



# Capers

## July - 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, July 12 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:

Second Elmer Q&A Format Meeting



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ARRL 2024 Field Day Summary



Detailed Results & Contributed Photos – Begins on Page 35

CARA's entry processed and submitted by Harlan Ford – W1QH and Dan Fegley – W1QK

# CARA Monthly Meeting Agenda

## July 12, Stony Hill FD

### **Meeting call to order:**

- Pledge of Allegiance
- Welcome new members and guests!
- Member 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

### **Committee Reports**

- Repeater Committee Reports: Steve – W1SMS
- Website and IT Committee: Stephanie Fuda – KC1UZS
- Operating Activities Committee
  - New Fairfield Day Special Event Station- September
  - Winter FD January 2025
  - POTA July 20 10am to 2pm Lovers Leap New Milford
    - Future POTA's 3<sup>rd</sup> Saturday of Month 10-2 Location TBD
- Fund Raising Committee
  - Laptop ask for donation **under old business**
- Membership Committee
  - 1 new Technician member since last meeting – Field Day

### **Old Business**

- Status of 3 laptop funding/purchase
- July Meeting Program: Elmer Night- Part 2
  - Steve KC1EEQ Fire Extinguisher video
- Status of Lend / Lease Program
- Field Day Summary
- Special Event station Sat 9/7 at Danbury Railway Museum 10-3
  - N2DGT Leader
  - 1 W1QI Station
  - 1 Metro North ARA Station

### **New Business**

- August and beyond program ideas
- General Class Status for January 2025-March 2025

## Announcements

- Pasta Night Tuesday, July 16 at 6:00 pm - Vespucci Lodge
- NortheastHamEXpo last weekend of August

## Good of the Order

**PROGRAM:** Elmer Night Part 2 and Fire Suppression Video

## Adjournment and Next Meeting

- July Meeting Friday 7/12 at 7:30 in Person
- July planning meeting Friday 7/26 at 7:30 on Teams

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## *President's Message*

de W1NSK



Summer is here!

This year's CARA Field Day was a success! I hope we all had a good time. The food was wonderful (Thank You, Susie – KC1QVE). This shows what we can accomplish when many pitch in and ensure success! I heard rumor we had over 1000 Q's! But then again, Field Day is not a contest.

I call your attention to the new CARA Lend Lease Program for HF Transceivers. We have three available for a maximum 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.

One of our fun CARA Monthly Events is our POTA activation. This month it will be held at Lovers Leap in New Milford, July 20th, from 10AM-2PM. We usually have 3-4 stations on the air and often club members are invited to operate. Further details will be announced at our July meeting.

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!

This month's Pasta Night Dinner is July 16 at Vespucci Lodge, Danbury. Unofficial casual club event. Join us!

The New England Ham Expo is August 23rd, 24, 25 at the Best Western Convention Center in Marlborough, Mass. A great time with a Contest University Friday all Day (Sign up in advance), Forums all day Saturday and Sunday morning as well as three dinners. A comedian Thursday Night, the Contest/DX Diner Friday Night and Convention banquet Saturday evening. All details can be found on the event web site.

See you on the Air!

73, Bud – W1NSK  
CARA President

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

de W1JGM



What an exciting month – starting with a very interesting presentation at our June 14 meeting by Jason DeSousa of the Connecticut National Guard. He explained the Guard's communication capabilities, plus the Guard's hierarchy and command structure.

We had another great club POTA outing on June 15 at Wonder Lake State Park (US-2163) in Kent, NY. Propagation was challenging throughout the day, but we still made enough contacts so it would count as a park activation. The weather was perfect for this radio outing.

Our largest event of the year - ARRL Field Day, was again held at the Ball Pond Volunteer Fire Company in New Fairfield. We had several crews setting up antennas, assembling the stations, the Visitor Welcome area, solar battery charging system for the battery power that operated all the radios, the networked computer system with N1MM Logger + logging software, displays and most important – the food.

We were ready and on the air at 2:00 pm Saturday. CARA members operated SSB and CW on several bands for the full 24 hours of the event.

We were visited by several members of the community and the public. Several

newly licensed members took to the airwaves - like seasoned pros - and worked pileup after pileup and did it with a smile.

Harlan – W1QH, and Dan – W1QK processed our log, compiled the claimed bonus points, and submitted our electronic FD entry to the ARRL.

A detailed score summary is included in this issue of the Capers and will be discussed at our July 12 meeting.

However, remember that ARRL Field Day isn't really a contest, but instead has been called "Ham Radio's Annual Open House".

The most important part of Field Day is that we had **FUN** demonstrating our equipment, communication abilities, and shared some camaraderie. We especially enjoyed meeting and greeting visitors and partaking in the delicious food that was prepared.

I'd like to extend a special thank you to the cleanup crew that returned the firehouse to normal Fire Department functions. We were completely cleaned up in 90 minutes.

A big thank you to all who participated. Many are already looking forward to Winter Field Day next January. Watch for the Sign-Up Genius for that event.

Check the upcoming events listed and information posted on the revised CARA website. <http://www.cararadioclub.org>

Remember "This is your club, enjoy it"

John Morelli - W1JGM  
CARA Vice-President

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

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

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## June 14 - Monthly Business Meeting Minutes

de CARA Secretary/Treasurer, John Ahle - W1JMA



CARA Meeting Minutes  
June 14, 2024  
Stony Hill FD

The meeting was called to order at 7:30pm. Bud, W1NSK, CARA President, welcomed all to the meeting. A round of introductions followed. Maria - KC1USG a new member was present. Barry - KE2BRH, another new member noted he passed his general exam this past Saturday.

Jason DeSousa from the CT National Guard gave a 60-minute presentation on the CT National Guard, including communications processes.

The CARA meeting minutes from May, printed in CAPERS, were accepted.

The CARA Treasurer's report as printed in CAPERS was accepted.

**Nominating Committee:** Dave, WA1JGA, announced the following Slate of Officers and Directors for the next year:

President: Bud - W1NSK  
VP: John - W1JGM  
Treasurer: John - W1JMA  
Secretary: John - W1JMA  
Directors: Dave-WA1JGA, Vin-N2OHH,  
Rosty - W2ROS

There were no nominations from the floor. **A motion was made, seconded and approved for the secretary to cast the vote. Congratulations to the continuing leadership team.**

**Repeater Committee:** Steve-W1SMS, informed the group that the repeaters are functioning properly. He requested an allocation of \$1000 for the purchase of a new 2m repeater antenna. **A motion was made and seconded to allocate \$1000 for a 2m repeater antenna.** Given there was not a proper quorum to vote on this expenditure over the \$500 threshold, a vote will be called by email to the membership. (*An email vote was put to the membership by the secretary. The membership voted 30 to 1 for approval of the motion on June 17<sup>th</sup>.*)

**IT/Website Committee:** **Stephanie Fuda-KC1UCZ**, reported that both the website and reflector are working well.

### Operating Activities:

- The next POTA is Saturday June 15 at Wonder Lake Park, NY at 10:00 am.
- The July POTA is Saturday July 20<sup>th</sup> at 10:00 am. Putnam Park is the location.

### Old Business:

- John - W1JGM, said he has not heard if his former employer would donate funding toward the 3 replacement laptops that a motion was made to acquire at the May meeting. He was informed that they did not have any laptops to donate; John requested a cash donation.
- The July meeting will be a continuation of the Elmer Night Program with a short video on fire extinguishers provided by Steve - KC1EEQ.
- John - W1JMA, put out a sign up for the Ridgefield July 4<sup>th</sup> Fireworks communications test. Harlan-W1QH will be net control. This test will be working alongside the Ridgefield CERT team using FRS radios.

### New Business:

- It was suggested that a certificate of appreciation be sent to the Danbury RR Museum. The secretary will generate a certificate of appreciation for the museum.
- Steve - W1SMS, will be hosting a tech session at his QTH this summer. He is looking for any possible

projects that could be completed during the session.

- There will be a special events station at the Danbury RR Museum on Saturday September 7. Dan - N2DGT, is coordinating this effort.
- John - W1JMA, informed the group that a donation of a Yaesu FTDX-1200 HF base station rig was secured by CARA from Jack Sanders a former member of the club. John informed the group that a "lend/lease" program for this rig and the Icom 756Pro3, has been developed by the leadership team and will be announced via the reflector after Field Day. Both rigs will be used at Field Day to showcase their availability.
- **A motion was made, seconded and approved to purchase new club banners to be displayed at Field Day and other public events. The amount of the motion was \$100.**
- John - W1JMA, went through the Field Day planning document. The antenna ropes are up, the antenna raising party is Friday at 4pm. Field Day is Saturday and Sunday. The first 20 participants will get a field day pin. There will be a collection at FD to cover the cost of the food and pins.
  - Field Day set up is at 10am on Saturday with operations from 2:00 pm to 2:00 pm Sunday.

We have 3 members who will work the overnight shift.	Cash: Checking	\$7934.84
	Cash: Petty	\$50
	Investment: IBond	\$7343

#### Announcements:

- The Pasta night is Tuesday 6/18 at 6:00 pm Vespucci Lodge
  - Northeast HamXposition is the last weekend of August
- Unrestricted CASH Balance:** \$15327.84  
**Number of full members:** 55  
**Associate members:** 0

#### Adjournment and next meetings:

- The next planning meeting is Friday 6/28 at 7:30 on Teams
- The July meeting is Friday 7/12 at 7:30pm at the Stony Hill FD

The meeting was adjourned at 9:32pm.

#### June Meeting review:



June's presentation was from Jason DeSousa of the Connecticut National Guard.

He presented information about their emergency communication systems.

#### CARA Treasury Report June 30, 2024

Income:	Full Member Dues 2024	
	\$1870	
Income:	Associate Member Dues 2024	
	\$0	
Total Income:	\$1870	
Expense:	Donation-WA7BNM&POTA	
	\$50	
Expense:	Insurance – Eq & Liability	
	\$305	
Expense:	PayPal Fees	\$15.60
Expense:	Website/Hosting Fees	\$30.98
Expense:	NEQSO Plaque	\$50
Expense:	Event Banners	\$120
Total Expense:	\$571.58	
<b>Net Income for Period</b>	<b>\$1298.42</b>	





### Jason DeSousa – Speaker Bio

I retired from the Connecticut State Police in 2018, after nearly 21 years of service. I've been a member of the Connecticut National Guard (CTNG) for 22 years, enlisting shortly after 9/11. I served two combat deployments to Afghanistan in support of Operation Enduring Freedom in 2006-2007 and again 2009-2010. I have also supported several stateside missions to include CTNG's Covid-19 response. I have held numerous assignments within the CTNG and am currently assigned as the J 5/7 (Plans, Training and Exercises) of the CTNG Joint Staff. We work with members of the CTNG (Army and Air National Guard) as well as local, state, federal, Non-Governmental Agencies and other service components. Our focus in the Joint Staff is to develop plans, training, and exercises in support of National Guard Civil Support Operations.

### Upcoming July 12 Meeting



Friday Meeting Program: Elmer Night Part 2

John W1JMA

From: [w1jma@w1qi.org](mailto:w1jma@w1qi.org)

Mon, Jul 8 at 7:21 AM

**This Friday** is our July monthly meeting at the Stony Hill FD. The doors open at 7pm and meeting will start promptly at 7:30. At the conclusion of the meeting we will have our **Elmer Night part 2**. This is an ideal opportunity to ask questions about radios, antennas, logging software, operating modes, POTA, DX, Etc. Great learning experience for both new and seasoned hams. **We will have a HF station set up for demo purposes. We will showcase the FTDX1200 that is available under CARA lend/lease program.**

Please send your questions or topics you would like to discuss by hitting reply to this email and I will begin a list.

[w1jma@w1qi.org](mailto:w1jma@w1qi.org)

73, See you Friday

John - W1JMA, Secretary

### Elmer Session #2 Questions as of July 8 CARA Capers release :

- Operating Questions

- Repeater etiquette

- Best practice and what to avoid

- How to establish contact on repeaters

- FT 8

- How does Fox/Hound work?

- What is TX even/1<sup>st</sup> in FT8?

- WinLink- What is it?

- What is needed for HF?

- What is needed for VHF/UHF FM?

- What is the difference between a TNC and a signal link?
- POTA for Technicians
  - 10M SSB 28.300 to 28.500
  - 10M FT8/4
- 10M Antennas for POTA
- Logbook of the World
  - Benefits, setting up an account, awards
- Why should you join and support ARRL?
- Contest introduction
  - State QSO parties
  - VHF contesting for Technicians
- Learning CW and its benefits
  - DX opportunities especially on 10M
  - Online CW training via CWops
  - CWT CW weekly practice contests
  - K1USN slow speed events (less than 20 WPM)
  - Medium Speed Test (MST maximum 25 WPM)
- Rig Questions
  - ~~How to get started?~~
    - \* ~~What frequencies~~
  - ~~Icom 7300~~
    - \* ~~Great starter radio for hf/6m~~
    - \* ~~How do band pass filters work?~~
  - Power Supply types and sizes
  - ~~Yaesu FT3-D what is Wires-x, System Fusion and C4FM?~~
  - Station EQ grounding and bonding in basement or 2<sup>nd</sup> story shack location
- Antenna Questions
  - How to ground an antenna, even wire antennas
  - Resonant single or multiband wire antennas
  - How to bring feedline into the house
  - ~~End fed Half Wave Antennas~~
    - \* ~~Are they multiband?~~
    - \* ~~Need tuner and what power level issues.~~
    - \* ~~Make from Kit or prebuilt experience?~~
    - \* ~~Orientation issues~~



### Weekly CARA Sunday club NETS:

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**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 & Meetings:

July 12: CARA Monthly Business Meeting. In-person at Stony Hill FD, Bethel. Gather at 7:00 pm, gavel at 7:30 pm

July 13 - 14: IARU HF World Championship contest

July 16: CARA Monthly Pasta Night Dinner - Vespucci Italian-American club in Danbury. \$ 12 cash for bowl of pasta with two meatballs, salad, bread & butter, cash bar for soda, wine, and beer. 6:00 pm.



July 20: CARA Monthly POTA Activation at Lovers Leap State Park, New Milford 11:00 am ~ 3:00 pm

July 20-21: CQWW VHF Contest

July 26: CARA Monthly Planning Meeting on TEAMS: 7:30 pm

July 27-28: RSGB Islands On The Air – IOTA contest, MARAC US Counties Contest, Alabama QSO Party

July 29: CT ARES Region 5 Monthly meeting via TEAMS

July 10, 17, 24, 31: CWops CWT 1300Z & 1900Z Wednesday, and 0300Z (Thursday)

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

Use this link to learn more about the **K1USN Radio Club's SST** slow speed CW contests: <http://www.k1usn.com/sst.html>

**August 2: August 2024 Capers input deadline to [w1gk@snet.net](mailto:w1gk@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.*

## 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.  
September 7, 2024  
December 7, 2024

73, Jon Bernon - AJ1U  
CARA Volunteer Examiner Session Coordinator

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## CT ARES Information:

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

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

CT ARES Region 5 monthly meetings.:  
**Region 5 South TEAMS meetings, which were held on the second Monday of the month, have been cancelled by W1QH.**

The CT ARES Region 5 North & South monthly meeting is held on the last Monday of the month – currently via TEAMS but may be conducted in-person in 2024.

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 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

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## 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. Try to use the W1SP nodes in our area:

W1SP-6	LITCCT	Litchfield
145.65	FN31JR	

W1SP-7	NHAVCT	Oxford
145.63	FN31JK	

W1SP-8	FAIRCT	Bridgeport
145.69	FN31JE	

**Next CT ARES WinLink Wednesday:**  
**Wednesday, August 7**

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## 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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Editor: Recent Posts to the CWops Reflector with credit to contributors:

CWA student's accomplishments  
From: Mark Tyler  
Date: Fri, 28 Jun 2024 11:29:24 EDT  
thought I would share one student's accomplishments.

Mark - K5GQ

W1NGO, Noah

Morse Runner – ran pile-up mode @ 30 WPM to prepare for Field Day.

With my home station, made my first successful field day exchange at 25wpm.

Achieved 156 qso/hr with 5 character data base in Morse Runner.

Built CW hotline kit and successfully made contact via link mode.

Successfully made exchanges on Vband channel with decode disabled.

Improved "copy behind" by multiple characters.

Can more accurately copy and send full short sentences.

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Re: CWA student's accomplishments  
From: Steve Anness KJ5T (#3037)  
Date: Fri, 28 Jun 2024 22:32:36 EDT  
Congratulations to your student! The CW subbands will continue to be hopping as long as CW Academy is around.

73 de KJ5T

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-Re: CWA student's accomplishments  
From: Jim W4MJE CWops #1777  
Date: Fri, 28 Jun 2024 22:58:22 EDT  
Congratulations to both of you.

Jim, W4MJE

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CWops representation on the N5J Jarvis DX-pedition  
From: Gerry Hull  
Date: Fri, 28 Jun 2024 13:31:06 EDT  
Hello All,

We have our final list of operators for N5J Jarvis, and CWops members are the majority of the remote and half the on-board crew! I think we have assembled an awesome team.  
Looking forward to seeing you all on the bands!

On board the Magnet:  
George Wallner AA7JV  
Don Greenbaum N1DG #2  
Adrian Ciuperca KO8SCA #2408  
Tamas Pekarik HA7RY

Worldwide Remote CW Team  
Gerry Hull W1VE #191  
José Nunes CT1BOH #837  
Filipe Lopes CT1ILT #2699  
Chris Hulbert KL9A #1576  
Dan Craig N6MJ #2164  
Jon Kimball KL2A #77  
Stan Stockton K5GO/ZF9CW #272  
Mark Haynes M0DXR  
Stephen Bloom KL7SB #1268  
Tack JE1CKA  
Ken Tanuma JN1THL #161  
Mats Strandberg SM6LRR #1820  
Oli Seizelet F6AKK



Emir-Brako Memic E77DX  
Roberto Ramirez CE3CT #2837  
Todd Bendtsen VE5MX #2540  
Jacky Calvo ZL3CW #3270  
Attila Holop HA2NA  
Champ Muangamphun E21EIC #264

You can check us out on the website:  
<https://jarvisisland2024.com/>  
73,, Gerry Hull, W1VE  
Remote CW Team Lead

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## World's fastest CW

John Morelli (W1JGM)

Fri, Jun 28 at 8:47 PM

[https://youtu.be/Es6rrKTbE7M?si=OckZ46FWV\\_RwfxII](https://youtu.be/Es6rrKTbE7M?si=OckZ46FWV_RwfxII)

Check out this 12-year-old copy CW at 200 words per minute or 1080 characters per minute.

73, John G. Morelli - W1JGM

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## 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:

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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.

### FOR SALE:

Yaesu FTDX 2000. 100 Watts, 160-6 Meters. All Options and Digital Filters. \$900.

2015 Ford AWD Escape, 4Cyl, 80K Miles 2 owners, clean Car Fax.

CARA Club Special: Icom 2 Meter/440 MHZ,  
50 Watt Mobile professionally installed.  
\$8,000 Contact: Bud Kozloff – W1NSK

203-939-3708



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



**August issue input deadline: August 2**

**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.

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>



**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.

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

## **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 testers, 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](#)!
- 

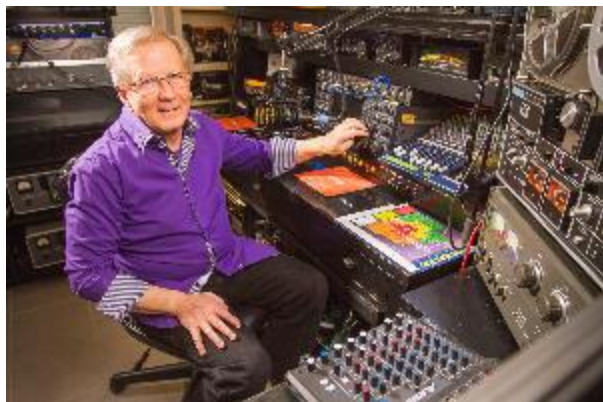
## **YOTA Camp Ham Shack Renamed for Bob Heil, K9EID, (SK)**

The Youth on the Air (YOTA) Camp "ham shack" has been renamed the Bob Heil, K9EID, Memorial YOTA Camp Amateur Radio Shack.



Heil, 83, passed away on February 28, 2024. He was considered the man who defined the sound of live rock 'n roll music and brought audio engineering principles into mainstream amateur radio use. He founded Heil Sound in 1966, through which he created the template for modern concert sound systems for musicians like the Grateful Dead, The Who, Joe Walsh, and Peter Frampton.

Heil was also known as a mentor and generous donor to amateur radio organizations who enjoyed helping others find success in ham radio and supported Youth on the Air from the very beginning.



Bob Heil, K9EID, SK. [Photo courtesy Heil Ham Radio]

Camp Director Neil Rapp, WB9VPG, said that when the camp first started, he asked Heil for some equipment. “Bob sent us the radios we needed right away,” said Rapp. “And when I asked for some additional radios with noise cancelling capability Heil responded ‘...have I ever told you no before?’ and sent six more noise cancelling radios.”

Rapp said he got the idea to rename the shack at the Dayton Hamvention® but left the final decision up to the YOTA kids. “It didn’t take long, and there was never any question, that it was the right thing to do,” Rapp added.

The 2024 Youth on the Air summer camp in the Americas will be held July 7 – 12 at Mount Saint Vincent University in Halifax, Nova Scotia, Canada. The first activation of the VE1YOTA callsign from the camp will begin the evening of Sunday, July 7 and concludes on Friday, July 12. Campers will operate the Heil memorial station as they

finish projects, between sessions, and during free time.

In addition, campers will have the opportunity to operate the following dedicated times: Sunday, July 7 0000Z to 0200Z and from 2100Z to 0200Z on Monday, July 8; Wednesday, July 10 and Thursday, July 11.

The 2024 YOTA Americas Camp is hosted by Radio Amateurs of/du Canada.

Special QSL cards will be available for contacts made with YOTA camp from the Bob Heil, K9EID Memorial YOTA Camp Amateur Radio Shack.

## Call for Nominations for ARRL Director and Vice Director

Attention: Full ARRL members in the Central, Hudson, **New England**, Northwestern, and Roanoke Divisions. You have the opportunity to choose a Director and Vice Director to represent you for a 3-year term beginning January 1, 2025.

ARRL is governed by its Board of Directors. A voting Director is chosen by ballot by the full (licensed) ARRL members in each of its 15 Divisions. Vice



Directors who serve in the absence of the Director at a Board meeting and succeed to the position of Director should a vacancy occur are chosen at the same time. Elections are held in five Divisions per year. It takes only 10 full members in a Division to nominate a candidate for either office.

### **Qualifications**

The eligibility of nominees for the positions of ARRL Director and Vice Director will be reviewed by the Ethics & Elections Committee, composed of three Directors not subject to election this year: Mickey Baker, N4MB; Jeff Ryan, KØRM, and Scott Yonally, N8SY. A nominee must be at least 21 years old and must have been licensed and a full member of ARRL for a continuous term of at least 4 years immediately preceding nomination. Each nominee must provide information concerning their employment, ownership, investment interests, and other financial arrangements to ensure compliance with the Conflict of Interest Policy (see Article 12 of the ARRL Articles of Association and Bylaws 18 – 24), available at [www.arrl.org/general-information](http://www.arrl.org/general-information). The qualifications for Director and Vice Director are identical. All the powers of the Director are transferred to the Vice Director in the event of the Director's resignation, recall, removal outside the Division, inability to serve, or death.

### **Nomination Procedure**

*Step 1:* Obtain official nominating petition forms. Starting July 1, any full member residing in a Division where there is an election may request an official nominating petition package in writing, either by letter or via email, to [execadmin@arrl.org](mailto:execadmin@arrl.org). The request must reach the ARRL Secretary no later than noon EDT on Friday, August 9, 2024. If you are seriously considering running or nominating someone to run, please don't wait until the last minute to request the forms; the deadline for submitting a completed petition form is just 1 week later.

*Step 2:* Complete the questionnaire and obtain signatures. Only the official form may be used. The candidate must complete page one, providing the information required to determine eligibility, certifying its accuracy, and agreeing to assume the office if elected. To be valid, a nominating petition must name the candidate and must bear the signatures of 10 full members of the Division.

*Step 3:* Submit the petition form. The completed form must reach the Secretary no later than noon EDT on Friday, August 16, 2024. The submission may be made by electronic transmission of images (i.e., a PDF or JPEG attachment to an email) or facsimile provided that upon request, the original documents are received by the Secretary within 7 days of the request. A person who is



nominated for both Director and Vice Director may choose to decline the nomination for Director; otherwise, the nomination for Director will stand and that for Vice Director will be void.

On Monday, August 19, 2024, the Secretary will notify each candidate of the name and call sign of each other candidate for the same office. Candidates will then have until Friday, August 30, 2024, to submit a 300-word statement and a photograph if they desire those to be made available to voters in accordance with instructions that will be supplied.

### **Balloting**

If there is only one eligible candidate for an office, he or she will be declared elected by the Ethics & Elections Committee. If there is more than one eligible candidate for an office, the full members in that Division who are in good standing as of September 10, 2024, will have the opportunity to cast ballots. Official voting documents will be mailed to members who are eligible to vote no later than October 1, 2024. Votes must be electronically cast, or completed paper ballots must be received at the designated PO Box in the envelope provided, by noon Eastern Time on Friday, November 15, 2024. The candidate receiving the most votes will be declared the winner that day.

### **Absentee Ballots**

A full member who is residing temporarily outside his or her home Division, including overseas, may arrange to vote in the home Division by notifying the Secretary before September 6, 2024, giving their current mailing address as reflected in the ARRL membership records (i.e., *QST* mailing address) and the reason that another Division is considered home. Members with overseas military addresses should take special note of this provision; in the absence of information received to the contrary, ballots will be sent to them based on their postal addresses.

### **The Incumbents**

The incumbent Directors and Vice Directors, respectively, in the five Divisions in which elections will be held this year are:

*Central:* Carl Luetzelschwab, K9LA, Director, and Brent Walls, N9BA, Vice Director

*Hudson:* Nomar Vizcarrondo, NP4H, Director, and Ed Wilson, N2XDD, Vice Director

*New England:* Fred Kemmerer, AB1OC, Director, and Phil Temples, K9HI, Vice Director

*Northwestern:* Mark J. Tharp, KB7HDX, Director, and Michael Sterba, KG7HQ, Vice Director

*Roanoke:* Jim Boehner, N2ZZ, Director, and Bill Morine, N2COP, Vice Director

*For the Board of Directors:* David A. Minster, NA2AA, Secretary / Chief Executive Officer.

### **New ARRL Section Managers**

Nominations for 2024 ARRL Section Managers have been made. All nominees listed ran unopposed and returned their nomination forms by the June 7, 2024, deadline. They have been notified by mail and elected for new terms beginning October 1, 2024.

#### **Connecticut:**

Douglas Sharafanowich, WA1SFH (new)

#### **Idaho:**

Dan Marler, K7REX

#### **Minnesota:**

Bill Mitchell, AEØEE

#### **North Dakota:**

Ralph Fettig, NØRDF

#### **Ohio:**

Thomas Sly, WB8LCD

#### **Oklahoma:**

Mark Kleine, N5HZR

#### **Puerto Rico:**

Carmen N. Greene Rodriguez, KP4QVQ (new)

#### **Southern Florida:**

Barry Porter, KB1PA

#### **Virgin Islands:**

Fred Kleber, K9VV

#### **Western New York:**

Scott J. Bauer, W2LC (new)

In South Carolina, Matthew Crook, W1MRC is the new Section Manager as of July 1, 2024. Current Section Manager John

Gendron, NJ4Z, is moving out of the section.

There are now two new Section Managers in both the San Joaquin Valley & San Diego Sections. In the San Joaquin Valley Section, Steven Hendricks, KK6JTB, is the new Section Manager as of April 24, 2024, replacing outgoing Section Manager John Litz, NZ6Q. In the San Diego section, Bruce Krypton, AG6X, was appointed Section Manager on June 7, 2024, replacing Dave Kaltenborn, N8KBC, who became a Silent Key in late May.

### **In Brief...**

**The International Amateur Radio Union (IARU) HF World Championship occurs next weekend, beginning at 1200 UTC on Saturday, July 13 and concluding at 1159 UTC on Sunday, July 14.**

ARRL Contest Program Manager Paul Bourque, N1SFE, reminds participants they can enter in CW, SSB, or mixed mode categories. The exchange is a signal report and your ITU zone. ITU zones for stations in the Lower 48 are 6, 7, or 8. ITU zones for Canadian stations are 2, 3, 4, or 9. US and Canadian participants should visit the rules page (see link below) for more information on how to determine their ITU zone. In addition, stations operated by members of the IARU Administrative Council; the three IARU Regional Executive committees, and IARU member-society HQ stations from around the globe will be on the air. HQ

stations will send their member-society abbreviations.

See [www.iaru.org/reference/member-societies](http://www.iaru.org/reference/member-societies) for a list of IARU member-societies.

ARRL HQ station W1AW/4 will be on the air from Tennessee, operated by members of the Tennessee Contest Group, and IARU HQ station NU1AW will be on the air from Missouri. Participants are reminded that self-spotting is strictly prohibited in all categories.

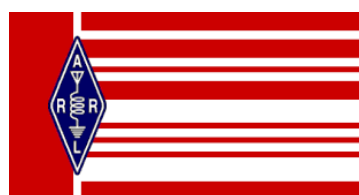
For full rules and more information, visit [www.arrl.org/iaru-hf-world-championship](http://www.arrl.org/iaru-hf-world-championship).

**Logbook of The World® (LoTW®) returned to service effective July 1, 2024.**

It had been offline as part of a [systems service disruption](#). ARRL is taking steps to help manage what will likely be a huge influx of logs. We are requesting that if you have large uploads, perhaps from contests or from a DX-pedition, please wait a week or two before uploading to give LoTW® a chance to catch up. A process was implemented to reject logs with excessive duplicates. Please do not upload your entire log to “ensure” your contacts are in LoTW® as they will be rejected. Despite this request, we have seen several recent DX-peditions upload large log files and many

amateurs have uploaded logs with excessive duplicates. This negatively impacts the backlog time. Lastly, please do not call ARRL Headquarters to report issues you are having with LoTW®. You can contact support at [LoTW-help@arrl.org](mailto:LoTW-help@arrl.org). For more information [click here to read our ARRL Member Bulletin about LoTW](#).

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The Yankee Clipper Contest Club is a special purpose 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.

CARA has members of the YCCC.

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

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*Editor: Excerpts From the YCCC Groups IO Reflector with credit to all contributors:*

**FT4 NS Thursday Night 6/20/2024**

From: [Dennis W1UE](#)

Date: Wed, 19 Jun 2024 06:28:36 EDT

----- Forwarded message -----

From: **Dennis W1UE** <[egan.dennis88@gmail.com](mailto:egan.dennis88@gmail.com)>

Date: Wed, Jun 19, 2024 at 6:27 AM

Subject: FT4 NS Thursday Night 6/20/2024

To: NCCC-blue <[nccc-blue@groups.io](mailto:nccc-blue@groups.io)>, <[rttydigital@groups.io](mailto:rttydigital@groups.io)>, <[wsjtgroup@groups.io](mailto:wsjtgroup@groups.io)>, <[wsjt-x-improved-community@lists.sourceforge.net](mailto:wsjt-x-improved-community@lists.sourceforge.net)>

The Northern California Contest Club is again pleased to sponsor our weekly FT4 Sprint, aka FT4NS (NCCC Sprint). This contest is held every Friday UTC between 0100Z and 0130Z (Thursday evening in North America). Non-North American stations are welcome to participate. No logs are necessary; please submit your score to [3830scores.com](http://3830scores.com) using the "NCCC FT4 Sprint" template.

11 stations listed their score on [3830scores.com](http://3830scores.com) last week, with all of them making 17 or more Qs. In this Sprint, once you've sent your grid- and your partner has indicated that he has received your grid- it's a good QSO. You don't have to wait for a final RR73.

-----  
For those that don't get all Field Day'ed- out, the FT4 DMC club is having a QSO party on Sunday 6/23 from 1700-1759. Standard FT4 QSOs, 1 radio only, LP/QRP categories.

FT4 NS Sprint Rules are posted  
at: <https://www.ncccsprint.com/ns.html>

See you on the screen!

Frequencies: 1839, 3575, 7047.5 (also 7080), 14080, 21140, 28180, 50318

73, Dennis W1UE





## Member and Station News:

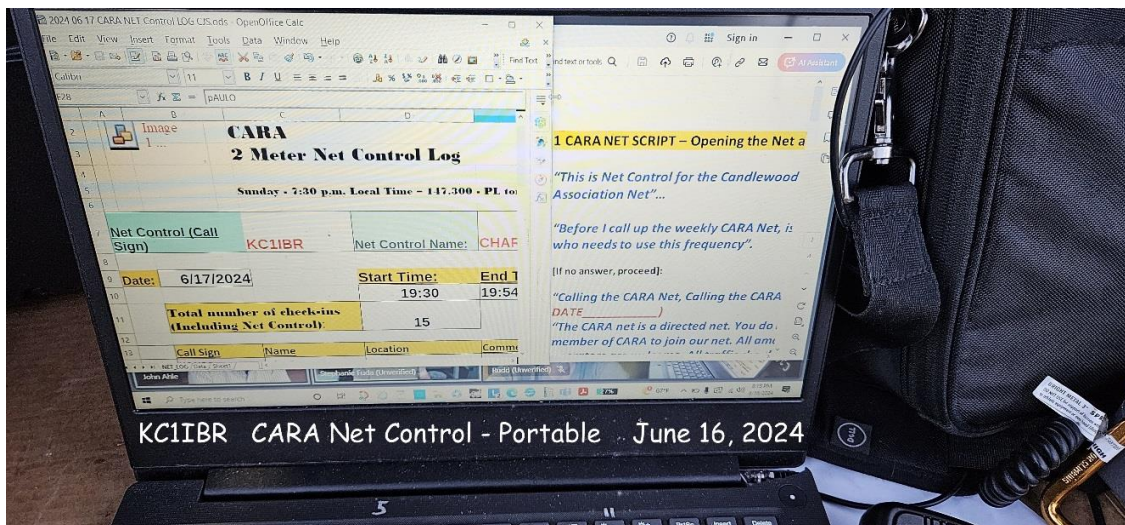
*Your news or story could be included here in the next issue of CARA Capers. Contact W1QK, Capers editor.*

*Just snap pix of your station, antennas, mobile installation, etc. and send it to [w1qk@snet.net](mailto:w1qk@snet.net) Your Capers Editor welcomes and encourages member input.*

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Charlie – KC1IBR operated the weekly CARA net mobile from his Equinox using a nearby public Wi-Fi. Nice work! Remember, all are welcome to check into the CARA weekly 2M net on CARA's 2M repeater on Sunday at 7:30 pm. CARA's 10M net is held at 7:00 pm on 28.490 MHz. USB on Sunday. Net control: N2OHH

## W1QK earns fourth consecutive annual Gold Medallion CWops CWT Participation Award for 2023

CWops Tests, or CWTs, are 60 minutes in duration and held on Wednesday and Thursday every week. There are now four events each week, at times that favor different geographic areas. Everyone is welcome – you don't have to be a CWops member to join the fun. CWTs are a good opportunity to meet other CW fans who may be interested in CWops membership. Six bands are used – 10, 15, 20, 40, 80 and 160m. Suggested frequencies are from 28 to 45 kHz from the band edges. However, this range should not be considered a limit when activity is such that participants find it necessary to spread further. Please be considerate of ongoing QSOs and mindful of DX-peditions, SOTA/POTA operations, W1AW bulletins and code practice transmissions, etc. Please slow down when called at a slower speed – we want everyone to feel welcome. Lots of Qs or just a few, please submit your results for each session at <http://3830scores.com>

### PURPOSE

Meet and greet and show activity on the bands. It's a good public relations opportunity for CWops for those who haven't heard of us yet. It's also an opportunity for interested non-members to garner the required nominations for membership.

Although we don't have plaques, we do present very nice certificates and medals for CWT participation, based on the number of participation points accumulated during the year. If you are operating from North America or Europe, you earn one point for each CWT session in which you make ten or more contacts. For CWT sessions when you operate from any other continent, you only need to make five contacts to earn a point for participating. **You don't have to be a CWops member to earn points, but you must be a member at the end of the year when the certificates and medals are presented.**

***Members from North America and from Europe (starting in 2022) need 120 points for gold,*** 80 points for silver and 50 points for bronze. Members from other continents need 60 points for gold, 40 points for silver and 24 points for bronze. Our objective is to encourage CWT participation — you don't have to be competitive to earn points, just active. To earn points, report your score for each session at <https://3830scores.com/>.





W1QK is CWops Lifetime Member # 1505 since 2015

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

## Introducing the CARA Lend/Lease Program – Icom, Kenwood and Yaesu rigs available

John W1JMA

Fri, Jun 28 at 8:43 AM

Attached please find the manual for the Icom 756p3 and in blue the link to the FTDX-1200 manual. We encourage members to borrow any of the 3 rigs available. 73 W1JMA

<https://www.manualslib.com/manual/814077/Yaesu-Ft-Dx-1200.html>

I have a Kenwood TS 440 I am not using and may be willing to donate for this lend lease program. Last known in working condition and I have mic and power cord. Last tested a few months ago and checked OK. I should have the operators manual some place if I can find it. The TS 440 as I recall has the 100% duty cycle and is all mode.

[https://www.qrzq.com/pub/RADIO\\_MANUALS/KENWOOD/KENWOOD-TS-440S-User-Manual-.pdf](https://www.qrzq.com/pub/RADIO_MANUALS/KENWOOD/KENWOOD-TS-440S-User-Manual-.pdf)

On Mon, Jun 24, 2024 at 8:25 AM John W1JMA via [groups.io](https://groups.io) <w1jma=w1qi.org@groups.io> wrote:

*We have an Icom 756p3 and Yaesu FTDX-1200 currently available. Both rigs were used at field day this past weekend. Members are encouraged to participate in this new program. A great way to see if you like Icom or Yaesu. Gives members a chance to try before they buy!! It would be nice to see the rigs in use rather than sitting waiting for the next Field Day! Experienced members are available to help install antennas, grounds, etc....*

**CARA HF Transceiver**

**Lend/Lease Program**

**Policy and Procedure**

Policy: CARA through generous donations of HF transceivers from members past and present, has several HF transceivers to lend to qualifying club members in good standing.

Procedure: The lend/lease program shall be adjudicated by the CARA Officers. Interested members please email your request to: [Treasurer@w1qi.org](mailto:Treasurer@w1qi.org).

---

1. Qualifying members may apply for an initial lease of 6 months.

a. Qualifying member definition

i. Current in Dues Payment

ii. General Class license or higher

iii. Member has ability and adequate real estate to install an HF antenna and proper ground system.

b. Members may apply for a second and final 3-month term.

i. No member shall have use of the transceiver for more than 9 consecutive months.

---

2. Prioritization Criteria for selection should we have multiple interested members:

a. First come first serve basis or

b. Member employed in Middle or High School Teaching setting.



i. Encouraged to start or help with an existing school club.

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3. CARA will supply:

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- a. HF Transceiver
  - b. Power cord
  - c. PDF instruction Manual
- 

4. Member will supply:

---

- a. Power Supply- minimum 30amp
  - b. Microphone/Headset
  - c. Key/Keyer paddles.
  - d. Necessary cables to interface with member's computerized logbook/computer.
- 

5. Members agree to send an ADIF log file or copy of paper log to the club secretary on the first day of each month for the previous month to prove the rig is being used. CARA secretary will confirm receipt of and report on the activity of the transceivers in lend/lease program.

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- a. CARA may ask for the return of the transceiver should it be determined it is not being used on a frequent basis.
- 

6. Members will return the transceiver and power cable one week prior to June Field Day and Winter Field Day for club use. Members shall take possession of the transceiver immediately after FD for the remainder of their lease term.

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- 
7. Members shall return the transceiver and power cable in good working condition at the end of the lease term.
- 

8. CARA can cancel the lease at any time with 30-day notice.
- 

6/24/24

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### 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

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

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**The ARRL New England Division Convention  
at the Best Western Hotel and Conference Center  
Marlborough, Massachusetts**

**Thursday Evening through Sunday Afternoon | August 22 to 25, 2024**

Flea Market: Fri 12 PM to 5 PM, Sat 9 AM to 5 PM, Sun 9 AM to 1 PM

Exhibition Hall: Sat 9 AM to 5 PM, Sun 9 AM to 1 PM

**Online [ticketing](#) for Northeast HamXposition 2024 is available.** You can order General Admission, Flea Market Spaces, and tickets for the Friday and Saturday dinner events.

**Order Tickets Now**

Exhibitors | Flea Market | Forums | VE Exams | W1XPO GOTA Station  
NEQRP Symposium | Mini Contest University | Kansas City DX Pileup  
EmComm Track | POTA Track & POTA Activation (Sunday afternoon) | Prizes

*Some featured items below – see our [website](#) for the full program:*



**Thursday Night Comedy Kick-Off**

Featuring Comedian Juston McKinney | Thursday, August 22, 2024 at 8 PM

**Friday Night DX/Contest Banquet**

Featuring international DXer/Contester Yuri Onipko, VE3DZ | Friday, August 23, 2024

### **Convention Keynote Address**

Featuring Steve Goodgame, K5ATA | Saturday Morning, August 24, 2024

### **Saturday Grand Banquet Presentation**

Featuring Dr. Tamitha Skov, WX6SWW | Saturday Evening, August 24, 2024

### **Preliminary Talks and Seminars Include:**

- Mini Contest University
- Youth Forum
- PSKReporter: Then & Now
- Getting on EME
- MARS Forum
- Flex Radio: Not Your Dad's Old Radio
- AREDN: Another EmComm Tool
- Using the tinySA
- Elecraft K4 Update
- POTA Program Track
- Andy's Ham Radio Linux
- Choosing the Best Contest Radio
- New England Sci-Tech Kit Building
- ARRL Forum
- Winter Field Day: Embrace the "Chill"
- New England QRP Program Track
- STEAM and Teacher's Institute
- EmComm & Public Service Track

**HamXposition is the Northeast's largest gathering of radio amateurs, featuring in-person experts presenting on timely topics, trends, and technologies.**

For the most up to date information, visit [hamxposition.org](https://hamxposition.org).



## ARRL and Momobeam Introduce Dual-band Beam Antenna for 6- and 10-Meters

[ARRL The National Association for Amateur Radio®](#) has a new product to help radio amateurs get active and on the air.

As Solar Cycle 25 continues to increase HF radio propagation on the upper bands, ARRL has partnered with the Italian antenna manufacturer [Momobeam](#) to design a dual band beam antenna to help take full advantage of the exciting opportunities for distant contacts. The ARRL Dual-band Momobeam 6/10 Antenna is an easy-to-use antenna with a small footprint and a big reach. The beam features a 10-meter Moxon (28 MHz) and 6-meter Yagi (50 MHz).



At just over 10 pounds and with a turning radius of approximately 6.5 feet, the design is compact enough to fit places that otherwise wouldn't have space for a beam antenna. It comes with two sets of hardware for both permanent installation and portable use for temporary deployments such as 2024 ARRL Field Day or park activations.

The ARRL Dual-band Momobeam 6/10 Antenna is ideal for Technician-class operators to be able to work DX. "This is a great 'first' beam antenna for every ham," said ARRL Director of Marketing and Innovation Bob Inderbitzen, NQ1R. "If you've ever been intimidated by the prospect of owning a beam antenna, this one will allay your fears and give you a whole lot of fun. Radio clubs will want to add this beam to their deployment gear, as it's a great fit for field operating and special event stations. College radio clubs that don't have room for a large beam, or another beam, will enjoy adding this antenna for some gain on 6- and 10-meters. It is lightweight and can be turned with a simple TV rotator."



The 10-meter Moxon is an effective design for this dual-band antenna, as it's around 30% smaller than a traditional Yagi and uses no traps or other shortening techniques that reduce performance. A Moxon antenna includes a number of antenna configurations that were referred to by Les Moxon, G6XN (SK), and have received attention over the years in *QST* and editions of *The ARRL Antenna Book*.

The feed system uses an open sleeve feed method, coupling the driven element of the 50 MHz section by proximity and length to the 10-meter driven element with minimal loss. “Just attach a single coaxial cable to included SO-239 equipped coaxial pigtail, and you’re ready to go on two bands!” said Inderbitzen.

The antenna debuted at the 2024 ARRL National Convention hosted at Dayton Hamvention® in May. The first run sold out at the show, but ARRL has taken delivery of more units, available now.

“It’s surprising how few amateurs have experience with antennas beyond basic wire designs,” said Inderbitzen. “Our interest in introducing this antenna is to increase the depth and breadth of knowledge and experience among our members.” Inderbitzen added that members should watch for more content, including video tutorials, coming from ARRL about the antenna. More information about the antenna can be found

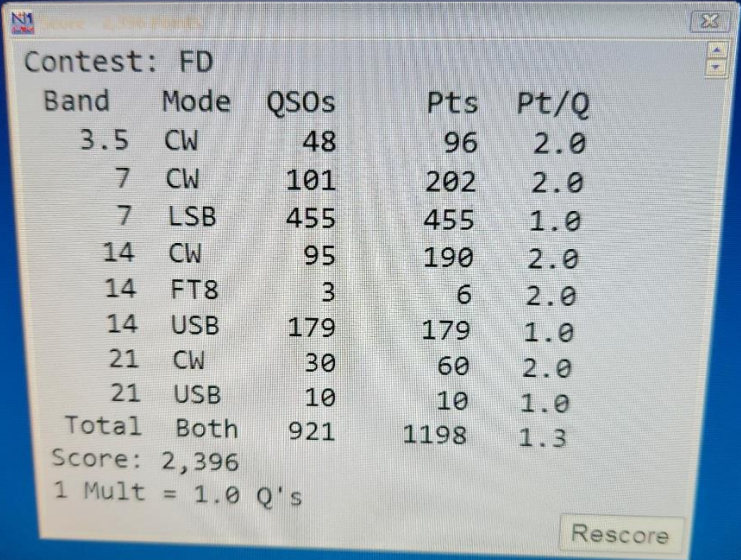
at [www.arrl.org/beam](http://www.arrl.org/beam) where future content will also be published.



While this antenna was produced exclusively for ARRL, Momobeam offers many of its popular antenna designs in the US through its partnership with [Ham Radio Outlet](http://HamRadioOutlet.com).

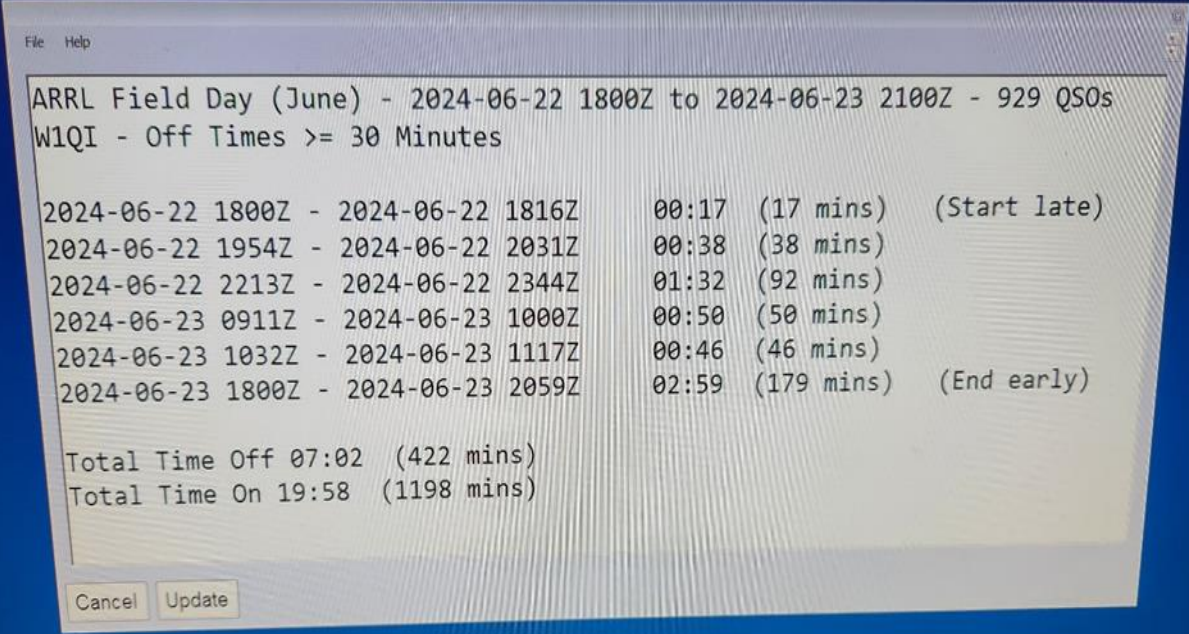
The ARRL Dual-band Momobeam 6/10 Antenna is available from the ARRL Store at [www.arrl.org/shop](http://www.arrl.org/shop) (ARRL Item No. 0084, \$299.95 retail plus shipping, handling, and sales tax where applicable. Available to ship in the US, only. Call 860-594-0355 or, toll-free in the US, 888-277-5289).

# CARA 2024 ARRL Field Day Summary



Contest: FD				
Band	Mode	QSOs	Pts	Pt/Q
3.5	CW	48	96	2.0
7	CW	101	202	2.0
7	LSB	455	455	1.0
14	CW	95	190	2.0
14	FT8	3	6	2.0
14	USB	179	179	1.0
21	CW	30	60	2.0
21	USB	10	10	1.0
Total	Both	921	1198	1.3
Score: 2,396				
1 Mult = 1.0 Q's				

Rescore



File Help

ARRL Field Day (June) - 2024-06-22 1800Z to 2024-06-23 2100Z - 929 QSOs  
W1QI - Off Times >= 30 Minutes

2024-06-22 1800Z - 2024-06-22 1816Z	00:17	(17 mins)	(Start late)
2024-06-22 1954Z - 2024-06-22 2031Z	00:38	(38 mins)	
2024-06-22 2213Z - 2024-06-22 2344Z	01:32	(92 mins)	
2024-06-23 0911Z - 2024-06-23 1000Z	00:50	(50 mins)	
2024-06-23 1032Z - 2024-06-23 1117Z	00:46	(46 mins)	
2024-06-23 1800Z - 2024-06-23 2059Z	02:59	(179 mins)	(End early)

Total Time Off 07:02 (422 mins)  
Total Time On 19:58 (1198 mins)

Cancel Update



Statistics for FD - 7/6/2024 6:00:00 PM - Band by Hour

File

Statistics Graph

Day	Hr	3.5	7	14	21	Tot	Accum
2024-06-22	18			9	6	15	15
2024-06-22	19			21	3	24	39
2024-06-22	20			3	1	4	43
2024-06-22	21			21	8	29	72
2024-06-22	22			1		1	73
2024-06-22	23		5	2		7	80
2024-06-23	00		52	63		115	195
2024-06-23	01		38	39		77	272
2024-06-23	02	5	47	5		57	329
2024-06-23	03	9	62			71	400
2024-06-23	04	7	32			39	439
2024-06-23	05	6	37			43	482
2024-06-23	06	9	28			37	519
2024-06-23	07	10	49			59	578
2024-06-23	08	2	35	4		41	619
2024-06-23	09		1	3		4	623
2024-06-23	10		8	1		9	632
2024-06-23	11			14		14	646
2024-06-23	12			7		7	653
2024-06-23	13			34		34	687
2024-06-23	14		6	20		26	713
2024-06-23	15		63	30		93	806
2024-06-23	16		59		12	71	877
2024-06-23	17		34		10	44	921
Total		48	556	277	40	921	921

Refresh Row Hour Column Band Include Dupes



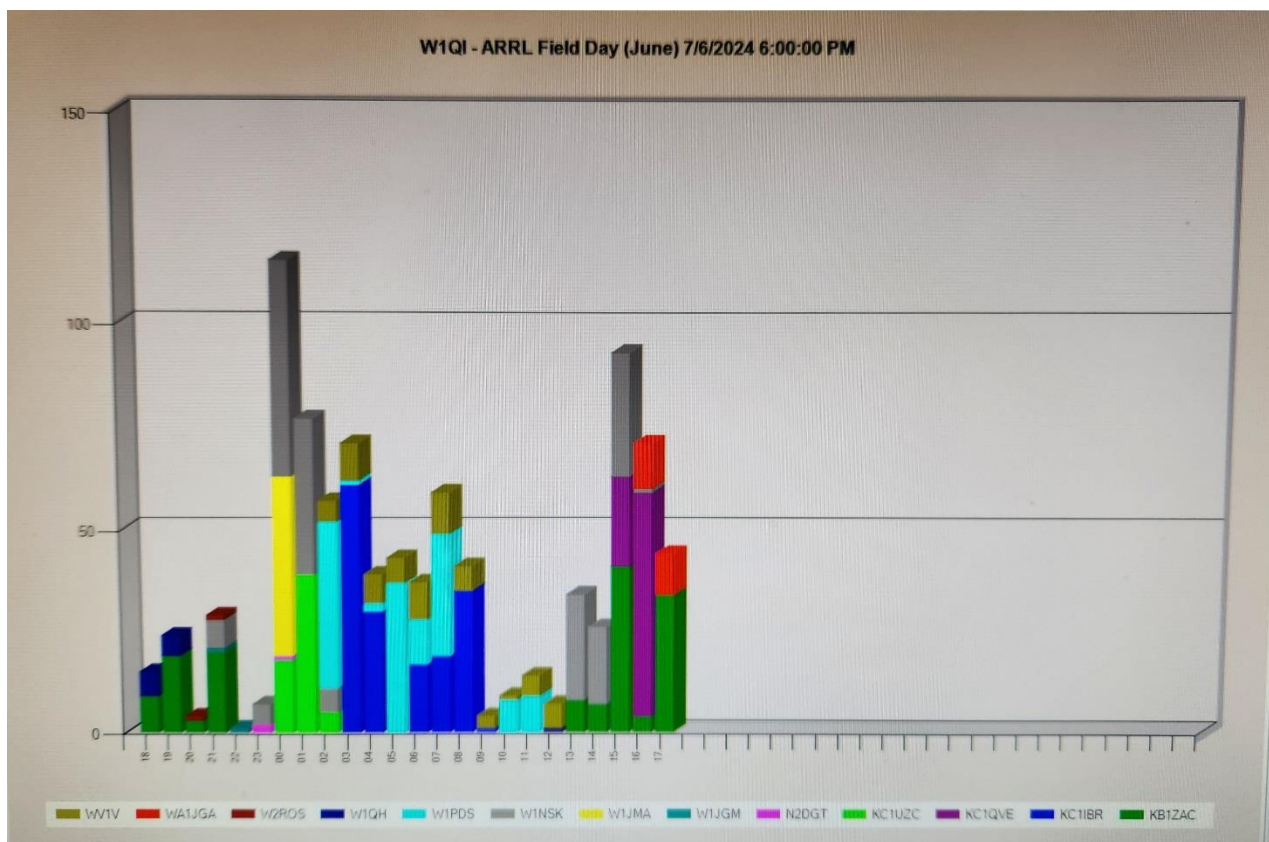
Statistics for FD - 7/6/2024 6:00:00 PM - Mode by Hour

File Statistics Graph

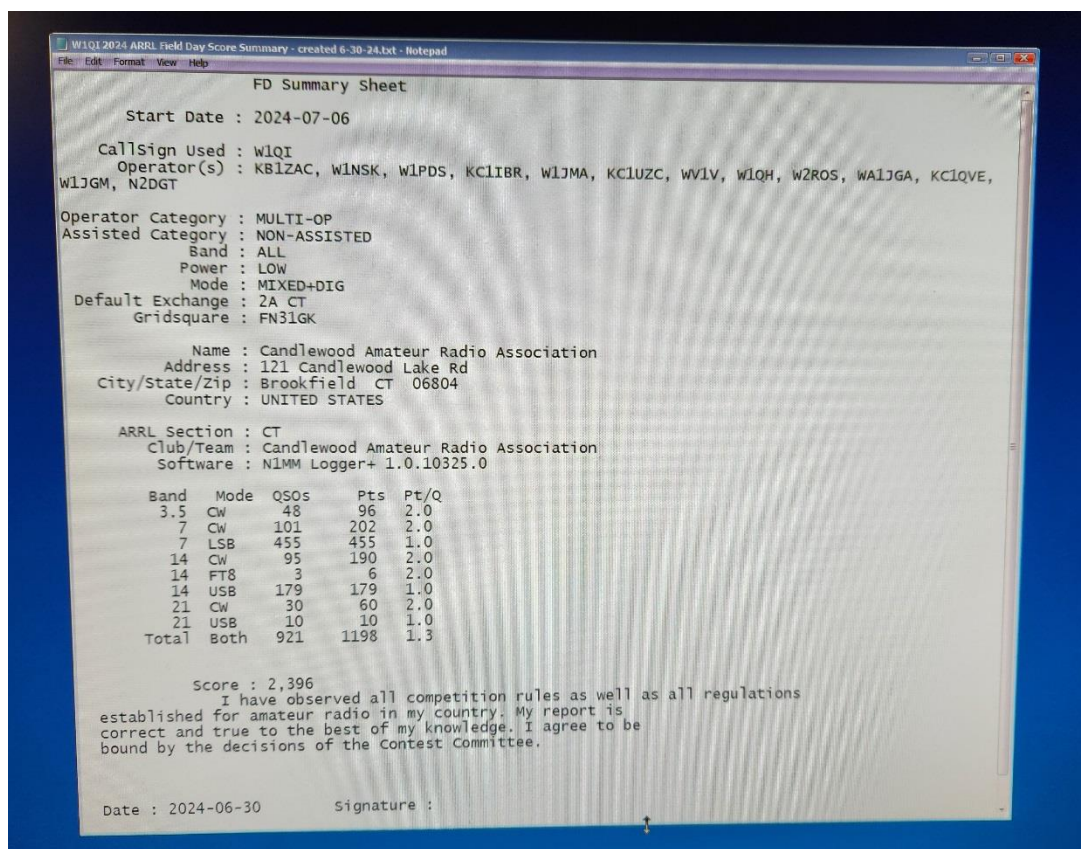
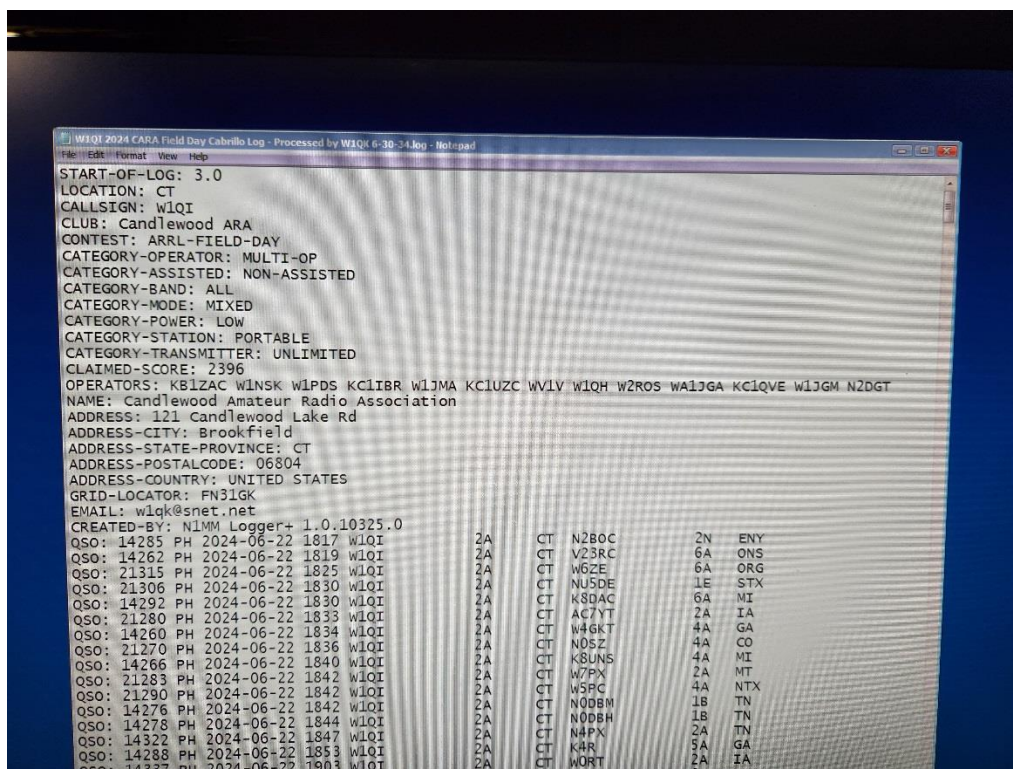
Day	Hr	CW	FT8	LSB	USB	Tot	Accum
2024-06-22	18				15	15	15
2024-06-22	19	1	2		21	24	39
2024-06-22	20				4	4	43
2024-06-22	21	8			21	29	72
2024-06-22	22				1	1	73
2024-06-22	23	5			2	7	80
2024-06-23	00	52			63	115	195
2024-06-23	01	38			39	77	272
2024-06-23	02	11		41	5	57	329
2024-06-23	03	9		62		71	400
2024-06-23	04	7		32		39	439
2024-06-23	05	6		37		43	482
2024-06-23	06	9		28		37	519
2024-06-23	07	10		49		59	578
2024-06-23	08	6		35		41	619
2024-06-23	09	3		1		4	623
2024-06-23	10	1		8		9	632
2024-06-23	11	5			9	14	646
2024-06-23	12	6	1			7	653
2024-06-23	13	26			8	34	687
2024-06-23	14	19		6	1	26	713
2024-06-23	15	30		63		93	806
2024-06-23	16	12		59		71	877
2024-06-23	17	10		34		44	921
Total		274	3	455	189	921	921

Refresh Row Hour Column Mode Include Dupes

Day	Hr	KB1ZAC	KC1IBR	KC1QVE	KC1UZC	N2DGT	W1JGM	W1JMA	W1NSK	W1PDS	W1QH	W2ROS	WA1JGA	WV1V	Tot	Accum
2024-06-22	18	9									6				15	15
2024-06-22	19	19									5				24	39
2024-06-22	20	3										1			4	43
2024-06-22	21	20					1		7			1			29	72
2024-06-22	22						1								1	73
2024-06-22	23					2			5						7	80
2024-06-23	00				18	1		44	52						115	195
2024-06-23	01				39				38						77	272
2024-06-23	02				5				6	41				5	57	329
2024-06-23	03		61							1				9	71	400
2024-06-23	04		30							2				7	39	439
2024-06-23	05									37				6	43	482
2024-06-23	06		17							11				9	37	519
2024-06-23	07		19							30				10	59	578
2024-06-23	08		35											6	41	619
2024-06-23	09		1											3	4	623
2024-06-23	10									8				1	9	632
2024-06-23	11									9				5	14	646
2024-06-23	12										1			6	7	653
2024-06-23	13	8							26						34	687
2024-06-23	14	7							19						26	713
2024-06-23	15	41		22					30						93	806
2024-06-23	16	4		55					1				11		71	877
2024-06-23	17	34											10	67	921	921
Total		145	163	77	62	3	2	44	184	139	12	2	21	67	921	921







# FIELD DAY



# JUNE 22-23

## 2024 Field Day Entry - Confirmation

**Congratulations!** You've successfully submitted your Field Day entry, as well as uploaded all required documentation. A summary of your submission is provided below for your review, as well as e-mailed to you. If you have any questions about your entry, please contact the Contest section at [contests@arrl.org](mailto:contests@arrl.org).

If you need to update your entry, enter soapbox comments or upload photos of your Field Day activities, please use the appropriate link below (also included in the e-mail sent to you).

---

### Summary

Entry received at: 2024-07-09 14:03:50 UTC

Submitted by: **Daniel Fegley, W1QK** E-mail: [w1qk@snet.net](mailto:w1qk@snet.net)

Call Used: **W1QI** GOTA Station Call: **(NONE)** ARRL/RAC Section: **CT** Class: **2A**

Participants: **18** Club/Group Name: **Candlewood ARA**

Power Source(s): **Battery**

Power Multiplier: **2X**

**Preliminary Total Score: 3,346**

### Bonus Points:

Bonus	Points	Status
100% emergency power	200	
Media publicity	100	Documented by thumbnail (1).jpg
Public location	100	
Public information table	100	
Site visit by invited elected official	100	
Site visit by invited served agency	100	
Safety officer	100	Documented by CARA FD 2024 Safety Report.pdf
Social media	100	
Entry submitted via web	50	
<b>Total bonus points</b>	<b>950</b>	

**Score Summary** - Cabrillo log/dupe sheet file: W1QI 2024  
ARRL Field Day Log - Ball Pond VFD - New Fairfield - Log  
Processed by W1QK.log



	CW	Digital	Phone	Total
<b>Total QSOs</b>	274	3	644	
<b>Total Points</b>	548	6	644	<b>1198</b>

**Claimed Score**  
= (QSO points x power  
mult) = **2,396**

**Band/Mode QSO Breakdown:**

Band	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	48	100				
40m	101	100			455	100
20m	95	100	3	50	179	100
15m	30	100			10	100
10m						

**Total 274 3 644**

Re: [CARAW1QI] 2024 Field Day

Keith W1KRI via groups.io

To: caraw1qi@groups.io

Sun, Jun 23 at 6:41 PM

Fun event! Thanks all. Keith - W1KRI

On Sunday, June 23, 2024 at 04:01:03 PM EDT, John Morelli (W1JGM)

<w1jgm@w1qi.org> wrote:

I would like to extend my thanks to all who participated in this year's field day. We will announce the final tally as soon as it is tabulated. I would also like to especially thank the crew that cleaned the fire house and returned it to normal Fire Dept use. A big thank you to all. I hope that everyone had fun, learned something and most important eat well.

John Morelli - W1JGM, CARA V-P



de Oscar – KO1F:

Here's the list of those that stopped by the Public Information Tent over Field Day 2024

David Fuda - Danbury

Jeff Shultz - Danbury

Lindsay Kaminsky - Sherman

Rusty Slabicky - Danbury - **SERVED AGENCY REPRESENTATIVE - RED CROSS**

Harland Noonan - Danbury

Mary Lou Skcekelo - New Fairfield

Chris Chevit - New Fairfield

Jodi McKee - New Fairfield

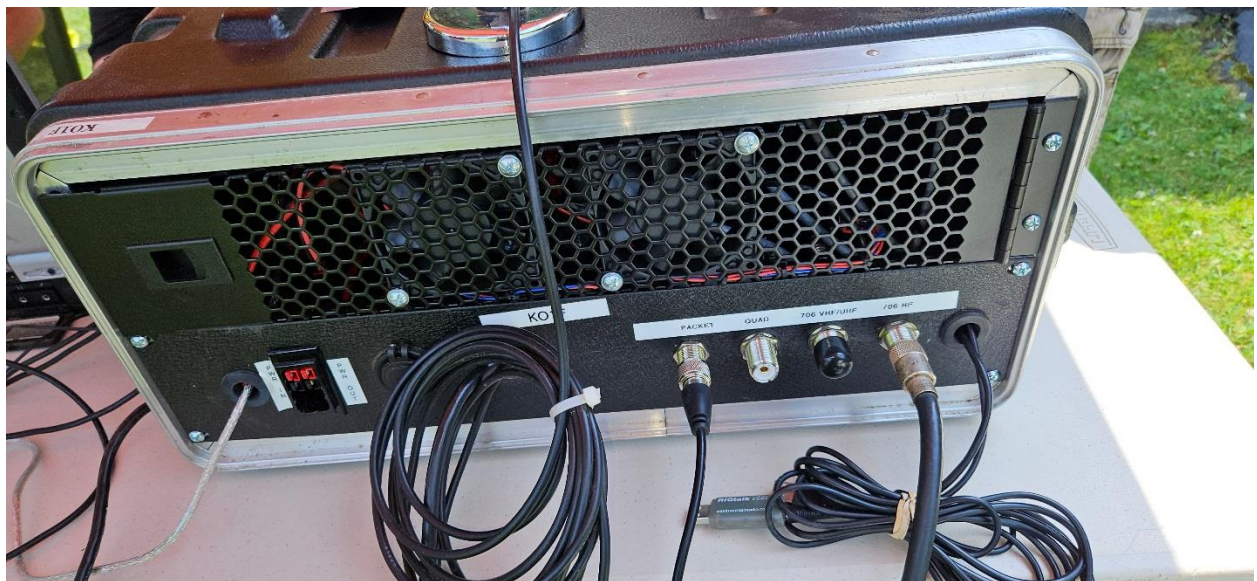
Mike Skcekelo - New Fairfield

Oriana (no last name given) - New Fairfield

Photos contributed by: W1JGM, KC1IBR, W1QH, W1JMA, KB1ZAC































## ARRL Field Day Safety Officer Checklist

To qualify for the 100-point Safety Officer bonus (for Class A stations), a group must appoint a qualified person/s who are present at their site from the beginning of set-up until the end of break-down.

This form is NOT intended to be all inclusive.

The Safety Officer/s certify by submitting this form that due diligence was made to provide a safe operation.

[check (or circle) any/all that apply]

- ☒ Safety Officer/s or qualified designated assistant/s was on site for the duration of the event.
- ☐ Fuel for generator properly stored. *N/A*
- ☒ Fire extinguisher on hand and appropriately located. *H2O in kitchen + suppression system*
- ☒ First Aid kit on hand.
- ☒ First Aid - CPR - AED versed else trained participant/s on site for full Field Day period. *First Aid Box*
- ☒ Access to NWS alerts to monitor for inclement weather. *VIA cell phone*
- ☒ Tent stakes properly installed and marked. *Yellow Taped*
- ☒ Temporary antenna structures properly secured and marked. *Yellow Taped*
- ☒ Site secured from tripping hazards. *wires routed*
- ☒ Site is set up in a neat and orderly manner to reduce hazards.
- ☒ Stations and equipment properly grounded.
- ☒ Access to a means to contact police/fire/rescue if needed. *at FD*
- ☒ Safety Officer is designated point of contact for public safety officials.
- ☒ Minimize risks and control hazards to ensure no injuries to public.
- ☐ As necessary, monitoring participants for hydration and ensuring an adequate water supply is available. *H2O in fridge*

*N2DGT*

signature(s) / call(s)

*6/22/21*

date

Revised 3/2022



# COMMUNITY NEWS

## Public Demo of Emergency Communications to be Held at Ball Pond Vol. Fire Co, 7 Fairfield Dr, New Fairfield

Public invited June 22-23, Sat., 2pm-6pm Sun., 10am -2pm



By John Morelli, W1JGM, CARA Vice-President

Interested in Amateur Radio? Being prepared in an emergency? Looking for an exciting hobby? Come visit the Candlewood Amateur Radio Association (CARA) June 22-23 at the Ball Pond Vol Fire Co., in New Fairfield.

During the fourth weekend of June every year, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Amateur Radio Field Day has been an annual event since 1933, and remains the most popular event in amateur radio.

Despite the Internet, cell phones, email and modern communications, every year whole regions find themselves in the dark. Tornadoes, fires, storms, ice and even the occasional cutting of fiber optic cables leave people without the means to communicate. In these cases, the one consistent service that has never failed has been Amateur Radio. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations. Field Day is many things; a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN! It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that we might serve in an emergency, as well as the general public.

Field Day is the single most popular on-the-air event held annually in the US and Canada for amateur radio.

The contest part is simply to contact as many other stations as possible, the stations can be across town or anywhere in the world. We learn and practice operating our radio gear in abnormal situations and less than optimal conditions. We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities. But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called "hams") are well known for our communications support in real disaster and post-disaster situations.

We will be available to demonstrate our skills and equipment Saturday June 22 from 2-6PM and from 10-2 on Sunday. No appointment needed; all are welcomed.

The Candlewood Amateur Radio Association is the Greater Danbury area's general interest amateur radio club. We focus on advancing technical knowledge, operating skills, fraternalism, and public service.

In-person meetings are held on the second Friday of the month at the Stony Hill Volunteer Fire Department, 59 Stony Hill Road, (Route 6) in Bethel, CT



## Sherman ARTFEST 2024 at Charter Hall, June 21 6-8pm • S



Doreen O'Connor - Acrylic Paintings

This Weekend is the Sherman ARTFEST 2024 June 21 - 23, 2024! This is the third Sherman ARTFEST, sponsored by the Sherman Artists Association (SAA), in a new location: Charter Hall (Above the Firehouse) and the Town Green (by the IGA and Firehouse) in Sherman. There are over 30 artists creat-



Christina Maschket - Colored Pencil

ing paintings: tery, glass, j wood, hand and more! T ing receptio Route 39 1 on Friday Ju and the sho day and Su 2024 10am by and mee inspires the great art! I visit www.s

This sho the main (top floor house) and man Town

The pa Gretchen Christy | hen, C Habersai Kisner, I Magoon Doreen diso, Te ello, Vi Schlesir nis Stua

Photo Haslam Locke, Zegley. Plus: wack, elers I Kessr Duck Maim items

Annual Tag,

Sat

33 R

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Editor:

Suzanne – N1SUZ and her OM, Jim – KJ4WKD, were former CARA members before relocating to Pickens, SC. We were fortunate to work her during 2024 ARRL Field Day. She sent along her QSL card and a W1QI QSL card has been returned. Wonder what the “mystery antenna” is? Her QRZ.com bio mentions CARA and her previous CT operations, and includes plenty of pix. Thanks for the FD QSO!



**N1SUZ**

Suzanne Yester  
104 Big Rock Lake Rd.  
Pickens, SC 29671



Pickens County  
Grid EM84ow  
WAS • DXCC

*Thank you for the contact! It was  
nice to make a contact with  
my old club! And actually its my 1<sup>st</sup>  
contact with W1QI! Hope y'all had fun  
during Field DAY 24!*

*TS, Suzanne N1SUZ*



WAS - SC

Confirming QSO with	DATE			UTC	MHZ	RST	2-WAY
	DAY	MONTH	YEAR				
W1QI	23	06	24	00:30	14.258	59	SSB

PSE QSL TNX

*Yaesu FT 991A  
Mystery Antenna 30' up.*

73