



Capers

June - 2023



The Monthly Newsletter of The Candlewood Amateur Radio Association
P.O. Box 55 – Brookfield CT 06804 - 0055
Visit us on the Web at <http://www.cararadioclub.org>

Next CARA Meeting: Friday, June 9, 2023

This meeting will be conducted *only* in-person at the Stony Hill Fire Dept. in Bethel. Doors open at 7:00 pm, gavel at 7:30 pm.

No TEAMS credentials will be available.

Annual CARA Officer and Director Election night



June 9 Meeting Agenda

Pledge of Allegiance

Business meeting

Acceptance of minutes as published in CAPERS

Treasurers report

Annual CARA Officer and Director Election – Conducted by Directors

Committee reports

Repeater – June 3 work session

Website

Old business

ARRL VOTA CARA Participation: May 13 at Ball Pond Fire House

Sander Pool TS-2000 – Sold to Victor – WV1V

Parks On the Air May 31 Event at Putnam Memorial State Park

New business

Field Day: Volunteers for committees: antennas, food, computers/network, radios, setup/tear down, operator sign-up sheet.

Parks On the Air June 17 event - Lovers Leap State Park, New Milford.

Announcements:

CARA monthly informal Pasta-Night Dinner: June 20, 6:00 pm

Adjournment



President's Message – de W1NSK

Summer is just about here! With it comes two big events for our club. Both take a lot of planning, helping hands, commitment, and effort. The latter is what I would like to speak to this month.

We have a Club that enables us to further enjoy a hobby which at minimum we care about. Enjoyment comes in many forms: fellowship, learning, shared experiences, working together toward a common goal. I for one find I get so much more out of membership in an organization when I participate in activities and not just watch. Participating is not standing around talking to friends and drinking coffee. Although that can be a part...after the work is done. Active participation in Club efforts and activities is not only important but enables the Club to grow and prosper.

Two Big events are on the horizon that take a lot of effort and ACTIVE participation by Club members. The first is ARRL Field Day on Sat/Sun June 24th and 25th. Our effort compared to many clubs is modest and relatively easy to put together. BUT it takes people helping to do it. A sign-up sheet has been circulated via our reflector. It calls for Set up and Tear Down people and a schedule of operators. Please sign up. Let's make this successful and have fun doing it. The more the merrier! Our Ham fest is not far away as well, being on September 10th from 10AM to 2PM at Danbury PAL. This is an "ALL HANDS-ON DECK" event that takes a lot of work. More to come as planning has already started. ACTIVE PARTICIPATION is necessary to successfully manage our biggest fundraiser of the year. We need workers to make it happen. Be a worker!

This month's CARA POTA (Parks on The Air) will be held on the 17th at Lovers Leap Park in New Milford. Operation usually begins with us gathering at 10AM and staying until 3PM or so. Bring your portable station, a friend to introduce to the hobby or just yourself and join us!

The Club is looking for presenters at our meetings. It has been suggested that Club presenters may be more interesting and relevant than some of the "celebrities" we've had in the past. Let me know if you're interested in doing something. It doesn't have to be long with many PowerPoint slides. A simple half hour talk about a project or experience related to Ham Radio is good. Especially looking for topics such as Digital Modes and RTTY.

The informal Spaghetti dinner is again at Villa Vespucci Lodge on May 20th at 6PM. Stop on by for some socializing and "radio talk". \$12 all included except beverage.

This is your Club, and your active involvement is what makes it fun for all. meetings are held the second Friday of the Month. Doors open at 7PM and the meeting starts at 7:30. Meetings are now held at the Stony Hill Fire House in Bethel on RT. 6.

Come out to a club meeting, see some old friends and make new ones, get involved in a club committee, ACTIVELY participate and get on the Air!

Bud – W1NSK
CARA President

Vice- President's Message:
de W1JGM



CARA members: Bud - W1NSK, Harlan -W1QH, David - KB1ZAC, and I operated the New England QSO Party on May 7 from the W1AW Hiram Percy Maxim Memorial station at ARRL Headquarters in Newington. We experienced poor HF band conditions.

We had a good time at the May 13 W1AW/1 event held at Ball Pond Fire Dept. However, challenging band conditions limited our results to 95 contacts. Even though the propagation was poor, the food was great as always. (who was responsible for the food?)

We enjoyed another successful POTA event at Putnam Memorial Park in Redding on May 21. Several new members joined us to enjoy the day.

It's the official start of summer now that Memorial Day is behind us.

ARRL's Field Day is the most popular amateur radio on-the-air event of the year - and is coming up quickly on the weekend of June 24-25. We'll use the Ball Pond Fire Department again for this event. It's important that you attend the in-

person only June 9 CARA meeting at Stony Hill Volunteer Fire Department in Bethel to participate in planning.

Our "Elmer" night informal review of the amateur test questions is ongoing with plenty of discussions about changes with the exams since veteran CARA members earned their license. All are welcome to participate. Please advise me via email if you need the MS TEAMS link

I'd like to welcome three new Technician Class CARA members: Ken Winkley – KQ4HSM, Tina Winkley – KC1SUG of New Milford, and Daniel Thill - KE2BJG from Patterson, NY.

We wish Tina and Ken success in pursuit of their General Class license during the CARA's upcoming VE Exam session. CARA's VE Exam Team will host a session this Saturday at the Stony Hill Fire Dept. in Bethel - a perfect opportunity to become licensed or upgrade.

A team gathered on Saturday, June 3 to perform some maintenance and repairs at our repeater site on Spruce Mountain in Danbury. More details are included in the Repeater Committee report submitted to this month's issue of Capers.

The CARA 440 MHz. FM Repeater is now linked to the statewide KB1AEV and the NA1RA systems, which provide communications from lower Fairfield County to Harford County.

We'll conduct elections for Officers and Directors during our upcoming Annual Meeting on Friday, June 9 at the Stony Hill Fire Dept. in Bethel. Doors open at 7:00 pm.

Thanks, and get on the air.

Remember this is your club!

John Morelli - W1JGM
CARA Vice-President

May 12 Monthly Business Meeting Minutes

de CARA Secretary, Gary Adams – N1GSA



Meeting called to order at 7:45 pm by Vice Pres. John Morelli.

Pledge of Allegiance was recited.

The meeting was held at Stony Hill Firehouse. There were 3 people present thru Teams and 9 in person. There were 2 guests: Tina and Ken. Round Robin introductions were given.

Minutes of the previous meeting were accepted as printed in the Capers. Motion made, seconded, and passed.

The treasurer reported an opening balance of \$6384.88. Ending balance of \$6605.73. This does not include our investment of the IBond.

There was a proposed change in the By-Laws. John Ahle – W1JMA, read the proposed new wording which included adding “for any expenditure exceeding \$500. This would eliminate the need to make any lower expenditure voted upon by fewer than the regular quorum. Motion made, seconded, and

passed. All members present were confirmed as voting members.

Gregory Davis – WR1Z, resigned as chairman of the Repeater Committee as of February 10th. John Morelli – W1JGM, has been acting as leader of this committee since then. He has been trying to coordinate with the appropriate parties to get access to Spruce Mtn. Our 440 link is garbled on transmit from our side. We can listen just fine. The access to change this by DTMF is very extensive and he is hesitant to perform this.

Nominating Committee gave the following nominations:

Director 1: Dave Coelho – WA1JGA

Director 2: Rosty Slabicky – W2ROS

Director 3: Vincent Tompkins – N2OHH

President: Bud Kozloff – W1NSK

Vice Pres: John Morelli – W1JGM

Secretary: John Ahle – W1JMA

Treasurer: John Ahle – W1JMA

Nominations were opened from the floor – but none were made. Next month is CARA’s annual meeting where voting will occur, and new officers will be elected.

There was discussion regarding the necessity for the taking of minutes at planning minutes. This was tabled until further meetings.

CARA’s Volunteers On The Air activation of W1AW/1 is taking place tomorrow May 13th at the Ball Pond Firehouse from noon to 4pm. This time can be extended. John – W1JGM has made the arrangements and will submit the logs to W1RM, CT Section VOTA Coordinator.

There was a recommendation to eliminate the virtual Teams meeting option and supply TEAMS credentials.

CARA's next Parks On The Air - POTA event will be May 21st at Putnam Park in Redding in the Pond area parking lot.

John Morelli – W1JGM picked up the donated Sander Pool – W1SOP(SK) Go-Kit containing the TS-2000. There was only one bid on this radio for \$750 from Victor Shirmier – WV1V. Victor paid cash to John Ahle – W1JMA, acting Treasurer, and received the radio, power cord, and hand microphone.

Help is needed for Field Day coming up in June. This will be held at Ball Pond Firehouse. Several sub-committees will be formed for antennas, food setup, and teardown. We will discuss this further at the planning meeting and will be on the agenda for the June meeting.

The Monthly Pasta Night dinner will be this coming Tuesday, May 16 at the Vespucci Lodge in Danbury.

Goshen Hamfest is May 20.

CARA President, Bud Kozloff – W1NSK, requested that all CARA ARRL members fill out the ARRL Member Survey. Dan – W1QK, advised that this only takes about 10 minutes.

Tonight's meeting included a presentation from Dan Fegley – W1QK, about the Skeleton Sleeve antennas. It was primarily a Q&A session, as time remaining limited progress on building antennas.

Stefanie Fuda gave a brief report on the Website Revision Committee. She created a proposal to build a new website from the ground up to better serve the club. She has been working with Bud for input.

Regular Meeting adjourned at 8:20 pm.

Respectfully submitted,
Gary S. Adams - N1GSA, Secretary

May 26 CARA Planning Meeting Minutes de N1GSA

Meeting called to order at 7:30 pm by Pres. Bud Kozloff.

Pledge of Allegiance was recited.

There were 7 people present.

First business was the call for input for the next issue of Capers.

We won't have a Parks On The Air - POTA event in June. The next will be in July. Date TBD. The POTA last week was a wonderful teaching experience. People had the opportunity to go from station to station and ask questions about operations.

Still need a nomination for either Secretary or Treasurer.

Hamfest came up next. This will be on September 10 from 10:00 am until 2:00 pm. The Danbury PAL building on Hayestown Ave. in Danbury will be the location. The confirmation has been received. John Morelli – W1JGM, has sent a copy of the new insurance policy to them. Bud again suggested that we focus on having this event indoors only. However, if people want to set up outside, it would be up to them. Inside would be much easier and reduce the required sound system requirements. John – W1JGM, has already sent flyers stating both inside and outside. Outside would require 2 separate gates for entry. One for outside vendors and one for inside participants. The VE session at the Hamfest was the next topic. There were some issues at last year's session. The room at the PAL building was very small. There is usually our regular VE session a week after the

Hamfest. This will be a topic for future discussion. We could investigate lining up speakers for the event.

Field Day is rapidly approaching. Dave Teagarden – KB1ZAC has posted a Sign-Up Genius signup sheet on the website. There have already been a few people signing up. Dan Fegley – W1QI, and John Ahle – W1JMA, are planning a few meetings and work parties to go over the antenna set up prior to the event. The club antennas and cables need to be retrieved from Bethel EOC prior to this event. John Ahle – W1JMA, will try to load up totes on June 14th to transfer to the Ball Pond Firehouse. Harlan Ford – W1QH, will prepare the computer network and CARA's ICOM 756 Pro III for use. We need someone to take responsibility for proposing and implementing FD food planning and execution. Several members have expressed their opinion that food be self-supported by those interested instead of by the CARA Treasury. John Morelli – W1JGM, will submit FD information to the local newspapers so that they may visit and provide press coverage. He will also try to contact I-95 radio station in Brookfield. We could also try to contact the local political representatives. There are many bonus points available for CARA members to arrange to enable claiming. There should be an information table set up for extra points.

The meeting adjourned at 8:30 pm.

Respectfully submitted:
Gary S. Adams - N1GSA, Secretary



CARA Has been an ARRL Affiliated Club since 1946 – 77 Years in 2023

CARA Elmering TEAMS sessions continue

On Jan 6, 2023, at 8:24 PM, John Morelli via CARA <cara@cararadioclub.org> wrote:

Time is being set at 8 PM Sunday evening to assist anyone interested in becoming licensed or upgrading their license. We are asking anyone interested in assisting Elmering (coaching) new Hams get their license or upgrade.

Veteran CARA members are welcomed to join to help our new Hams.

This is a time to ask questions you may have about operating, station setup, antennas, or anything else. Join Us!

W1JGM – John.

Editor:

TEAMS meeting credentials for CARA Elmer sessions will be posted to the CARA Reflector. Another benefit of paid CARA membership besides an annual subscription to this CARA Capers Monthly newsletter.



Weekly CARA Sunday club NETS:

28.490 MHz. USB 7:00 pm – 7:30 pm
Net Control: Vinny – N2OHH

W1QI 2M FM Repeater – 7:30 pm
Net Controls: David -KB1ZAC or Charlie-KC1IBR,
John – KD2VUP



Upcoming Contests, Hamfests & Meetings:

- June 9: CARA Monthly Business Meeting. In-person only at Stony Hill Fire House in Bethel. Annual Meeting with Officer and Director Elections
- June 10-11: ARRL June VHF contest
- June 12: ARES Region 5 South meeting via TEAMS
- June 15: ARRL New England Division Director's Town Hall meeting sponsored by AB1OC via TEAMS
- June 17: CARA POTA operating event at Lovers Leap State Park in New Milford
10:00 am – 4:00 pm
- June 17: Stew Perry 160M Top Band Distance Challenge
- June 18: Father's Day
- June 20: Field Day Antenna work session at Ball Pond Fire House with rain date of June 22
- June 20: CARA Monthly Pasta Night Dinner – Italian American club in Danbury
6:00 pm
- June 24-25 ARRL Field Day – Ball Pond Fire House, New Fairfield
- June 26: CT ARES Region 5 meeting via TEAMS
- June 7, 14, 21, 28: CWops CWT 1300Z & 1900Z Wednesday, and 0300Z (Thursday)

July 7: July 2023 Capers input deadline to w1qk@snet.net

Worked All Connecticut Counties Award, WACC –

Sponsored by CARA & Administered by CARA Secretary, Gary Adams - N1GSA.
<http://www.cararadioclub.org/activities>

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.

2023 Ham Exam Schedule



Bethel CT 06801-3035

06/10/2023

Sponsor: Candlewood ARA

Date: Jun 10 2023

Time: 11:30 AM (No Walk-ins / Register or Call ahead)

Contact: Jonathan R. Bernon

(203) 232-7863

Email: aj1u@arrl.net

VEC: ARRL/VEC

Location: Stony Hill Fire House (Public Meeting Room)

59 Stony Hill Rd (Route 6)

Please use side door

Bethel CT 06801-3035

Upcoming 2022 Amateur radio exams:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>



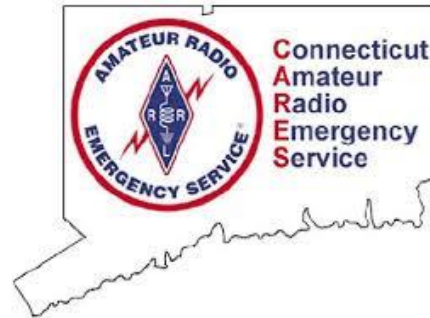
Connecticut Phone Net – CPN

This net starts at 6:00 pm EDT Monday through Saturday on 3.972 – 3.973 MHz. Sunday: 10:00 a.m. EDT 3.965 MHz.



The annual CT ARES Region 5 Simulated Emergency Test was held on Saturday, November 19, 2022. Thank you if you participated. Results

and comments will be discussed during future CT ARES Region 5 and CT ARES Region 5 South meetings.



Next CT ARES Winlink Wednesday:
Wednesday, July 5, 2023



Visit this website to learn more about CT ARES and Winlink Wednesday:

<http://www.ctares.org/>

"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*

ARRL and FEMA Sign Agreement: Ham Radio is as Relevant as Ever

Fri, May 26 at 8:52 PM

QST de W1AW

Special Bulletin 3 ARLX003
From ARRL Headquarters
Newington CT May 26, 2023
To all radio amateurs

SB SPCL ARL ARLX003
ARLX003 ARRL and FEMA Sign Agreement:
Ham Radio is as Relevant as Ever

The agreement emphasizes the importance of skilled Amateur Radio Operators in times of crisis and the role of ARES leadership within the emergency communications space.

ARES (see the ARES fact sheet at, www.arrl.org/ares) is a network of trained Amateur Radio Service licenses organized across the country to provide communications and other support to served agencies, such as local governments, hospitals, and disaster response charities.

More than 20,000 ARES volunteers actively participate in the ARRL program. In 2022, they provided more than 420,000 labor hours of service saving local officials \$13.4 million in personnel costs.

Each member of ARES has specialized training in emergency communications. Many have also completed training in the National Incident Management System (NIMS) in order to integrate with local officials during an emergency response.

In March 2023, FEMA released the final version of the NIMS Information and Communications Technology (ICT) Functional Guidance,

which includes radio amateurs in the response ecosystem and national emergency preparedness.

"The agreement is representative of the continued commitment and cooperation between FEMA and ARRL," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. "Serving our country during emergencies is an important service provided by ARES volunteers and a principal purpose of our Amateur Radio Service. Our well-equipped volunteers bring their training, use of innovative technologies, and community partnerships together to serve before and during disasters."

FEMA announced the new agreement on Twitter stating, "We recently signed a new MOA with ARRL -- establishing our partnership with licensed, voluntary amateur radio operators to support response (and) recovery efforts. We're honored to work side-by-side to meet the needs of millions in the wake of disasters."

Former FEMA Administrator and ARRL member Craig Fugate, KK4INZ, led the agency when the previous MOA with ARRL was signed in 2014. Fugate said the agreement underscores the importance of ham radio. "By incorporating amateur radio into their emergency plans, FEMA ensures that they have access to a network of trained operators who can establish and maintain communication links when traditional infrastructure fails. This collaboration between FEMA and Amateur Radio Operators allows for more robust and resilient emergency communication capabilities, ultimately contributing to effective disaster response and recovery," said Fugate.

"The ARRL Board and the Emergency Communications and Field Services Committee are committed to strengthening our resourcefulness to the EmComm (emergency communications) community," said ARRL President Rick Roderick, K5UR. "Our partnership

with FEMA helps further ARRL's work to better serve our volunteers, partner agencies, and the country."

NNNN
/EX

CT ARES news:

CT ARES will be supporting the annual Litchfield Road Race on Saturday, June 11. ARES members and other hams interested in providing communications support are invited to meet at the Litchfield Fire House.

Contact Paul Gibb – KB1TOR for details.

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

“CW’s Corner”

de W1QK & WA1KRG



CW

How to enter a "Slashed Zero" in Your Document:

1. Position the insertion point where you want the slashed zero to appear.
2. Press Ctrl+F9. Word inserts field braces.
3. Type "eq \o(0,/)". (You should not include the quote marks.)
4. Press Shift+F9. Word collapses your field and the slashed zero appears.

How do I type an O with a slash through it?

Using Microsoft Word, ø and Ø may be typed by pressing Ctrl-/ followed by either minuscule or majuscule O.

What word fonts have slashed zero?

Fonts with Slashed Zero Numbers – They are Consolas, Inconsolata, Roboto Mono, and Share Tech Mono fonts.

Future CARA POTA Unexpected visitor



BEØAR

I'd like my burger well done with some cheddar cheese on top please. Ketchup, mustard, but hold the onions. Crinkle fries and a Coke Classic is fine.

Did you work that BE0 prefix in the recent CQ WW WPX CW Contest?

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.



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 – Gary Adams, N1GSA
Mrclipper69@yahoo.com
Treasurer –

Directors:

Harlan Ford, W1QH - hford01@snet.net
David Coelho, WA1JGA – davidcoelho52@gmail.com
John Ahle, W1JMA – w1jma@w1qi.net

CARA is an IRS 501(C)3 Organization.
Consider supporting CARA in your estate planning.

*CAPERS is the monthly newsletter of the
Candlewood Amateur Radio Association*
Editor: Dan Fegley, W1QK
w1qk@snet.net



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 as long as 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>



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

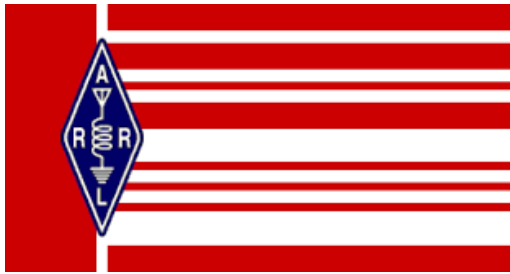
- [Join or Renew Today!](#) Eligible US-based members can elect to receive [QST](#) or [On the Air](#) magazine in print when they join ARRL or when they renew their membership. All members can access digital editions of all four ARRL magazines: [QST](#), [On the Air](#), [QEX](#), and [NCJ](#).
- Listen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



ARRL CT Section News

This space reserved in CARA Capers for monthly updates from our ARRL CT Section Leadership.

K1EHZ: "A COUPLED-RESONATOR HF ANTENNA" FEATURED IN APRIL, 2023 QST Contributed by Phil Temples, K9HI

Kudos to Jay Taft, K1EHZ, for his article, "A Coupled-Resonator HF Antenna" which appears in the April, 2023 QST. Jay also has antenna designs published in The ARRL Antenna Book. Jay is an Amateur Extra class licensee. He earned his first license in 1958 at the age of 14, and his first job was servicing marine HF radios along the Connecticut coast. Jay has a bachelor's degree in biology, as well as a

master's and PhD degree in biological oceanography. The Bedford, New Hampshire resident operates Win link global email gateways and is a member of ARRL, New Hampshire ARES, the Merrimack Valley ARA and the Granite State ARA. [Note: On March 10th, Jay Taft, K1EHZ, along with John Stanley, K4ERO, gave a presentation to the Granite State ARA on Comparing Coil Form Materials. This presentation is related to his recent April 2023 QST article titled "A Coupled-Resonator HF Antenna". You can find the video of the presentation on the GSARA YouTube page:

<https://www.youtube.com/watch?v=wF-OyD3eH-k> FacebookTwitterEmailShare



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

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

FYI messages from the YCCC Reflector with acknowledgement to all contributors:

Re: Recommendation of Antenna Analyzers

From: Leandra MacLennon
Date: Wed, 24 May 2023 11:22:11 EDT

I have the AA-230 and AA-1400. I'm very happy with both of them. They are very easy to use.

I have given up on Duracell and Costco AAA and AA batteries. Costco batteries are also made by Duracell. **Something has changed in their manufacturing process resulting in these batteries corroding very quickly.** I have a brand-new package, quantity-30, of Duracell AAA batteries, where 1/3 of the batteries were already corroded, I before opened the package. **I have needed to clean out battery compartments in many devices from these corroding batteries.**

I have switched over most of my battery operated devices to Eneloop AA and AAA batteries. These are very low self-discharge NiMH rechargeable batteries. These work great in my AA-230 and AA-1400. Just be aware the battery monitor symbol on the AA-230 and AA-1300 display will not be accurate. The Eneloop battery discharge voltage is relatively flat during discharge then drops quickly when the charge is depleted. I recommend charging the Eneloop batteries as soon as the battery symbol shows less than full voltage.

For the few applications where I don't want to bother with charging the batteries periodically, such as in my television remote controls, I'm trying a Chinese battery brand, Voniko, that claims it is "leakage protected". I found these batteries on Amazon. I will be monitoring these batteries to see if they leak and to see how long they last.

-Leandra AF1R



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/>

FYI: Messages from the CWops Reflector with acknowledgement to all contributors:

Why I missed Dayton...Athena to Make Debut at EcoMotion Week - Social Media News Today - EIN Presswire

From: Rob K6RB #3

Date: Sat, 20 May 2023 22:44:20 EDT

Athena to Make Debut at EcoMotion Week - Social Media News Today - EIN Presswire

https://www.einnews.com/pr_news/634829274/athena-to-make-debut-at-ecomotion-week

https://socialmedia.einnews.com/pr_news/634829274/athena-to-make-debut-at-ecomotion-week

Re: Why I missed Dayton...Athena to Make Debut at EcoMotion Week - Social Media News Today - EIN Presswire

From: Peter GM0EUL (1899)

Date: Sun, 21 May 2023 05:37:13 EDT

That is a really excellent idea Rob. Congratulations, I hope it does well. I could do with one in my truck for camping trips with my dogs.

73

Peter gm0eul, 1899

Athena to Make Debut at EcoMotion Week



Athena ready to detect and respond. *A Life Saving System for Kids Alone in Heating-Up Cars*

It is a great opportunity to demonstrate Athena's capabilities, under real-world conditions, to EcoMotion attendees"

— Robert Brownstein

ASHDOD, ISRAEL, May 21, 2023/[EINPresswire.com/](https://www.einpresswire.com/)
-- Athena, an effective safety system for preventing heatstroke of children inside of rapidly heating-up cars, will make its first public appearance at EcoMotion Week, on May 23, in Tel-Aviv, Israel.

"The timing of Athena's final product development and EcoMotion Week is ideal," said Robert Brownstein, Chief Operations Officer with [EVE Cabin Safety Systems](https://www.evesystems.com/), LLC. "It is a great opportunity to demonstrate Athena's capabilities, under real-world conditions, to EcoMotion attendees," Brownstein added. Israel passed a law in March 2021 that mandates having a device like Athena in any vehicle carrying a child four years old or younger. However, before Athena, there was no product available that met the detection and response requirements under that law. As a result, it has not been enforced. Athena, which more than meets those detection and response requirements, could hasten that law's enforcement.

The Product

Athena, about the size of a smoke detector, is designed to be attached to a vehicle's ceiling, mid-way

between the sides, and between front and back seats. It comes to life as soon as a door has opened, and begins to "look" for signs of a driver and any passengers, including children and pets.

So long as it detects a driver behind the wheel, it continues its vigilance, but takes no action. However, if a driver exits the vehicle, and Athena still detects a child remaining in the vehicle, it will immediately begin a first-level response, alerting the driver through flashing lights and beeping sounds.

Once the driver returns, opens the door, and removes the child, or gets behind the wheel and drives off, the first-level Athena alert will halt while it continues to remain vigilant. However, when the first-level alert began, an internal timer was set, and if the timer times out with no driver being detected and living beings still detected in the vehicle, Athena will use its built-in cellular capability to call pre-programmed phone numbers and, ultimately, an emergency phone number. As soon as Athena's cellular unit detects a called-number's pickup, it conveys a text and audible message describing the situation and providing a link for the vehicle's current location based on its internal GPS interface.

"A child that perishes in a hot vehicle is the most avoidable and terrible disaster that can happen to a parent," said Brownstein. "Athena is designed to prevent that from ever happening, again. It first alerts the driver, within seconds after a driver exits, that a child is still in the vehicle. That first warning can be confined to a local response by the driver. But, in the case where the driver does not respond, Athena will escalate the response by reaching out, effectively, to those who can respond," Brownstein explained.

Athena on Display

At the upcoming EcoMotion Week event, EVE Cabin Safety Systems will have a booth, inside, and a vehicle parked outside, in the sun, with Athena installed. Inside the vehicle, a high-technology live-baby simulator provides realistic motion and breathing simulation that can be detected by Athena. When the car door is opened and closed, Athena wakes up and begins to detect the simulated baby in the vehicle. It soon after detects the absence of a driver. Then, it begins its first-level response. When a few minutes have elapsed, it will place a call and deliver a description of the situation and a link to the vehicle's location. EcoMotion attendees will see, first hand, how Athena can save lives.

Going Forward

EVE Cabin Safety Systems IL, located in Ashdod, is the exclusive licensee for Athena. It will be securing agreements with cellular operators, resellers and installers to insure that Athena can be easily and

efficiently purchased, installed, and set up. It has already begun discussions with potential cellular, reseller and installer stakeholders.
EVE Cabin Safety System IL's plan is to begin manufacturing and distributing these products by, or before, January 2024. At that time, all the cellular, reseller and installer stakeholders will be in place.
Mitchell Brownstein
EVE Cabin Safety Systems, LLC
mitch.b@my-athena.com

73 or 88 How to use?

From: Ken Tanuma
Date: Wed, 17 May 2023 11:26:07 EDT
I just received telephone call from JK1KSB Oku, editor of the HF column in CQ JA magazine.

He asked me which is right followings occasion.

OM to YL sending 73 or 88?

YL to OM sending 73 or 88? Which is it?

The JARL guide seems to indicate that OM to YL is 88.
Isn't that strange?

Do you have right answer? or any opinion?

Please give me any.

Ken JN1THL #161

Re: 73 or 88 How to use?
From: Mike W9MR #2148
Date: Wed, 17 May 2023 11:41:13 EDT
OM to YL sending 73 or 88?
+ 73 unless there is an established relationship

YL to OM sending 73 or 88? Which is it?
+ YL's choice, but probably should be 73 unless there is an established relationship.

The JARL guide seems to indicate that OM to YL is 88.
Isn't that strange?
+ I would consider this strange and a bit forward of the OM, unless there was already an established relationship that would indicate that hugging the YL would not be creepy/unwelcomed.

Do you have right answer? or any opinion?
+ My opinion is to treat it like other in person interactions. Would a hug on departure with this

person be uncomfortable or unwelcomed if we were talking on the street? Then it's a stick with the 73 version. If it's someone I have known for a long time, then it might be different. I choose to be cautious, and you can't go wrong with a 73.

73,
Mike W9MR, #2148

Re: 73 or 88 How to use?
From: Tom DF7TV #2613
Date: Wed, 17 May 2023 11:51:22 EDT
Hello Ken-san,

Good question!

In my case, I only send "88" after I received it from a YL/XYL operator first.
But if I receive it, I always do it -- even if I already sent a final "TU e e" before :)

Anyway it is always a great pleasure to meet YL/XYL operators on the air.

CU 73 - Tom

Re: 73 or 88 How to use?
From: Zack Widup
Date: Wed, 17 May 2023 11:58:31 EDT
Either is correct, OM to YL or YL to OM. But I usually only send 73, even if it is to a YL, unless I know them personally. But that is just my preference.

Zack

Re: 73 or 88 How to use?
From: Michael (N1EN)
Date: Wed, 17 May 2023 13:40:27 EDT
As an OM, I would send 88 only to people whom I would hug and maybe cheek-kiss as part of a farewell. Generally, that would be only YLs who are more than acquaintances.

I'd think it creepy to send 88 to another OM, or someone I barely knew, but that may be a reflection of the biases I've picked up. Maybe if I had grown up in a less-physically reserved environment I'd think differently.

I don't find it creepy for a YL to send 88 to everyone.

--
Michael Adams | mda@n1en.org



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

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



<https://n1mmwp.hamdocs.com/n1mm-features/>

There is already a good N1MM+ POTA UDC. The wise folks of N1MM+ will help you download and install it if this is the first time you will be trying. Even I, almost entirely computer illiterate, managed it!

73 - Rich, K1DJ



Member and Station News:

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

Just snap pix of your station, antennas, mobile installation, etc. and send it to w1qk@snet.net Your Capers editor welcomes and encourages member input.

CARA VOTA Event – Saturday, May 13



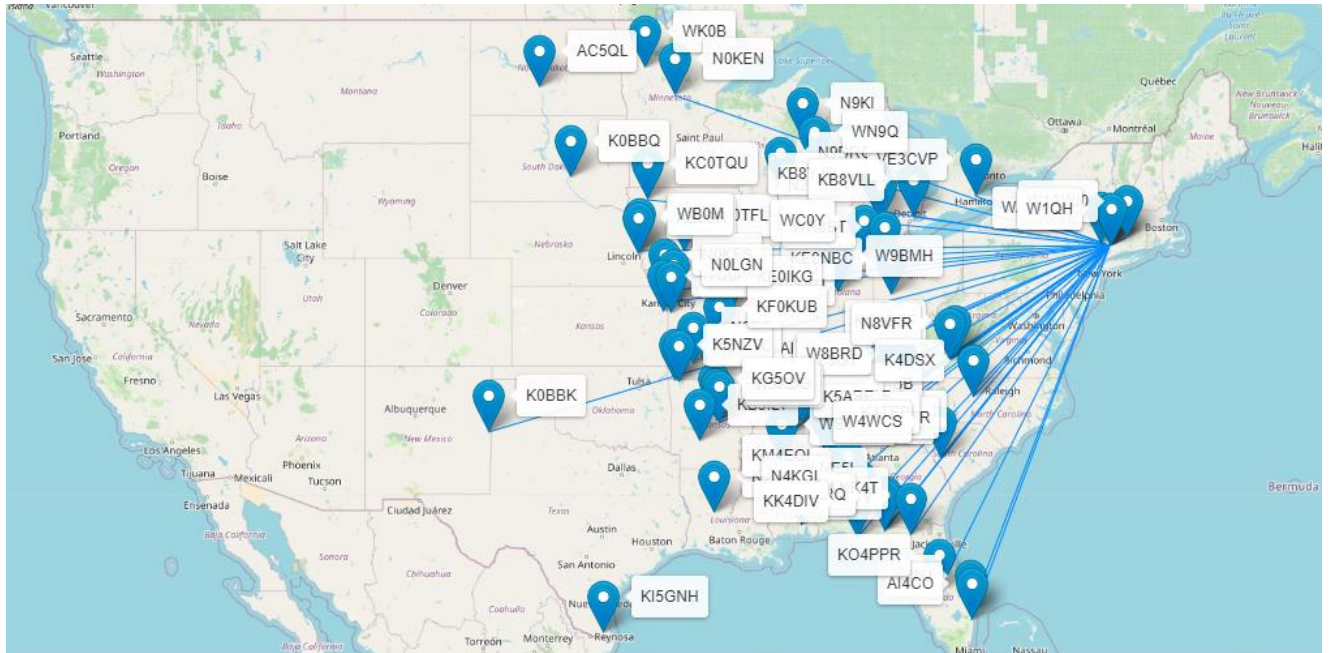
First, Thanks to all that participated in the CARA portion of this event held at the Ball Pond Firehouse Saturday and the many that came to visit. I trust you enjoyed the day and had some good times. If you operated, you know that it wasn't easy to make contact as the bands were not cooperating.

On the air, we did complete (70) 20-meter and (25) 40-meter contacts.

More important it was a chance to demonstrate our skills, use our equipment, enjoy some good food, and most important some great company with others.

I have summited the logs to the event site.

73 - W1JGM

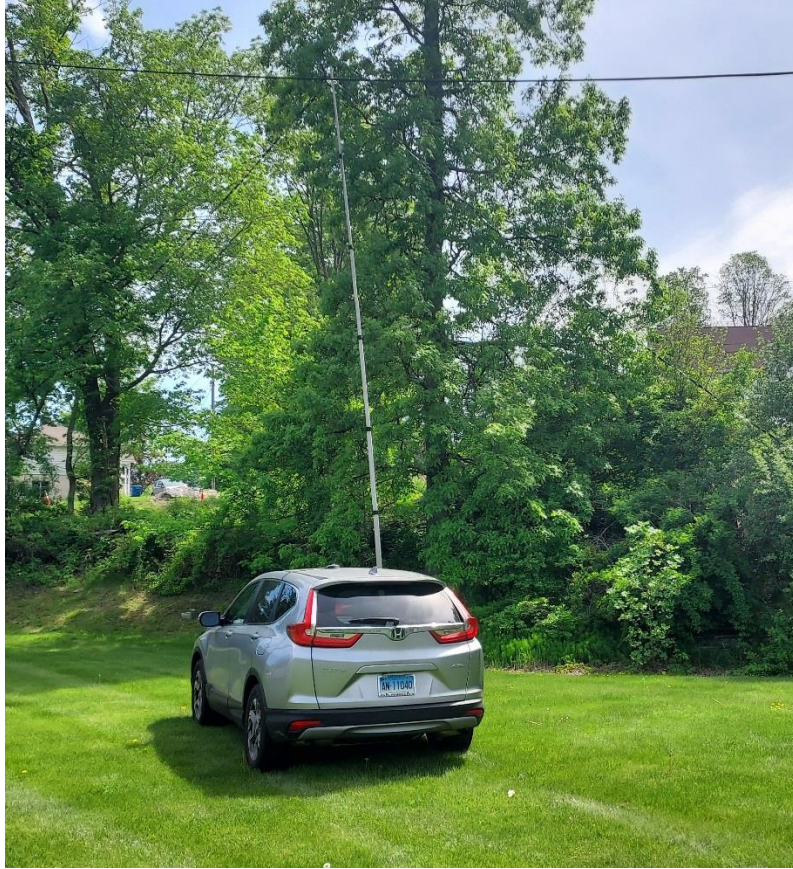


W1AW/1 contacts made by CARA VOTA operators.



John - W1JMA operating as W1AW/1 during CARA's VOTA operation

Photo: KB1ZAC



W1AW/1 VOTA Station at Ball Pond FD set up by John – W1JMA
Photos submitted by W1JMA

CARA W1QI Repeater Work Party – June 3, 2023 de W1JGM – CARA Vice-President



Our thanks to Danbury Fire Department's Deputy Chief - Bernie Meehan, and the Danbury Fire Department in assisting to clear the access way and to provide transportation for the personnel and equipment to the W1QI repeater site on Spruce Mountain.

Also thank you to Dana Underhill – KB1AEV, Mike Walters – W8ZY, Harlan Ford – W1QH, and Paul Gibson – N1TUP, for their work to repair the linked radio system, which connects CARA's repeaters to the NARA and KB1AEV statewide linked repeater system. Mike – W8ZY, stood by for the length of the repairs at the cul-de-sac manning the base.



L-R: Dana Underhill – KB1AEV, Bernie Meehan – KB1DFD, Harlan Ford – W1QH, Paul Gibson – N1TUP, John Morelli – W1JGM

On Saturday June 3 after many months of delay, we were able to organize all of the required personnel and the weather was in sync to do long needed repairs and maintenance on the CARA repeater system.

With the assistance of Deputy Chief Bernie Meehan and the Danbury Fire department, the firemen cleared the fallen trees and heavy brush from the access way to the tower.

They then returned to provide transportation for club members and equipment required to perform the maintenance and needed repairs to the repeater system. The DFD Ranger (ATV) is the perfect vehicle to transverse the overgrown easement to the tower. This is the first time this year that CARA members have been to the site. The vegetation around the communications box is overgrown, the roof of the box needs to be recoated to prevent the ingress of rainwater, the entrance stairway is rotted and collapsed, there's evidence of a coyote living under the container, the door handles and locks require attention, and the interior light bulbs require replacement.

CARA will work with Danbury Fire and the Airport administration to help with this maintenance. The Fire Dept will contact the Airport Administrator.

June 3, 2023: Repairs and maintenance to CARA's W1QI repeater system.

The RF power for the both repeaters and the link radio were checked, the 2-meter and the 70CM were outputting 30 Watts to the antenna, the link radio was outputting 3 watts to a dummy load. The link was readjusted to 4 Watts output. the 2-meter and 70CM duplexers and antennas were checked and found good in both return loss and SWR. De-sense was also checked and found not to be an issue. On the 70CM repeater, we replaced a length of RG8x from the polyphaser to the hardline with LMR400. The coax to the link antenna was checked and the return loss was not as expected. the antenna was checked and found to have a loose element and the gamma match did not match the setting on the data sheet, there was a striped screw holding one of the elements. The antenna was replaced and will be evaluated for repair. Modification to the RC210 code was made to improve operation.

After repairs, the link was independently tested to the statewide system and found to receive and transmit full quieting, it was then connected to the repeater and retested. It was found to also be full quieting. the 2-meter and the 70CM were linked and tested. All tests were found to be satisfactorily.

The 70CM repeater is linked to the state-wide system full time and the 2-meter repeater will be linked on demand by our control operators. Remember the 447.775, -5000 shift now has a PL of 151.4. When using the CARA 70CM repeater, you will be linked to the NARA system, **and** the KB1AEV system. this will allow communications from lower Fairfield County to Vernon. CT in Hartford County. You will be bringing up several repeaters, so remember to allow a second or two before speaking to ensure that all repeaters are up, and the person at the other end is not missing the first part of your transmission.

Assisting today was; Dana -KB1AEV, Mike - W8ZY, Paul - N1TUP, Harlan - W1QH, John - W1JGM with special thanks to Danbury Fire Dept. Deputy Chief - KB1DFD, and Danbury Fire Dept. personnel.

Let's enjoy this vital asset, make new radio friends, and enjoy the hobby. This is the culmination to a multi-year project with contributions by many who shared the vision and made it happen.

If you notice any issues, please let me know.

73,

*John G. Morelli – W1JGM
CARA Vice-President*

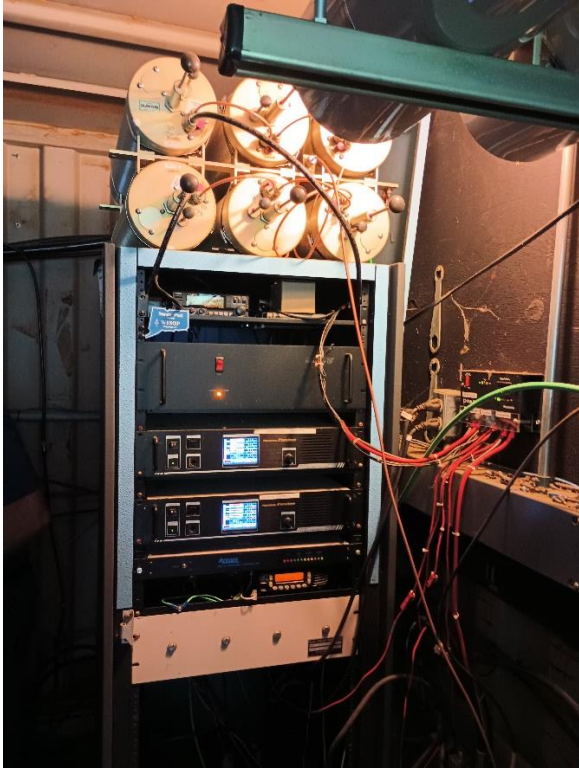


Photos supplied by Bernie Meehan – KB1DFD

Additional photos submitted by Harlan Ford – W1QH:









3 – element SP7GXP Yagi installed on heavy duty roof tower at W1JMA:



Thanks to Steve – W1SMS, Paulo – KC1RTX, Carl – KR1STF, and Joe – AB1DO for their assistance. Photos submitted by John – W1JMA



New to Field Day? START HERE!

Field Day is ham radio's open house. Every June, 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 communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933, and remains the most popular event in ham radio.

["What Is Field Day" \(Printable PDF Flier\)](#)

We welcome the public to come learn more about ham radio! Use our [Field Day Locator](#) to search for a Field Day site near you.

- **Objective-**

To contact as many stations as possible on the 160-, 80-, 40-, 20-, 15- and 10-Meter HF bands, as well as all bands 50 MHz and above, and to learn to operate in abnormal situations in less than optimal conditions.

Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.

Each claimed contact must include contemporaneous direct initiation by the operator on both sides of the contact. Initiation of a contact may be either locally or by remote.

Rules, Entry Forms and Information Packets-

[2023 Field Day Packet](#)

[2023 Field Day FAQ](#)

[2023 Aggregate Club Scoring FAQ](#)

[2023 Field Day Rules Page \(Printable PDF\)](#)

[2023 GOTA FAQ](#)

[2023 GOTA Scoring FAQ](#)

[2023 Control Operator Information](#)

[2023 Safety Officer Info/Checklist](#)

[2023 Educational Fag](#)

[2023 How to Succeed - By Really Trying](#)

[2023 Field Day Summary Sheet](#)

[2023 W1AW Bulletin Schedule](#)

[2023 Field Day Information Flier](#)

[Field Day Log Sheet](#) (keep for your records - don't send to ARRL)

[Field Day 2-Page Dupe Sheet](#) - best if printed on 11"x17" paper stock (send Dupe Sheet (or Cabrillo Summary sheet) to ARRL with your bonus documents {do not send Log Sheet})

ARRL and RAC Section List (updated for 2023)

- [ARRL/RAC Section Check List](#) (PDF; great for kids and guests!)
- [ARRL/RAC Section List](#) (PDF; unformatted)

Field Day Supplies & Promo Posters-

Official ARRL Field Day shirts, hats, mugs, participation pins, and patches are a great way to recognize your involvement in this popular, annual operating event! Advance orders for 2023 ARRL Field Day merchandise will begin late April. For Field Day supplies [Go Here](#) (while supplies last).

[2023 Field Day Poster](#) - This poster can be printed and has space for your club or organization to add information about your local Field Day event.

- **Field Day Site Locator-**

Find a Field Day site near you or input your site to share with others.

Note: If you are entering a new Field Day site, **you must be logged into the ARRL website for your Field Day entry to be automatically posted on the Field Day Locator. If you are not logged in, your site will not be listed on the Field Day locator until it is reviewed by ARRL staff.**

If you are searching for Field Day sites but encounter screen errors, be sure you have JavaScript enabled on your browser. To confirm you have JavaScript enable, go to this web site <http://www.enable-javascript.com/>

[Go Now to the Locator page](#)

*[CARA Members] field day sign up link
att.net/Inbox*

David Teagarden via

CARA <cara@cararadioclub.org>Unsubscribe

To:CARA

Mon, Jun 5 at 1:25 PM

<https://www.signupgenius.com/go/20F054AA8A923A7F58-field>



What is ARRL Field Day?

Produced by ARRL, the national association for amateur radio <http://www.arrl.org>

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. 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 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 Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate 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.

What is the ARRL?

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

What is Amateur Radio

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

For More Information visit: www.arrl.org/field-day

Updated 3/2021

CARA POTA Guidelines

Purpose: To set forth operating guidelines for CARA sanctioned POTA events.

- Those members who plan on bringing their stations shall sign up so the POTA coordinator can set up the operating schedule
- Those members who plan on participating w/o equipment will sign up as an operator
- Multiple stations will coordinate operating conditions and band plan
 - Each station will use the CARA filters for the band assigned
 - Each station shall determine their respective operating mode
 - Stations shall change operating bands each hour, example:
 - First hour of operation: station 1 on 40m; station 2 on 20m; station 3 on 15m; etc.
 - Second hour of operation: station 1 on 15m; station 2 on 40m; station 3 on 20m; etc.
 - Third hour of operation: station 1 on 20m; station 2 on 15m; station 3 on 40m; etc.
 - Repeat
- Use this activation as a means for new or inexperienced hams to get on the air!
- Have fun!!

Approved Friday 8/12/22

Local Repeater Reference – Compiled and submitted by W1JMA

Town	State	Freq	PL	Call	Other
Danbury	CT	147.300	100	W1QI	FM
Danbury	CT	147.120	100	W1HDN	FM
Carmel	NY	145.130	136.5	K2PUT	FM
Bethel	CT	147.030	100	KA1KD	FM
New Canaan	CT	146.775	100	N1LLL	FM
New Milford	CT	146.730	151.4	NA1RA	FM
Norwalk	CT	146.475	100	W1NLK	FM
Danbury	CT	447.775	151.4	W1QI	FM
Danbury	CT	443.650	114.8	W1HDN	FM

Source:
Repeaterbook.com