candidates. If you are not an ARRL Member please join. We are an affiliated club and maintain a majority of our members to be league members as well.

I call your attention to the new CARA Lend Lease Program for HF Transceivers. We have one available for a maximum of 6 months. Our aim is to help new Hams get the on the air, try out a rig to see what they may like to buy, and try the "HOT" HF Bands at the top of the Cycle.

Contact John, W1JMA for details and application.

Several Club Operating Events are being held this month. We will have a booth at the New Fairfield Car Show, A POTA Event will again be held, and our usual Spaghetti Dinner (informal) the third Tuesday of the month. See CAPERS and our Website to stay informed of details of these and upcoming events.

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.

We are a group of volunteers. If you haven't yet joined a committee, please let one of the officers know what your interests maybe and we'll get you involved! We are especially looking for a "Chief Information Officer" to work on publicity for Club events and happenings. If you have an interest in this area let an officer know.

The Nutmeg Ham fest is October 13th, 8 AM to 2 PM. Sponsored by The Meriden Club and held at Maloney High School in Meriden. The ARRL Forum and a CT Parks on the Air Forum will be held, Also included is a good sized indoor/outdoor Flea Market.

See you on the Air!

73, Bud - W1NSK
CARA President



CARA Has been an ARRL Affiliated Club since 1946 – 78 Years in 2024

Vice-President's Message:

de W1JGM



Fall has arrived, and so far, - the weather has been fantastic in the Northeast.

Before I explain our local events, I'll take a moment to remember many of our fellow Americans who were impacted by hurricane Hellene in Georgia, the Carolinas and Tennessee. I suspect it may take decades to recover from the devastation . Sadly, another hurricane has been forecast to impact Florida. Amateur radio has proven to be a critical component for passing information in and out of the affected areas. This is an important reminder for us in the Northeast to prepare for weather that may affect our area. Now's the time to check your station equipment, backup emergency power, and especially your antennas.

Practice your radio operating skills during CARA's special events.

One way I highly recommend being sure that you are prepared is to participate in CARA's Parks On the Air (POTA) events. These events

are excellent practice in setting up your station in an emergency to provide crucial local, regional and national communications when needed.

New Fairfield Car Show – October 13

This month, we'll be setting up and operating two separate special event stations. The New Fairfield Lions Club's 31st Annual Car show is Sunday, October 13th. The show will run from 9:00 am until 3:00 pm.

It attracts many vintage, custom, and hot rods. The car show will be held at the upper field of Squantz Pond State Park, which allows us to do a special event, while activating a POTA park.

New Fairfield Fair Day & Boy Scout Jamboree On The Air – October 19

Two more events follow the car show. The New Fairfield Fair Day has been rescheduled for October 19th because it was rained out in September. We'll set up at 9:00 am at Memorial Field, located at the junction of Route 37 and Route 39 behind the new Fairfield Town Hall. The Fair runs till 4:00 pm, and we'll be using the W1QI club callsign.

Jamboree On The Air (JOTA) will be held at the Hoyt Boy Scout Camp in Redding. Jamboree On The Air is an annual on-the-air operating event sponsored by the Boy Scouts of America that allows Scouts to investigate various occupations and activities related to radio and communications. Additional information on the JOTA event will be posted on CARA's Groups IO Reflector.

Our monthly Pasta Night dinner will be held on Oct. 15 at the Amerigo Vespucci Italian American Club Lodge on Christopher Columbus Drive in Danbury. CARA members meet at 6:00 pm for dinner. Dinner is open to all. The cost is \$12.00 cash with a cash bar for beer, wine and soda.

One of the most important events this month is our club meeting on Friday, October 11. The meeting will be held at the Stony Hill Fire Department in Bethel, CT. Doors open at 7:00 pm and the meeting will start promptly at 7:30 pm. At this month's meeting, we'll discuss and vote upon the revised CARA club constitution and bylaws.

New club being formed to support New Fairfield's EOC station

I'm also working to organize a radio club for the New Fairfield EOC station to be prepared for ARES support and during activations. Anyone interested – especially New Fairfield residents (or CARA members who are already ARES members) interested in becoming a charter member of this club is invited to contact me.

As always, remember this is your club, be part of it.

73,
John Morelli - W1JGM
CARA Vice-President



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

September 13 - Monthly Business Meeting Minutes

de CARA Secretary/Treasurer, John Ahle - W1JMA



CARA September 13, 2024, **Meeting Minutes**

The September meeting was called to order by John, W1JGM, Vice President. John Welcomed all members and guests.

The program for the night was on ARES, presented by Phil K1XFC.

No other business was discussed. All items will be deferred to the October Meeting.

Announcements

- Pasta night is Tuesday 9/17 at 6pm at Vespucci Lodge.
- POTA at Squantz Pond Saturday 9/21 at 10am.

Adjournment and next meetings

- The September planning meeting will be Friday 9/27 at 7:30 on Teams
- October Business meeting on Friday 10/11 at 7:30 Stony Hill FD
- The meeting closed at 9:15 PM.

CARA Treasury Report **September 30, 2024**

Income: Full Member Dues 2024
\$1940

Income: Associate Member Dues 2024
\$0

Total Income: \$1940

Expense: Donations- WA7BNM
Website , POTA & BPF
\$300

Expense: Insurance – Equipment &
Liability
\$305

Expense: PayPal Fees
\$15.60

Expense: Website/Hosting Fees
\$52.15

Expense: NEQSO Plaque
\$50

Expense: Event Banners
\$120

Expense: Repeater Repairs
\$979.90

Expense: Food
\$75.15

Total Expense:
\$1897.80

Net Income for Period
\$42.40

Cash: Checking \$6678.62
Cash: Petty \$50
Investment: IBond \$7343

Unrestricted CASH Balance:
\$14071.62

Number of full members: 57
Associate members: 0

Cash: Petty \$50
Investment: IBond \$7343

Unrestricted CASH Balance:
\$14167.94

Number of full members: 57
Associate members: 0

CARA Proposed 2025 Budget:

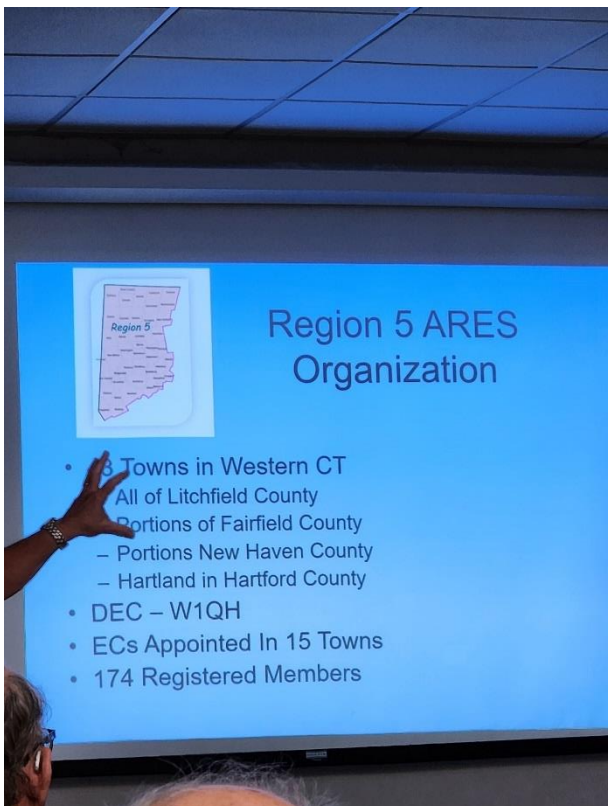
Category	Amount	Amount
Dues Full Member: 50@35	\$ 1,750	
Dues Full Member: 50@40		\$ 2,000
Insurance: EQ and Liab	\$ 325	\$ 325
Internet: Web and Domains	\$ 350	\$ 350
Donations to Ball Pond FD	\$ 250	\$ 250
Donation to Stony Hill FD	\$ 150	\$ 150
PayPal Fees	\$ 40	\$ 40
Field Day/Operating Supplies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

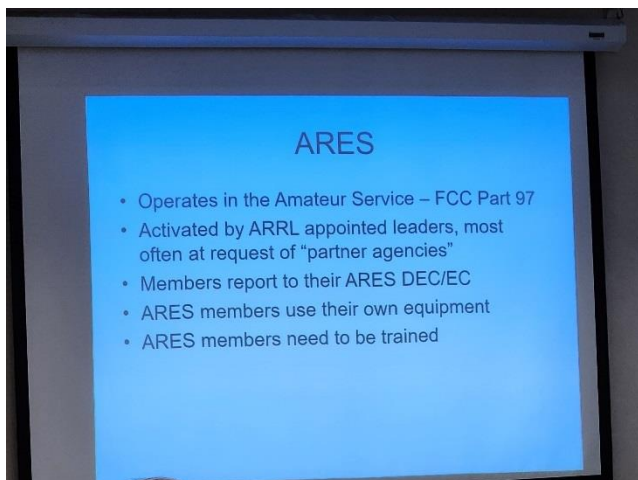
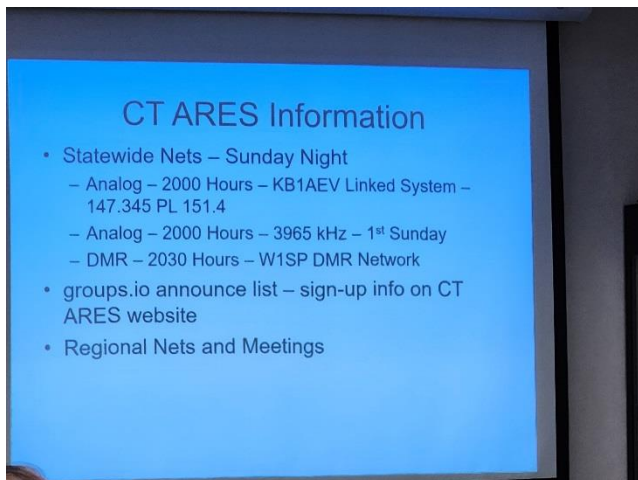
September 13 Meeting Presentation Summary:

*Philip Crombie – K1XFC, ARRL CT ARES
Section Emergency Coordinator*

Photos: W1QK

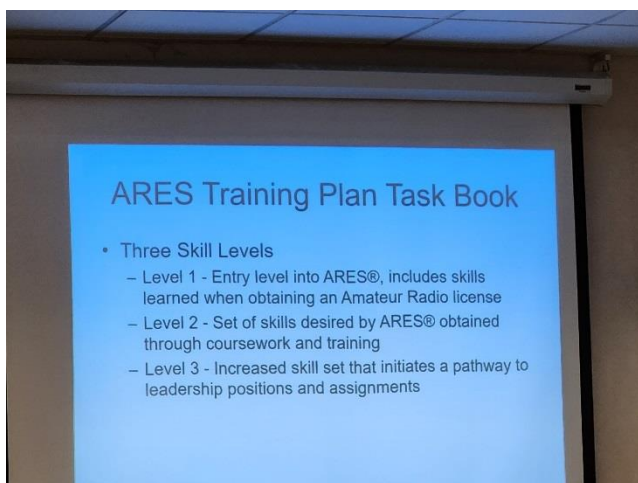






CARA Monthly Pasta Night Dinner:

September 17: Italian American Club – Danbury
Photos: W1QK





CARA Merch: Update

In July, Dan - N2DGT, made a motion to allow JSC Embroidery to set up a CARA Bling 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: 28.490 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:

Oct. 11: CARA Monthly Business Meeting. In-person at Stony Hill FD, Bethel. Gather at 7:00 pm, gavel at 7:30 pm.

Oct. 12: NV, PA, SD QSO Parties

Oct. 13 Nutmeg Hamfest – Maloney High School, Meriden (new location)

Oct. 13: CARA W1QI Special Event Station at New Fairfield Lions Car Show – Squantz Pond State Park – New Fairfield. 9:00 am – 5:00 pm

CARA monthly POTA activation – Squantz Pond State Park – New Fairfield. Contact W1JMA CARA POTA coordinator.

Oct. 15: CARA Monthly Pasta Night Dinner - Vespucci Italian-American club in Danbury on Vespucci Dr. \$ 12 cash for bowl of pasta with meatball and/or Italian sausage link with delicious sauce, salad, bread & butter. Cash bar for soda, wine, and beer. 6:00 pm.



Oct. 19: Boy Scout Jamboree On-The- Air.
Hoyt Scout Camp – Redding, CT, Pre-registration required for CARA member participation

Oct. 19: NY, IL QSO Parties. Stew Perry 160M
Top Band Distance Contest: CW

Oct. 25-27: CQWW DX SSB HF Contest

Oct. 25: CARA Monthly Planning Meeting on
TEAMS: 7:30 pm

Oct. 26: ARRL CT ARES Annual Section
Simulated Emergency Test – 9:00 am –
Noon @ area EOC's

Oct. 28: CT ARES Region 5 Monthly meeting via
TEAMS.

Oct. 9, 16, 23, 30: CWops CWT contest - 1300Z
& 1900Z Wednesday, and 0300Z (Thursday)
[https://cwops.org/cwops-](https://cwops.org/cwops-tests)
[tests/https://cwops.org/cwops-tests/](https://cwops.org/cwops-tests/)

**November 1: November 2024 Capers input
deadline: 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>

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

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

Editor:

*CARA has contributed financial support to WA7BNM
for his Contest Calendar and 3830 Contest Scores
websites for two years.*



September 25, 2024

Editor: [Paul Bourque, N1SFE](#)

Sights and Sounds

POTA and Contesting: A Great Combination

Seasoned contester and chairman of the California QSO Party Dean Wood, N6DE, and passionate Parks on the Air (POTA) activator and contester John Owens, NN6U, joined Kevin Thomas, W1DED, for an interview on his YouTube channel, W1DED Worldwide Ham Radio.

Dean and John discuss how portable operations such as POTA are breaking down traditional barriers to contesting. State QSO parties, like the California QSO Party, are encouraging POTA activators to participate, offering special awards and incentives.

The video is available at <https://www.youtube.com/watch?v=QuPezzuTDZ0>.

– Thanks to Dean Wood, N6DE

Autumn kicks off the major Ham Radio Contest season.

Two of the year's biggest events are the ARRL November Sweepstakes and the CQ Worldwide.

Contesting is a great way to improve your operating skills and a great excuse to upgrade your station. It's also your best opportunity to work some new States or DX Countries.

This year CQWW SSB is October 26th-27th, and CW is November 23rd-24th. Sweepstakes CW is November 2nd-4th, SSB is November 16th-18th.

New -- or even not-so-new -- to Radio Contests? [Click here for some tips](#) on how to make the most of them. Every licensed Ham has at least some operating privileges on the HF Bands, and with the sunspot cycle improving daily this year's events should provide a whole lot of fun.

Source:

<https://www.qsradio.com/contest-fun.html>

New to Contesting? Here are some tips for you.

I'm at best a casual contester. My modest station includes a 100W HF rig and a wire antenna up about 30 feet. Squarely in "Peanut Whistle" territory, for sure, compared to many others. But I do enjoy getting on the air and working stations all over the US and the world. With just a bit of effort,

you can often get your Worked All States, or DXCC Award, in a single weekend. If you're new to HF, or contesting, here are ten tips for you. What?? You still haven't passed your General Class License test? Take a look at my tips for passing here. Find an exam session and join the fun.

#1. Read the contest rules. Understand what bands you can use, what your entry category will be, and what the "exchange" is. Simply, that's the information you will give to the other station and he/she will give to you. In the CQWW, for example, you send them a signal report and your CQ "Zone". Since I live in the Eastern US, I'm in Zone 5, so I would send "59 05". Note that by tradition, in a contest everyone has a 59 or 599 signal.

#2. Get with the program. Specifically, a logging program. There are quite a few options out there. My personal choice is the N1MM Logger. It's free and has an amazing array of features. It's updated regularly and has an extremely active online support community. It also interfaces with just about any modern HF radio you might own.

There is a bit of a learning curve involved, so you don't want to wait until the last minute to install it and familiarize yourself with it. Get it now, connect your rig, and spend a little time with it. You might want to start a "fake contest" -- select CQWW, for instance, and enter some calls. Get to understand the entry window, and what other windows you might or might not want open during the contest. After you enter a few dozen fictitious contacts, make sure that the program will produce a Cabrillo file with an accurate score and summary. Hint: If it doesn't, the problem is in your setup, not the program itself. And finally -- don't get into the habit of hearing a station, writing his call and info down on paper, and then entering it in the computer. This only wastes time and leads to more mistakes. Enter it straight into the program. And if you already have logging software installed, make sure you have the latest upgrades and support files installed and working.

#3. More Butt-in-Chair-Operating-Time = more contacts. Turn off distractions like texting, Facebook, e-mail, TV, broadcast radio, etc. Concentrate. But don't forget to take breaks. For 5 minutes every hour, get up, stretch,

get some fresh air and a glass of water or a cup of coffee.

#4. Set an achievable goal. Face it. If you're not an experienced tester with a "Big Gun" station (yet!) you're not going to win. But you can certainly try to beat your score in last year's contest. Or work DXCC in a weekend. Or outscore your buddy across town.

#5. Study propagation forecasts and get a sense of what bands are likely to be open to areas you want to work, and at what times. This will help you come up with a basic plan. But remember that band openings can occur at any time, so if you're operating in a category that allows it, keep an eye on the DX cluster because those openings can often be brief but intense.

#6. Don't waste time in pileups early in the contest, especially if you have a Little Pistol station like mine. Sure, give those rare ones a call or two, you may get lucky. But you're competing with guys running plenty of power into big antennas. Go back to them later in the contest, after they've worked all the Big Guns. Often enough they'll be begging for contacts and you'll work them easily.

#7. Work those Mults! Most contests include "multipliers" in their scoring system. Basically, your score is calculated like this: You get a set number of points for each contact. Then, depending on the contest, you get one mult for each country, or each state, or each something that you work. Multiply your points by the number of mults, and that's your total score. You can see that each mult makes a much bigger difference in your score than another contact in the same country or state. Again, read the rules for the contest you're operating in.

#8. Know Those Knobs! Try to familiarize yourself with the controls on your radio. Just about every rig has an attenuator, a pre-amp, an RF Gain control, and a noise blanker. Most also include an IF shift or pass-band tuning adjustment. An old trick that QRP (very low power) operators use is to turn OFF the pre-amp and turn ON some attenuation. That may seem counter intuitive. But now if a station is loud to you, the chances are much better that you're also loud to them. Let their big antennas and high power do the "heavy lifting". Similarly, turning down your RF gain can

knock down a nearby (in frequency) Big Gun so you can work a weaker station.

#9. Use standard phonetics. My call is N1GNV. Years ago, I enjoyed having a small vegetable garden. It was kinda fun to announce my call as No One Grows Nicer Vegetables on the local repeater or among Ham Radio friends. But in a contest, that only causes confusion and mistakes -- and is considered poor practice. November One Golf November Victor is what the other guy is expecting to hear. In noisy or otherwise difficult conditions, I might say "Golf November Victor, Germany Norway Victoria" but that's about it. Standard Phonetics in contests, always.

#10. Listen before you call. Make sure you've got the other station's call and exchange. You can even pre-enter it in your logging software. Listen to his pattern. Does he say "QRZ?" after each contact? You want to make sure you're transmitting when he's listening. Work him (making sure he's got YOUR call correct!), hit enter, and he's in your log. Move on to the next one.

#11. Bonus Tip: Many Hams travel to rare locations and assemble stations just for the major contests, particularly CQWW. In the days leading up to the event, they'll be testing their equipment on the air. That can be a great opportunity to test your own setup and snag a few more countries at the same time.

Finally -- this is a hobby. It's supposed to be FUN!! Enjoy the contest, and I hope to work you on all the bands.

2024 Ham Exam Schedule



Upcoming CARA 2024 Amateur radio exams:

I have scheduled the following times for ham radio testing at the Stony Hill Firehouse.

All sessions are at 11:30 am on Saturdays.

December 7, 2024

73, Jon Bernon - AJ1U

CARA Volunteer Examiner Session Coordinator



CT ARES Information: Annual Connecticut Section Simulated Emergency Test - SET

Phil Crombie, K1XFC CT Section
Emergency Coordinator

From: crombiejr@snet.net Thu, Sep 26 at 11:20 AM

Good Morning:

As I've been announcing on the Sunday night analog and DMR ARES nets, the Connecticut SET will take place on Saturday October 26 from

0900 to 1200 hours. The purpose of the SET is to engage as many ARES members as possible in testing their emergency communications capabilities. We do this following a probable scenario that could impact Connecticut. Last year was a hurricane with information that built up during the week before the test. On SET Saturday we tested VHF, UHF, HF and digital communications modes. We also activated several local EOCs. Details on this year's scenario will be provided as we get closer to October 26; thirty days from today.

The purpose of this email is to get the event on your calendars and to encourage everyone to set aside the time to participate.

More information to follow.

73,
Phil Crombie, Jr., K1XFC
Section Emergency Coordinator (SEC)
Amateur Radio Emergency Service (ARES)
Connecticut Section
Cell: 860-338-6332
crombiejr@snet.net

PS: Please remember that this announce group has close to 550 members. The purpose of this tool is to facilitate communication by ARES leadership with CT ARES members. Be very careful if you chose to reply to any CT-ARES announce group message. It is always best to send an email specifically to the sender. We want to avoid getting 550 members involved in an email string. Thanks.

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 WinLink Wednesday:

<http://www.ctares.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



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 Danbury EOC Greater Danbury
Area
145.630

Next CT ARES WinLink Wednesday:
Wednesday, November 6



John E. Ross, KD8IDJ, Editor | October 3, 2024

Amateur Radio in the News

[“Ham radio demonstration to be held Saturday”](#) / The Valley Breeze (Rhode Island)
September 26, 2024 -- *The Blackstone Valley Amateur Radio Club is an ARRL Affiliated Club.*

[“How to stay in touch when the grid goes down: ham radio, Wi-Fi, and other lifelines during disasters”](#) / The Citizen (Georgia)
September 29, 2024.

[“Amateur radio operator helps in September 21 rescue”](#) / Idaho County Free Press (Idaho)
September 20, 2024 -- Clearwater County Emergency Management.

[“When cell towers and internet fail, ham radio operators can still talk. How to get involved”](#) / The News & Observer (North Carolina) October 3, 2024 -- [The Raleigh Amateur Radio Society](#).



“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: Nothing listed this month



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
Vincent Tompkins – N2OHH
n2ohh@w1qi.org
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*



November issue input deadline: November 1

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.

This summary is reprinted as a courtesy of: The Mahoning Valley Amateur Radio Association's Award-Winning monthly newsletter: "Voice Coil"
<http://www.mvara.org/News/Current.pdf>

Editorial:

And now for some different viewpoints to think about:

<https://offgridham.com/2017/08/the-future-of-amateur-radio/>



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](#).

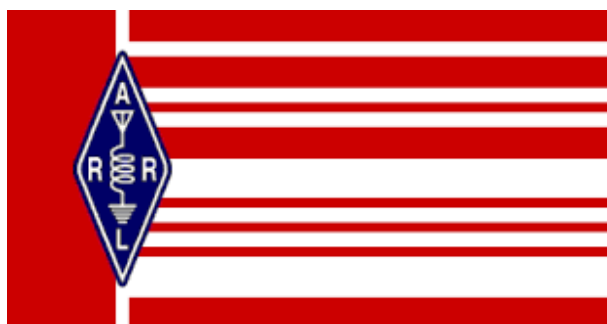
- Listen to [ARRL Audio News](#), available every Friday.

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



August 20, 2024

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



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

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 contesters 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/>

CARA Special Event Station Operation:

Saturday, September 7 - Certificate Details

W1QI was activated on September 7 from the Danbury Railway Museum - DRM, on White Street in Danbury in conjunction with the Metro North Railroad Amateur Radio Association - W2MNR in recognition of DRM's 30th year anniversary celebration.

A special certificate for making contact with either W1QI or W2MNR can be requested here: <https://cararadioclub.org/>

<https://cararadioclub.org/special-event-station>

More information about DRM at: <https://www.danburyrail.org/>

The Danbury Railway Museum is in the heart of Danbury, Connecticut. Our [fully restored train station](#), built in 1903, houses a collection of historically significant artifacts and a [research library](#) covering railroading's rich heritage in New England and the northeast United States. [Just behind the station is an extensive rail yard](#), featuring over 60 pieces of [historic railroad equipment and rolling stock](#). The Museum and rail yard are [open year-round](#). Family-friendly [rides aboard our historic trains](#) are offered every weekend between April and December, and special event trains are operated for Easter, Autumn, and Christmas. **Welcome aboard!**

Source: <https://www.danburyrail.org/>





The 32nd Annual

Nutmeg Hamfest

and ARRL Connecticut State Convention

Sponsored by the Meriden Amateur Radio Club, Inc.

Sunday, October 13th, 2024 - 8:00 AM - 2:00 PM



New
Location!

MALONEY HIGH SCHOOL

121 Gravel Street, Meriden CT 06450

A great new facility with plenty of room for tailgating!

MANY GREAT DOOR PRIZES!

Free Parking - Food - Vendors - Loads of Tailgating!

ADVANCE TICKETS VIA PAYPAL
OR VENMO AVAILABLE NOW!



<http://www.w1nrg.com/activities/nutmeg-hamfest/>

\$10.00 + \$1.00 Transaction fee.

FEATURED SPEAKERS & ACTIVITIES

ARRL FORUM

9:00 am - 10:00 am

Fred, AB1OC, ARRL New England Div. Director
Douglas, WA1SFH, ARRL CT Section Manager

CONNECTICUT POTA ACTIVATORS GROUP

10:00 am - 11:00 am

Shawn, KC1NQE

WINLINK & ARES: 2024 & BEYOND

10:00 am - 11:00 am

Bill, NR1B

AMATEUR RADIO & WEATHER: THE ROLE OF SKYWARN & CoCoRaHS

11:00 am - 12:00 pm

Ed, W1YSM, MARC President
Matt Spies, CT CoCoRaHS Coordinator

PLUS: GO BOX COMPETITION - CW DEMONSTRATION - CERT / EMCOMM EXHIBIT - ARRL BOOTH

ADMISSION INFORMATION

Inside vendor setup & tailgating starts at 6:00 AM

Building opens to the public at 8:00 AM

Admission: \$10.00. Under Age 18 admitted free

Tailgating: \$15.00 per outdoor space.

Inside Tables: \$25.00 (\$20.00 if paid by 9/10)

6 ft table & chair

STUDENTS
ADMITTED
FREE!!!

VENDOR CONTACT

John Bee, N1GNV
Quick Silver Radio
47 Billard Street No. 7
Meriden, CT 06451

Please Support Our

MAJOR EXHIBITORS

Quicksilver Radio Products

KJI Electronics

Hamsource

VE SESSION

The VE Session begins at 9:00 AM sharp

Contact: Jim Savage, N1ZN@arrl.net

Note: While we may be able to accommodate walk-ins, pre-registration is strongly recommended.

Less than 2 hours from NYC, LI, NJ, NEPA, Boston, & Albany and only seconds from I-91!

Talk In: W1NRG/R 147.360 +.600 PL 162.2

VISIT THE MERIDEN AMATEUR RADIO CLUB WEBSITE FOR UPDATES: www.w1nrg.com

ANNOUNCEMENT...

WHAT: ARES and POTA "GO BOX" Show and Tell

DATE: Sunday, October 13, 2024

HOURS: 8:30 am – 10:30 am

WHERE:

NUTMEG HAMFEST 2024

Maloney High School

121 Gravel Street Meriden, CT 06450

Open to ALL Hams

A Perfect excuse to "Get Organized" to "Go Portable"!

- Make Portable operations less of a hassle and chore.
- Eliminate the last minute hunting for gear before leaving.
- Banish the frustration of not having what you need at the operating site... because it is still back at the home QTH.

Note: For many hams on a budget, their "Go Box" does "double duty" as their Home Station.

The "Go Box" is probably **the best way to organize** your radio equipment for those times when you want to (or need to) "Grab-'n-Go" for Portable Operations such as:

- Public Service Events
- ARES Drills/Exercises
- Real World Disasters

- **Parks On The Air** activations
- Day Trips to: the Park, Beach, Woods, or... the In-Laws.
- Weekend Get-Always
- Vacations

Don't Have a "Go Box"? BUILD ONE!

You can build/assemble your own "Go Box" in less than one day, and it will probably be better than my Proof of Concept example.

See: www.ctaresregion2.org/forum/prepared-to-go-go-go

BE CREATIVE!

Your creative design and build may be exactly the thing that get someone else to build his own "Go Box"... or modify their existing "Go Box".

BRING IT!

Come with your "Go Box" to the Nutmeg Hamfest for Display, Judging, and Awards or Show & Tell

AWARDS

- Best ARES VHF/UHF "Go Box"

This will include Voice and Digital/Data capability (WinLink, "Classic" Packet Radio)

- Best ARES HF "Go Box"

This will include Voice and Digital/Data Capability (WinLink/HFVARA)

- Best ARES VHF/UHF/HF "Go Box"

This will include Voice and Digital/Data capability for each radio as appropriate.

(VHF/UHF WinLink, VHF/UHF "Classic" Packet Radio, WinLink/HF VARA)

- Best POTA 100w (max) radio "Go Box" *

- Best POTA QRP "Go Box" *

* Where POTA "Go Box" includes: Cases, Backpacks, Camera Bags, etc.

Entry DETAILS @

<https://www.ctaresregion2.org/forum/announcements/695-the-great-ct-ares-2024-go-box-show-and-tell-10-13-24#901>

Editor:

Photos of the 2016 "Great ARES Go-Kit Competition" organized by ARRL CT Section Manager, Douglas – WA1SFH and Mike Walters – W8ZY were included in the September 2024 CARA Capers



WinLink 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	

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

Directional Antenna Positioning Information

de W1QK

- *Declination*

The angle between magnetic north and true north. Declination varies by location. In North America, declination ranges from 30° east in Alaska to 20° west in Labrador, Maine. Most GPS receivers can calculate declination for the current position.

- *North Star*

The North Star, also known as Polaris, is a reference point for true north. Because the North Star appears almost stationary in the sky, it's a useful navigation tool.

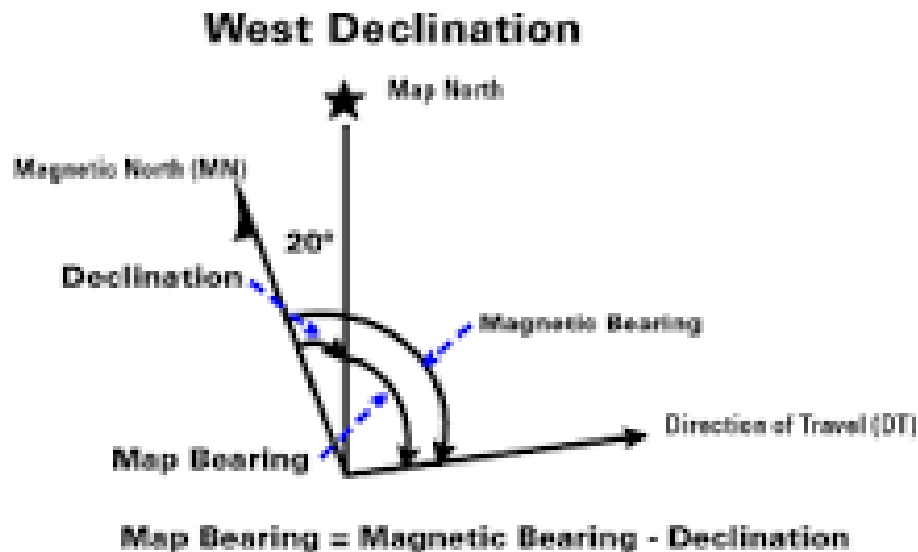
GPS uses radio signals from satellites to calculate a receiver's location on Earth. The North Star is located directly above the North Pole, so pointing towards the spot on the horizon directly below it indicates north.

Why do people use the North Star to navigate?



Fortunately, there is one star in the night sky that does not appear to move. It is called Polaris, or the North Star. It is directly overhead the North Pole. This means that whenever we point towards the spot on the horizon directly below the North Star, we must be pointing north.

How many degrees off is magnetic north from true north?



Depending on where you are, the angle between true north and magnetic north is different. In the U.S., the angle of declination varies from about 20 degrees west in Maine to about 21 degrees east in Washington.

When positioning a radio antenna, it's best to use true north instead of magnetic north. This is because the difference between the two, known as magnetic declination, can vary depending on your location.

	True north	Magnetic north
Definition	Static and located about 1,200 miles north of the magnetic pole	Constantly shifting pole that the Earth's magnetism attracts a compass needle to

To accurately align your antenna, you need to compensate for your local magnetic declination. You can do this by adding the absolute value of a west (negative) declination to your compass reading or subtracting it from your compass reading for an east (positive) declination.

While you might not be able to align your antenna exactly to true north, most antenna beam widths are broad enough that you won't see much difference if your heading is a few degrees off – especially for HF yagis. However, for high gain long-boom VHF/UHF antennas, it's important to align your antenna to true north.



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

Former CARA member: Donna Millican – WA1VWA, SK *de W1QK*

Wayne - WA1PMA, and XYL Donna - WA1VWA (SK), have a long history of membership and support for CARA and CARA's repeaters. Wayne was instrumental in the installation, maintenance, and upgrades of the then 147.120 MHz. WR1ADN repeater, which was owned by the Pioneer Valley Repeater Association - PVRA. PVRA still owns a network of repeaters throughout CT like KB1AEV and NARA.

Wayne was involved from its origin in Roxbury in the early 70's, then throughout several re-locations to New Fairfield (120 Ft. tower in a field adjacent to New Fairfield HS) Dave - W1LRC's QTH on Karen Rd. in Danbury, Danbury Hospital (roof superstructure), including hosting it at his home in Newtown (110 Ft. tower) for several years before the shipping container was retrofitted, then airlifted in the 80's via CT National Guard helicopter to the summit of Spruce Mtn. where it's located today.

When CARA dissolved it's multiple-year relationship with the PVRA, the frequency was also changed. A repeater group nearby in New York installed an uncoordinated competing repeater, so CARA moved W1QI yet again to the present 147.300 MHz. frequency.

Along the journey, our CARA repeaters have signed K1BYD, N1FIH, and Donna's callsign - WA1VWA (SK) before W1QI.

Wayne currently resides in Ocala, FL.

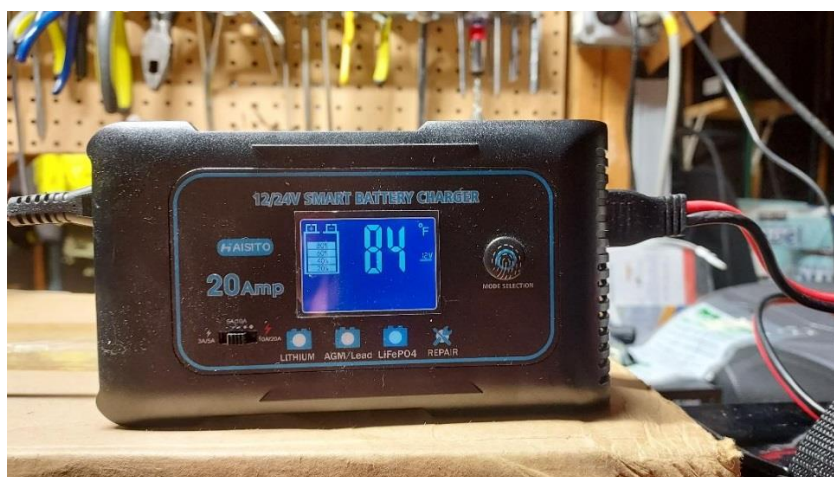


Source: <https://www.qrz.com/db/WA1PMA>

[CARAW1QI] Charger for LiPo batteries

John W1JMA From: w1jma@w1qi.org To: caraw1qi@groups.io Sat, Sep 21 at 9:29 PM

Good evening. At today's POTA there was a discussion about charging the newer LiPo batteries. Here is pix of the charger I use. I got it on amazon. 73 John W1JMA



Re: [CARAW1QI] Charger for LiPo batteries

David K1SZO From:davidcbrown@gmail.com To:caraw1qi@groups.io Sat, Sep 21 at 11:01 PM

This is the one I use on my LiPO4 batteries, it is made by NOCO Genius. They seem to be a bit more on the pricey side, but back when I got it (2016), not all battery chargers properly handled LiPO4 batteries and would cause batteries to bloat, melt or worse! Explode or catch on fire! So, I bought a more expensive, but trusted LiPO4 charger at the time just to ensure I was getting a quality (safe) charger.



These are also available on Amazon, though they are much newer models than mine given when I bought mine. Dave ~ K1SZO

Editor: This document was distributed via the CARA Reflector on Monday, October 7.

CARA Constitution and By-Laws December 1, 2024 (10/7/24 V)

Preamble

The Full Membership of CARA, being desirous to secure for ourselves the pleasures and benefits of the association of persons commonly interested in Amateur Radio, by furthering better cooperation among its members, develop individual proficiency, furthering the interest of radio in the general community, do hereby

constitute ourselves as The Candlewood Amateur Radio Association, CARA, and do enact this Constitution and By-Laws.

Date this First Day of November 2024.

Signed_____President

Signed_____Secretary

Constitution

Article I – Name and Purpose

The name of the corporation shall be Candlewood Amateur Radio Association, INC., hereinafter referred to as "CARA.". CARA, is organized as a Connecticut non-stock corporation exclusively for charitable, educational, and scientific purposes, including for such purposes, the making of distributions to organizations that qualify as exempt organizations under section 501(c)(3) of the Internal Revenue Code, or corresponding section of any future federal tax code.

Article II - Mission

CARA, seeks to comply with and support the purposes of the Amateur Radio Service as defined in the Federal Communications Commission Rules Part 97.1. It seeks to expand public understanding and appreciation of the Amateur Radio Service, encourage men and women to participate in this service, provide emergency and public assistance communications services, assist and improve the technical skills of its members, assist those who seek to become FCC licensed amateur operators, contribute to the advancement of the radio art, and to otherwise support charitable and public goodwill efforts. CARA will accomplish these purposes through volunteer activities of its membership, financial support of charitable and educational opportunities, and public benevolent efforts.

Article III – Leadership elections and removal

Section 1 The Officers of CARA. shall be a President, Vice-President, Secretary and Treasurer. There will be three (3) Directors of CARA. Candidates for office in CARA shall have a valid Amateur Radio license, be a full member in good standing and those candidates for the role of Director must have a minimum of 4 years of continuous membership.

Section 2 The Directors and Officers of CARA shall be elected for a two-year term by ballot of the members present, provided there be a quorum as defined in By-Laws; Elections shall be held at the June Annual meeting.

Section 3 Vacancies occurring between elections must be filled by special election at the first regular business meeting after the withdrawal or resignation is announced.

Section 4 Officers may be removed on a motion by two thirds (2/3) vote of membership present and voting at the meeting, provided that: a) a special meeting has been requested to address the removal issue; b) the special meeting has recommended a motion to remove; c) the officer has not resigned. d) the motion is voted on at the next regular business meeting; e) a quorum is present at both the special and the regular meeting. All financial authority of the officer being considered for removal shall be suspended until the matter is resolved.

Article IV – Financial Matters

Section 1 CARA may levy upon the membership such dues as shall be deemed necessary for the business of the organization within its objectives as set forth in the Purposes of the organization.

Section 2 CARA from time to time, may participate alone or with other organizations in fund raising activities to supplement member dues.

Section 3 CARA may accept donations from the membership or the public to be used in the accomplishment of the Purposes of the organization. Financial donations shall be designated by the donor for a specific purpose or general fund use. CARA may accept equipment donations.

Section 4 No part of the net earnings of CARA shall inure to the benefit of, or be distributable to its members, directors, officers, or other private persons, except that CARA shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the purposes set forth in the purpose clause hereof. No substantial part of the activities of CARA shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and CARA shall not participate in, or intervene in (including the publishing or distribution of statements) any political campaign on behalf of any candidate for public office.

Notwithstanding any other provision of this document, CARA shall not carry on any other activities not permitted to be carried on (a) by an organization exempt from federal income tax under section 501(c)(3) of the Internal Revenue Code, or corresponding section of any future tax code, or (b) by an organization, contributions to which are deductible under section 170(c)(2) of the Internal Revenue Code, or corresponding section of any future federal tax code.

Article V - Amendments

Section 1 This Constitution may be amended by a two thirds (2/3) vote of members present and voting if a quorum is met. Proposals for amendments shall be submitted in writing at a regular business meeting and not voted on until the next regular business meeting. A

quorum as described in the by-laws must be present at the meeting.

Article VI - Rules

Section 1 The CARA Executive Committee and Directors shall carry the duty to ensure that Robert's Rules of Order are executed to govern all proceedings of CARA.

Article VII – Dissolution of CARA

Section 1 Upon dissolution of CARA, assets shall be distributed to one or more amateur radio related exempt purposes within the meaning of section 501(c) (3) of the Internal Revenue Code if possible.

By-Laws

Article 1: MEMBERSHIP

Section 1 All persons interested in Amateur Radio shall be eligible for membership in CARA.

Section 2 Full Member- shall consist of those individuals who are over the age of 16, hold a valid FCC Amateur Radio license and are members in good standing. (Good Standing is defined as one who has paid their annual dues no later than March 1st). **Only Full Members are eligible to vote at regular or special meetings as determined by the club Secretary or Treasurer.**

Section 3 Licensed Amateur's under the age of 16 or those interested in Amateur radio but unlicensed can apply for an Associate Membership.

Section 4 At the sole discretion of the board and officers, Auxiliary membership may be bestowed upon a non-dues paying individual.

Section 5 Associate and Auxiliary members have no voting rights and are not eligible for any elected leadership positions.

Article 2: Club Elected leadership

Section 1 The Elected Officers and Directors of CARA shall be: (President, Vice-President, Secretary, Treasurer) and 3 Directors. Their two-year term as Officers and Directors shall be from July 1st to the end of the second year June 30th.

Article 3: Leadership Duties

Section 1 The President shall preside at all meetings of this organization and conduct the same according to the rules adopted; he/she shall enforce due observance of these By-Laws, and Robert's Rules of Order; decide all questions of order; sign all official documents that are adopted by the organization; and perform all customary duties pertaining to the office of the President. He or she shall, at the expiration of his/her term, turn over everything in their possession belonging to the organization to his/her successor.

Section 2 The Vice-President shall assume all the duties of the President in the absence of the latter. He or she shall, at the expiration of his term, turn over everything in his/her possession belonging to the organization to their successor.

Section 3 The Secretary shall keep a record of the proceedings of monthly business or special meetings, keep a roll of members, and submit applications for membership, carry on all correspondence, read communications at each meeting, and notify membership by reasonable communication means of every special meeting of the organization, except when excused by action under the By-Laws. The Secretary shall keep the CARA Constitution and By-Laws and have a copy on hand at every business and special meeting. He or she shall cause all amendments, changes, and additions to such. He or she shall, at the expiration of his/her term, turn over everything in his possession belonging to the organization to their successor, both written and in electronic format.

Section 4 The Treasurer shall receive all monies paid to the organization; and shall keep an accurate account of all monies received and expended. He or she shall pay no bills without proper authorization which occurs at a business meeting. At the

end of each month, he or she shall submit an itemized statement of disbursements and receipts. He or she shall file the required IRS Form 990 tax forms relating to CARA 501c3. He or she shall, at the expiration of their term, turn over everything in his/her possession belonging to the organization to their successor in both written and electronic format.

Section 5 The Directors are integral to the overall management of CARA. Directors are encouraged to attend all business meetings and activities meetings. The Directors shall bi-annually present a slate of Officers and Directors for the next term at the appropriate May meeting. The Directors shall annually review the Financial Books and Records of the organization.

Article 4 Meetings:

Section 1 An Activities/Event meeting and a Business meeting shall be held each month at such time and place as the President shall order, or as agreed upon by a vote of the Full Members. The Business meeting is where all spending motions, annual dues motions will be discussed and voted upon, and reports of the various committees shall be made. Each month there will be an Activities/event meeting to further the purposes of CARA and amateur radio.

Section 2 Quorum Requirement: A quorum necessary at Business/Special meetings is defined as **7.5%** of the total full membership plus two officers and or directors.

Section 3 Special meetings may be called by the President upon the written request of any five (5) members or two (2) Directors of CARA. Notice shall be sent to all the members informing them of the special meeting and business to be transacted. Such notice shall be made by reasonable

communication means, minimum of 72 hours prior to the meeting. Only such business as is designated in the said notice shall be transacted at such special meeting.

Section 4 Lack of Quorum-When a motion is brought forth at a business or special meeting without the necessary quorum present, notification by reasonable communication means shall be made to all members by the Secretary stating the proposal that will be brought up at the next meeting for vote. Reasonable means of communication shall be made within 72 hours of the business or special meeting. Reasonable means of communication shall include the use of Email/Electronic Voting.

Section 5 A majority vote of the officers and directors may spend up to **\$500** without a formal motion at a business meeting.

Article 6 Dues: Membership dues are due January 1st of the current year. Membership status and membership privileges will be eliminated if dues are not paid by March 1st.

Article 6: STANDING COMMITTEES:

CARA shall create the following Standing Committees listed below. Each committee shall have a chair. **All** business and activities shall be assigned to one of the four standing committees.

Procedure:

The four CARA Standing Committees shall meet as deemed necessary by the Committee chairman and shall submit written minutes at the Monthly Business meeting. The Monthly Business

meeting agendas shall be structured around the work and progress of these four CARA Standing Committees.

Each full member shall be encouraged to serve on The Administrative Committee and one other Committee of their choosing as part of their CARA membership.

The Officers and Directors shall be responsible for determining that Full members are appropriately aligned to each of the four committees.

Four CARA Standing Committees:

Administrative Committee: Handle routine business of the club

- Monthly Business Meeting agenda submitted for publication in CARA Capers
- Annual Dues
 - Recommends any dues abatements to Board of Directors for their unanimous approval.
 - Enforcement of the dues payment deadline policy
- Communications and Information Subcommittee
 - Website maintenance and oversight
 - Management of social media accounts
 - Submit information to Newsletter Editor/Staff on a timely basis.
- Newsletter
 - Prepare and electronically distribute the CARA Monthly Newsletter on the Monday of the week when the monthly business meeting will be held.
- Membership
 - Maintenance of the Official CARA membership list (paper and electronic)
 - Arranging (pair) new members with volunteer Elmer

- VE Testing
- Organize and conduct Amateur Radio License classes when appropriate.
- Administration of the CARA-Sponsored Worked All Connecticut Counties Award
- Prepare and award Certificates of Appreciation for meeting guest speakers and when appropriate for other contributions.
- Other business-related activities of the club
- Submit the annual report to the State of Connecticut and Federal Government to maintain 501(C)3 status
- Submit the annual club report to the ARRL as part of the ARRL Special Service Club requirements
- CARA W1QI Club License and Trustee Responsibilities:
 - Maintain and renew the W1QI FCC license
 - Maintain electronic logs when W1QI is used (Field Day, Special Event Stations, or activations by members)
 - Members shall advise the W1QI Trustee prior to use of the CARA W1QI club callsign on the air and submit electronic documentation to the W1QI Trustee.
 - Establish and maintain the W1QI www.QRZ.com account and biography page on a routine basis
 - Maintain the W1QI TQSL key and upload logs to ARRL's LoTW – Logbook of the World W1QI account

Repeater Committee: Maintain CARA Repeaters and Coordination

- Arrange periodic meetings and perform projects related to repeater maintenance as required and upgrades after approval at business meeting.
- Provide periodic reports on the progress of repeater projects and repeater maintenance.
- Other repeater related activities of the club
- Maintain the CARA Repeater registration requirements as specified by the local coordination body.

Fund Raising Committee:

- Prepare a proposal for and other related details to the membership for discussion, vote and approval.
- Provide a detailed financial summary by the next scheduled monthly business meeting.

Program and Activities Committee: Plan and execute arrangements for Guest speakers for meetings and events and plan other activities.

- Conduct an annual interest survey to guide programs and determine Guest Speaker invitations.
- Create a Preliminary CARA Calendar to inform membership of upcoming programs and activities.
- CARA Field Day
- CARA Winter Field Day
- Coordinate any other Special Event Stations that may arise
- Schedule CARA's monthly Pasta Night
- Schedule Annual Holiday Party
- Administer CARA's Parks on The Air (POTA) activations.
- Determine the ways and means for participation in other operating activities, workshops, demonstrations, and drills as voted by and supported by membership volunteers
- Where equipment and facilities permit, establish, and maintain a Club or Remote Station for CARA members to use.
- designated members may provide emergency and public assistance communications services
- Other program or activities that may be of interest to the club

Article 7 – By-Law Amendments

Section 1 The By-Laws may be amended by a two thirds (2/3) vote of members present and voting. Proposals for amendments shall be submitted in writing at a regular business meeting and not

voted on until the next regular business meeting. A quorum as described in these by-laws must be present at the meeting for the vote.