



Capers

April - 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, April 14, 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.***

**18
APRIL**

**WORLD
AMATEUR
RADIO
DAY**

arrrl.org/world-amateur-radio-day

April 14 Meeting Agenda

Pledge of Allegiance

Business Meeting

Acceptance of Minutes as Published in CAPERS

Treasurers Report

Committee Reports

Repeater:

Website Comm.

Nominations

Old Business

Constitutional Proposals – Marcus Swearingen, AB1WV

Amendment for \$500 voting threshold

VOTA / CARA Participation

On Site Meetings at Stony Hill

Sander Pool “Radio Box”

Parks On the Air, POTA April Event

New Business

Technician Class

Membership Drive Committee: Chair?

Field Day: Volunteers for committees: antennas, food, computer/network, radios, setup, tear down.

Announcements:

Pasta Night Dinner April 18.

CT Proclamation of 2023 Amateur Radio Year.

ARRL Update: Bud -W1NSK, ARRL CT Section Manager



President's Message – de W1NSK

Happy Easter to you all! The weather is getting nicer, Sun is shining more, daylight is getting longer, and flowers are beginning to bloom. Time to start thinking about Antenna work, POTA and Field Day!

If you're reading this before our meeting on the 14th, please be sure to vote on the amendment proposed. The change to voting on budget items over \$500 will only make club operations easier.

We are gearing up for Spring. Regular Club POTA are to begin this month. This activity has grown in the ham community tremendously in the last year or two. Come out and join the fun!

A Technician Class in May will be offered by the club. We're unsure if this will be strictly virtual or in person at Stony Hill. If you know someone who is interested in getting licensed let them know. Stay tuned for details.

The Club is looking for presenters at our meetings. 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.

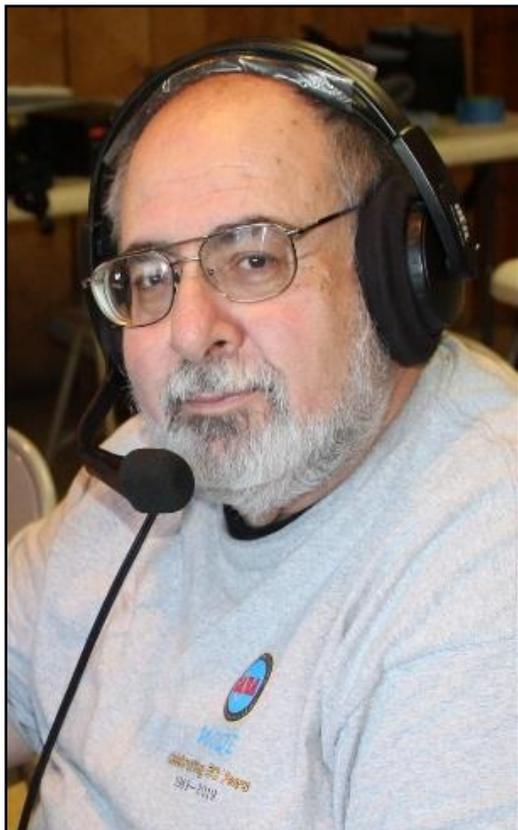
With Spring comes many things including Hamfests, Field Day, and many conventions including Dayton. Venture out and enjoy some of these. Buy some more "stuff" for the shack and chat with new and old ham friends.

This April 18th, is the monthly unofficial Spaghetti Dinner Gathering at Villa Vespucci in Danbury at 6:00.

Most of all come out to a club meeting, get involved in a club committee and get on the Air!

Bud - W1NSK
CARA President

Vice- President's Message:
de W1JGM



My lawn is turning green, the trees are budding and will soon be bursting with new foliage - plus all the delightful Spring smells are emerging.

CARA's first outdoor Parks On The Air – POTA, event will be held on April 15 at Squantz Pond State Park in New Fairfield. We plan to be active from 10:00 am until around 4:00 pm. We'll be setting up again at the Candlewood Cove side of the park.

For planning purposes, please advise John Ahle – W1JMA what times, bands and modes that you're interested in operating so we can share accordingly. Come join us.

Mark your calendar for other On-The-Air operating events coming up too. CARA will

operate as W1AW/1 for ARRL's Volunteers on the Air (VOTA) yearlong celebration at the Ball Pond Volunteer Fire Co. on May 13. This event will be conducted as a mini Field Day. Set up around 11:00 am, then on the air on 20 and 40 meters from noon to 4:00 pm. If we have additional resources, we can apply for additional bands and modes including CW, Phone or Digital. These stations will generate significant pile ups.

Our annual trip to operate the New England QSO Party from W1AW in Newington is planned for May 14. Carpooling can be arranged. This is an exciting and memorable day to operate at the ARRL's premier "Mother Ship Station".

The issue with the city of Danbury and the Spruce Mountain FAA tower site has been resolved. We're working on a schedule to repair and restore the link to the NARA site and the KB1AEV repeater system.

As everyone should be aware, 2023 CARA membership dues were revised at the December 2022 meeting and were effective at the end of March 2023. If you haven't submitted your 2023 dues, you've lost your membership benefits as of the April 14 business meeting.

Thanks, and get on the air.

Remember this is your club!

73,
John Morelli - W1JGM
CARA Vice-President

March 10 Monthly Business Meeting Minutes

de CARA Secretary, Gary Adams – N1GSA



Meeting called to order at 7:20 pm by Pres. Bud Kozloff.

There were 6 people present by way of Teams.

John M mentioned that he has sent a letter out to the entire membership regarding that dues were due and payable as of Jan 1st. This also had the NEW dues structure listed. He has had 2 members that were not going to renew their membership. There are, as of last report, that there are 40 paid members.

John mentioned that the issue with the City of Danbury has been resolved. We are still working on a date to go up the hill for further repairs.

He reported that we need to start the Save The Date process needs to be started. This will ensure a good attendance for this MAIN fundraiser for the club.

Bud brought up about the Constitutional proposals. Marcus and Charlie will make a presentation at the next regular meeting.

The next POTA event will be April 15th at Squantz Pond State Park. We have used this many times with good success.

The NEQP was the next topic. This will be May 6 and 7. Mother's Day is the following weekend. Bud will coordinate with ARRL for our participation.

Field Day was next. This is only 2 months away and coming up fast. Bud was at the Meriden meeting this past week and they already have full committees set up. This was their third meeting regarding this event for them. Question brought up about doing Field Day at Ball Pond Firehouse again. John stated that the Firehouse is available. It is possible that there are some rule changes possibly in the future.

The position of Secretary has not had any volunteers at this time. John A is willing to take Secretary if someone would take Treasurer.

The Volunteers on the Air is an ongoing event that will run until the end of the year. This is the event where people use the W1AW/? Call and make contacts that will be accumulated on LOTW. There is a VOTA site at the ARRL website. There is a list of all the contacts made.

VOTA will be held at Ball Pond Firehouse on May 13th with 2 radios on 20 and 40 meters. This is a 4-hour event. This is the day after our May meeting and in place of a May POTA.

The annual Card Sort for ARRL is still in limbo due to the lack of cards that have been sent to ARRL.

Bud mentioned that we no longer have a Teams component for our Regular Meeting. This should make for more comradery at Stony Hill Firehouse. We would still have the Planning Meetings on Teams.

The April meeting will have a short presentation from Stefanie regarding the Website and it's future. Photo rotator would be a necessary addition. Ease of change should be a priority. We also need to make this site pleasurable and interesting for web searchers to use. Bud will also make a presentation about ARRL.

Being no further business, the meeting adjourned at 8:20 pm.

Respectfully submitted,
Gary S. Adams - N1GSA, Secretary

CARA Planning Meeting Minutes
March 24, 2023
de N1GSA

Meeting called to order at 7:35pm by Pres. Bud Kozloff

Pledge of Allegiance was recited.

There were 7 people present thru Teams and 6 in person. The top 4 officers and 2 directors were present.

The Policy and Procedure changes were tabled until the Executive Board has a presentation to be voted upon.

The Pool Box was the next topic. Bud presented the various proposals concerning this equipment. Motion made to adopt Option 1: This was to sell the TS2000 to a club member as defined in the current bylaws.

Club members will have 30 calendar days from the beginning of the silent auction period to mail their bid to the CARA PO Box.

The opening bid will be no less than \$750. At the end of the auction period, the club Treasurer shall retrieve the bids and they will be opened at the next club regular meeting.

If there is a tie in bids, those bidders shall enter a revised bid within 5 business days from the meeting to the CARA PO Box. The treasurer shall open the revised bids and notify the club by email the winning bid amount and notify the winner by email that they won the bidding process.

Once the winning bid is accepted, the bidder shall have 5 business days to pay by check or cash the amount of the winning bid and take possession of the TS2000.

Vote was in the affirmative to proceed with this Option.

John M. spoke about the requirement of the City of Danbury to hold harmless for any injury or damage incurred. At this point we cannot access the Repeater for any reason. This has been sent to the City Legal Counsel and our Insurance Company.

The topic of Sister Clubs with NARA and CARA was the next topic of discussion. We have for many years worked hand in hand with each other. NARA has assisted CARA with Hamfests, Field Day events as well as many other events. Motion made and seconded to declare these club be Sister Clubs with relationship terms to be directed by the President. Discussion followed. Vote was taken and defeated. This can be discussed further and brought up later.

Minutes of the previous meeting were accepted as printed in the CAPERS. Motion made, seconded and voted in the affirmative.

Motion to adjourn at 8:20pm

Respectfully submitted,
Gary S. Adams - N1GSA, Secretary



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

CARA March Meeting Program Rewind:

How to install crimp-style PL 259 connectors.

This program/workshop was in-person and on Teams.

The program was a workshop on installing PL259 on Coax. This program was for new hams as well as veterans who haven't worked with new crimp on style connectors.

CARA's FD coax was used to install the new connectors. John -W1JGM and John – W1JMA brought the needed tools.

Thanks to Dave KB1ZAC who assisted in getting W1JMA into Bethel EOC to retrieve the coax.

Volunteers on the air

From: [Pete W1RM](#)

Date: Fri, 30 Dec 2022 11:08:08 EST

Starting Jan 1, there is a new, year-long, activity called volunteers on the air. Full details can be found here: <http://www.arrl.org/volunteers-on-the-air>

Part of this activity is the operation of W1AW/n throughout the year, just like the operation during the 100th anniversary.

I am the manager for W1AW/1 in Connecticut. We will be on the air for two weeks, May 10-16 and again September 27 – October 3.

If you are in Connecticut and would like to join the team to be W1AW/1, please fill out the application here: [W1AW/1 - CT Operator Sign Up](#)

Editor:

The yearlong ARRL Volunteers On the Air event continues, recognizing ARRL volunteer's support and contributions. Get on the air and make contacts with as many ARRL volunteers or members as possible. There will be week-long activations of portable W1AW/n stations in all 50 states, and in several US possessions/territories. For a schedule of W1AW/N portable operations, see the W1AW Portable Activations Schedule. Be sure to upload your logs to LoTW and check your score online. Check out the full details at <http://vota.arrl.org>.

CARA Elmering TEAMS sessions continue

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

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.

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.

**2023 CARA
Dues are now past due:**

The full membership rate is \$35.

Associate non-voting membership is \$15; only open to unlicensed individuals or licensed individuals under the age of 16.

\$50 for full memberships of families living at the same address.

CARA Dues:

Club Members renew your 2023 membership with PayPal at > [PayPal.Me/CARADUES](https://www.paypal.com/payto?email=w1qk@snet.net) **Please include your call sign when paying your dues.**

CARA dues are collected annually in January and due **no later than the end of February**, after which time membership privileges are revoked. Privileges will be reinstated after full payment of annual dues.



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:

- Apr. 14: CARA Monthly Business Meeting. In-person only at Stony Hill Fire House in Bethel.
- Apr. 14-16: Microwave Update and Eastern VHF/UHF Conference – Windsor, CT
- Apr. 15: CARA POTA operating event at Squantz Pond State Park, New Fairfield
- Apr. 15-16: CQM contest
- Apr. 18: CARA Monthly Pasta Night Dinner – Italian American club in Danbury 6:00 pm
- Apr. 18: World Amateur Radio Day**
- Apr. 18: 222 MHz. Spring Sprint
- Apr. 23: BARTG Sprint 75 RTTY contest
- Apr. 24: CT ARES Region 5 meeting
- Apr. 26: 432 MHz. Spring Sprint
- Apr. 28: CARA Monthly Planning meeting
- Apr. 12, 19, 26: CWops CWT 1300Z & 1900Z Wednesday, and 0300Z (Thursday)

May 5: May 2023 Capers input deadline to w1qk@snet.net

Worked All Connecticut Counties Award, WACC –

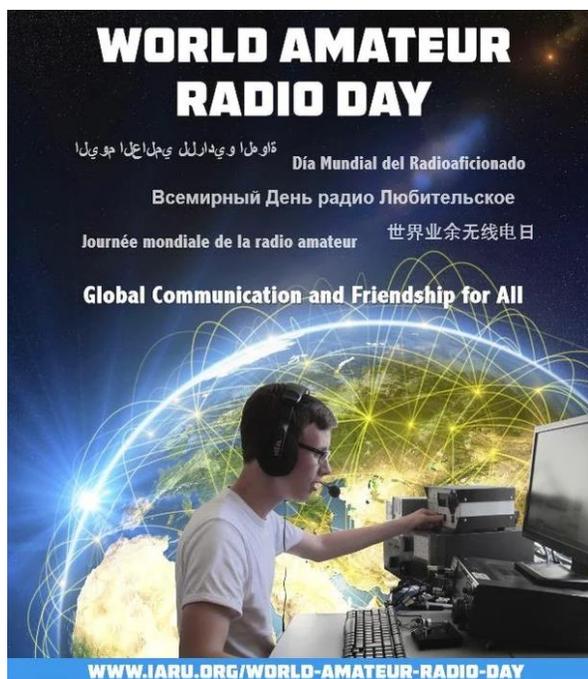
Sponsored by CARA & Administered by CARA Secretary, Gary Adams - N1GSA.
<http://www.cararadioclub.org/activities>

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.



ITU & IARU: Celebrating 150 Years of Advancing the Telecommunication Art



World Amateur Radio Day is approaching!

World Amateur Radio Day is approaching. Mark your calendar's because on **April 18th**, radio amateurs worldwide take to the airwaves in celebration of World Amateur Radio Day.

Check out the full article to find out how you can participate and promote This event!

<http://qrznow.com/world-amateur-radio-day-2/>

K5ZD YouTube interview link:



If you're hoping to participate in the upcoming CQ WPX Contest (or any contest), get some inspiration and tips from one of the best contesters in the world. Randy Thompson, K5ZD, has been contesting for 50 years and was inducted into the CQ Contest Hall of Fame in 2008. Randy recently participated in the ARRL DX SSB Contest where he is currently (and unofficially) ranked third worldwide in the Single Operator Unlimited High-Power category. He racked up over 4.4 million points while also taking care of some household errands, taking his wife out to dinner and watching some Formula 1 racing. You'll be impressed with Randy's cool, measured approach to amateur radio contesting and his focus on keeping up with the changes to the "game" with positivity. Watch my interview with Randy Thompson, K5ZD, to get a glimpse into the contester mindset.

<https://youtu.be/f27us2HVAgl>

Editor:

CARA was honored to host Randy for a TEAMS meeting presentation in November 2021.

New POTA YouTube Video released:



NARA Sister Club information:

www.NA1RA.ORG is a not for profit 501(c)3 corporation

Analog FM: New Milford 146.730 MHz /- 600 kHz – PL151.4 Hz,

Washington 441.850 MHz / +5 MHz – PL151.4 Hz ,
Woodbury 444.800 / +5 MHz. PL151.4 Hz,

Warren 53.970 MHz /-1 MHz PL 151.4 Hz; DMR FM:
CT-ARES 440.9625 +5 MHz, CC1

PO Box 354 New Milford CT 06776,
email secretary@na1ra.org

Parks on the Air participants have benefited from the program's impressive technological foundation. Their advanced infrastructure didn't happen by accident. Founding members W3AAX, N3VEM and W8TAM were instrumental in designing a reliable system. They (and others) executed their plan with zero budget and an entirely volunteer crew. Today, that vision is being expanded upon by a team of 15 volunteer software developers - the unsung heroes behind POTA's success. In this interview, Thom Martin, W8TAM, talks about the early, uncertain days of the now wildly successful program, the team that continues to improve the POTA system and his personal love of portable ham radio operation.

https://www.youtube.com/watch?v=Z2xR5YnlfGA&embeds_euri=https%3A%2F%2Fforums.grz.com%2F&feature=emb_rel_pause

Editor:

CARA's next Club POTA event will be held on Saturday, April 15 at Squantz Pond State Park from 10:00 am to 4:00 pm.

Contact John Ahle – W1JMA, CARA's POTA Coordinator for details and to reserve/share your band/mode/time operating preferences. See page 41 for CARA's POTA Procedures.

2023 Ham Exam Schedule



Goshen CT 06756-2006

EXAM SESSION

05/20/2023

Sponsor: Southern Berkshire ARC

Date: May 20 2023

Time: 9:30 AM (No Walk-ins / Register or Call ahead)

Contact: Jonathan R. Bernon

(203) 232-7863

Email: aj1u@arrl.net

VEC: ARRL/VEC

Location: Goshen Fair Grounds

116 Old Middle St Rt 63

Goshen CT 06756-2006

Upcoming 2022 Amateur radio exams:

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

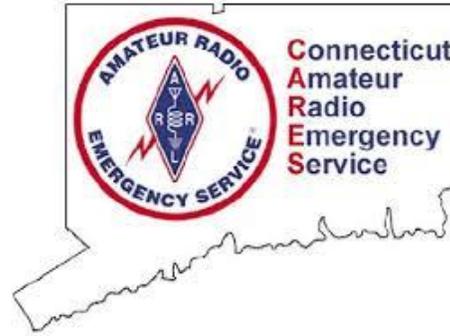


Connecticut Phone Net – CPN

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, May 3, 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*

CT ARES news:

The annual Spring ARES Statewide meeting was held at the Southington Hamfest on March 26. Hosted by Phil Crombie – K1XFC, Connecticut Section Emergency Coordinator

**SKYWARN IN-PERSON TRAINING
SESSION PRELIMINARY NOTICE-
WALLINGFORD, CT**

**SKYWARN IN-PERSON TRAINING SESSION
PRELIMINARY NOTICE- WALLINGFORD, CT**

*From: Snyder, Edward (Medical Faculty)
<edward.snyder@yale.edu>
Date: Thu, 23 Mar 2023 10:52:44 EDT*

Dear All:

*I am pleased to announce that AFTER A THREE
YEAR COVID HIATUS, THE MERIDEN
AMATEUR RADIO CLUB (WINRG) WILL BE
HOSTING AN IN-PERSON SKYWARN
TRAINING SESSION.*

THE SESSION WILL BE:

*SPONSOR: Meriden Amateur Radio Club -
WINRG - Town of Wallingford OEM
WHEN: Wednesday May 17th, 2023 - in person
WHERE: Wallingford Office of Emergency
Management/Firehouse
143 Hope Hill Wallingford, CT 06492
TIME: 7:00pm - 10:00 pm
PARKING: Next door at Moran JHS
SPEAKER: TBA - Meteorologist from NWS - OKX
from Upton, NY
FORMAT: In-person (SKYWARN SPOTTER
NUMBERS WILL BE ISSUED)
ADMISSION FEE: FREE - NO CHARGE
MASKS OPTIONAL - NOT REQUIRED (We will
follow Town Dept of Health recommendations)
CAPACITY MAXIMUM 75 (AS PER FIRE
MARSHALL)*

NWS REGISTRATION REQUIRED ON-LINE AT:

[WEATHER.GOV/NYC](https://www.weather.gov/nyc) go to SKYWARN icon
(lower left of screen) and click on Spotter
Training Schedule to sign up.

**SITE IS NOT YET UPDATED AND NOT ACTIVE
- SHOULD BE UP AND AVAILABLE BY NEXT
WEEK -- KEEP CHECKING**

*If any questions -
contact: SKYWARN@winrg.com<mailto:S
KYWARN@winrg.com>*

Must go to NWS web site to register (see above)

*Ed WIYSM
President, WINRG
Meriden Amateur Radio Club
ARRL CT Affiliated Club Coordinator
EC SKYWARN NH/Middlesex Counties
WIYSM@arrl.net*

**To:OFFICERS@WINRG.COM,alert@CT-
ares.groups.io,Announce@ct-ares.groups.io
Cc:members@winrg.com
Fri, Mar 31 at 11:22 PM
Dear All:**

*As per OKX – NWS, so far, there are 23 hams
registered for the SKYWARN in-person training
session to be held:*

**Wednesday, May 17. 7pm – 10pm
OEM/Fire Station – 143 Hope Hill Road
Wallingford, CT 06492
Free admission
Park at Moran JHS – next to building.**

**Total seats available 75 -- 52 seats left before
registration closes.**

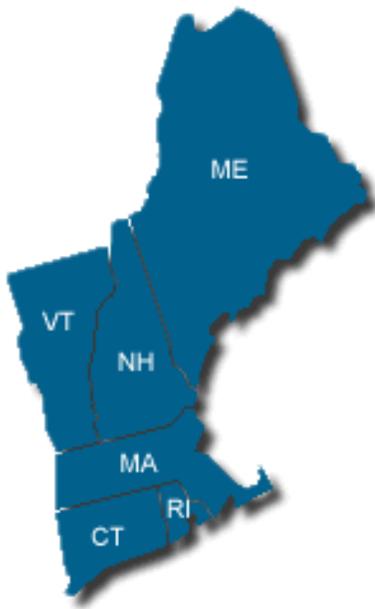
*Ed WIYSM
President, WINRG
Meriden Amateur Radio Club
ARRL CT Affiliated Club Coordinator
EC SKYWARN NH/Middlesex Counties
WIYSM@arrl.net*

**Submit CT ARES news to
CARA Capers to be included here.**



New England QSO Party

May 6-7, 2023 20 hours, 67 counties, the chase is on!



Full details at:

www.neqp.org

The NEQP is one of the many QSO Parties that is part of the QSO Party Challenge. You can learn more at <http://www.stateqsoparty.com/>

Did you know there was a New England QSO Party in the 1950s and 1960s? It was similar ... but different from today's NEQP. Take a look at the "old days"!!!

The [list of plaques to be awarded in 2023](#) is here.

What other contests are on during the same weekend?

Make some points in each of these if you have time!

7th Area QSO Party (13Z Saturday through 07Z Sunday) <http://www.7qp.org> Exchange: state/county.

ARI International DX Contest (Italian DX – 12Z Sat. – 12Z Sun.) <http://www.ari.it/en/contest-hf/ari-international.html> Exchange: RS/T, serial number.

Delaware QSO Party (17Z Saturday through 2359Z Sunday) <http://www.fsarc.org/qsoparty/qsohome.htm> Exchange: state/county

Indiana QSO Party (15Z Sat. through 0259Z Sun.) <http://www.hdxcc.org/inqp/> Exchange: RS/T, state.

Editor:

CARA has sponsored a plaque in the NEQP for many years.

“CW’s Corner”

de W1QK & WA1KRG



CW

From the CWops Reflector:

Re: Morse Code Of Love

From: [Steve - N5EP 3171](#)

Date: Fri, 07 Apr 2023 18:53:44 EDT

Found this about the Capris on

Wikipedia: https://en.wikipedia.org/wiki/The_Capris--

Steve, N5EP

Baby Come Back to Me (The Morse Code of Love)

Song by The Manhattan Transfer

Lyrics

Dit dot ditty dit dot a ditty ditty
Dit dot ditty dit dot a ditty
Dit dot ditty dit dot a ditty
Dit dot ditty, Baby come home to me
I sent my baby a telegram asking to be her man
Begging her to come back home to me (Baby
come home to me)
Oh I dotted the I's and I crossed the T's
And I'm begging pretty please
Honey honey, come back home to me (Baby
come home to me)

Dit dot..
Baby I want your love
Woo-oo
Baby I need your love
Ooo
Honey honey come back home to me (Come
back home to me)
Dit dot..
Got to have your love
Woo-oo
Can't live without your love
Woo-oo
Honey honey come back home to me (Come
back home to me)
Oh I made mistakes, yes that's the truth
But the biggest one I made with you
Honey honey, come back home to me (Baby
come home to me)
I thought that you would understand
I'm just a one woman man
Not like before so come back home to me (Baby
come home to me)
Dit dot..
Baby I want your love
Woo-oo
Baby I need your love
Ooo
Honey honey come back home to me (Come
back home to me)
Dit dot..
Got to have your love
Woo-oo
Can't live without your love
Woo-oo
Honey honey come back home to me (Come
back home to me)
Dit dot ditty dit dot a ditty ditty
Ooo, aahh (Baby come home to me)
I said
Come back come back to me
Come back come back to me
Come back baby come back to me
Come back come back to me
Come back come back to me
Come back baby come back to me
[Repeat to fade]

Source: [LyricFind](#)

[https://www.google.com/search?gs_ssp=e\[zj4tFP1zcsNM1KS0ovMDBg9FLNzS8qTIVlzk9JVchPU8jL0tVyE3My0gsKUnMUygpSswrTkstAgDYOBKZ&q=morse+code+of+love+manhattan+transfer&oq=morse+code+of+love&aqs=chrome.4.69i57j46i512j0i512l2j46i20i263i512j0i512l3.14258j0j7&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:709a1aee,vid:cbcZZzXiq54](https://www.google.com/search?gs_ssp=e[zj4tFP1zcsNM1KS0ovMDBg9FLNzS8qTIVlzk9JVchPU8jL0tVyE3My0gsKUnMUygpSswrTkstAgDYOBKZ&q=morse+code+of+love+manhattan+transfer&oq=morse+code+of+love&aqs=chrome.4.69i57j46i512j0i512l2j46i20i263i512j0i512l3.14258j0j7&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:709a1aee,vid:cbcZZzXiq54)



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 – Gregory Davis – WR1Z
WR1Z@w1qi.org

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.

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>

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

About ARRL:

Founded in 1914 by Hiram Percy Maxim, ARRL (American Radio Relay League) is the national association for Amateur Radio in the US. Today, with more than 161,000 members, ARRL is the largest organization of radio amateurs in the world. ARRL's mission is based on five pillars: Public Service, Advocacy, Education, Technology, and Membership.

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

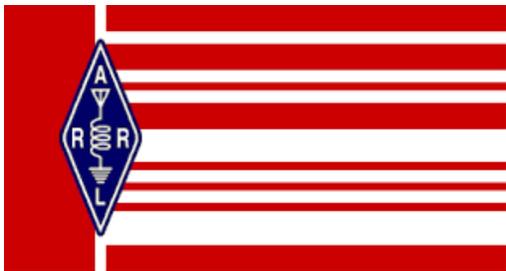
- [Join or Renew Today!](#) Eligible US-based members can elect to receive [QST](#) or [On the Air](#) magazine in print when they join ARRL or when they renew their membership. All members can access digital editions of all four ARRL magazines: [QST](#), [On the Air](#), [QEX](#), and [NCJ](#).
- Listen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

Subscribe to...

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

Free of charge to ARRL members...

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



ARRL CT Section News

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



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:

Beverage Performance over IRON CONTENT soil???

From: k1zm@aol.com

Date: Wed, 22 Feb 2023 19:55:22 EST

Greetings

I have a question for the club.

Is there any relationship between high IRON CONTENT soil and the performance of a beverage?

Is there any other reason why a properly installed 1000 ft beverage should just sound PUNK and not hear anything other than the KW EU signals?

And if soil content is a fundamental issue - would an 8-circle array perform better than these beverages?

K1XM and I both agree that we were basically hearing impaired at LZ this weekend - none of 4 long beverages did what they should - and I am very curious as to know why.

Thanks for the responses.

Pls to K1ZM@aol.com

73 JEFF

Re: Beverage Performance over IRON CONTENT soil???

From: Tony Brock-Fisher
Date: Wed, 22 Feb 2023 20:09:04 EST

YES!!

The beverage antenna relies on specific soil conductivity to diffract the incoming EM waves, which produces a horizontal component. Many receive only antennas will not work well over higher than normal soil conductivity. Some research into references like ON4UN's book might confirm this. The flag antenna has a wire near ground and works like phased verticals, so it does well over all different types of soil. I suspect an 8-circle array of verticals would also work well over a variety of soils.

-Tony

On 2/22/2023 7:55 PM, k1zm@aol.com via groups.io wrote:

Re: Beverage Performance over IRON CONTENT soil???

From: Tony Brock-Fisher
Date: Wed, 22 Feb 2023 20:11:24 EST
see:
https://en.wikipedia.org/wiki/Beverage_antenna

There's an animated figure that explains it.

Wired full size keyboard with all full-size keys.

From: Tom Wagner (N1MM)
Date: Sat, 25 Feb 2023 18:28:15 EST

I type about 50 wpm, and this is what I use. If you hunt & peck, any keyboard will do. This is a good, low cost professional keyboard. The function keys are full sized.

Perixx Periboard-106, Wired Performance Full Size Keyboard, Curve Ergonomic Keys, Black, US English Layout (11204)
<https://a.co/d/blHufJB>

Tom - N1MM

Mark, K1RX reps Momobeam

From: Mpridesti
Date: Wed, 08 Feb 2023 13:54:16 EST

Many of you already know, I have joined Momobeam of Italy to represent them in the US market.

I am headed to the HamCation event in Orlando and will be supporting our partner, Ham Radio Outlet who is now stocking many of our more popular products. I will be handling/selling/stocking the non-HRO products in NH.

Suggest you take a look at our new and improved web site. Check out the Tech&News section and of course Antennas - has my intro as well as other interesting articles.

www.Momobeam.com

Hope to a few of you in FL.

Regards,
Mark, K1RX

[TowerTalk] ChatGPT
From: Larry Banks
Date: Thu, 06 Apr 2023 15:07:38 EDT
I found this to be quite enlightening.

Larry / W1DYJ

----- Forwarded Message -----
Subject: Re: [TowerTalk] ChatGPT
Date: Thu, 6 Apr 2023 11:52:50 -0700
From: JVarney <jvarn359@gmail.com>
To: [TowerTalk]
<towertalk@contesting.com>

Here's an example where I asked ChatGPT to calculate the bending moment strength of Rohn 45 leg tubing. It's quite straightforward, a simple equation, and ChatGPT fumbles it pretty badly here:

K6OK: For a round steel tube with outside diameter 1.50 in, inside diameter 1.26 in, and a nominal yield strength of 50000 psi, what is the LRFD flexural moment design strength?

ChatGPT: To calculate the LRFD flexural moment design strength of the round steel tube, we can use the following formula:

$$M_n = F_y * Z_x$$

where:

M_n = nominal flexural strength

F_y = yield strength

Z_x = plastic section modulus

First, we need to calculate the plastic section modulus of the tube. The plastic section modulus can be calculated as:

$$Z_x = \pi/2 * (D^3 - d^3) / D$$

where:

D = outside diameter

d = inside diameter

Substituting the values given in the problem, we get:

$$Z_x = \pi/2 * (1.5^3 - 1.26^3) / 1.5$$
$$Z_x = 0.0552 \text{ in}^3$$

Next, we can substitute the plastic section modulus and the yield strength into the formula for the nominal flexural strength:

$$M_n = F_y * Z_x$$
$$M_n = 50,000 \text{ psi} * 0.0552 \text{ in}^3$$
$$M_n = 2,760 \text{ in-lbs}$$

Therefore, the LRFD flexural moment design strength of the round steel tube is 2,760 in-lbs.

=====

K6OK: I believe the correct equation is $Z = (D^3 - d^3)/6$.

ChatGPT: You are correct, I apologize for the mistake in my previous response. The correct formula for the plastic section modulus of a hollow tube is:

$$Z_x = (\pi/32) * (D^4 - d^4)$$

where D is the outside diameter and d is the inside diameter.

[snip for brevity]

Therefore, the LRFD flexural moment design strength of the round steel tube is approximately 1,505.5 in-lbs.

=====

K6OK: No, your equation for Z_x is for elastic section modulus.

Please use the plastic equation $Z_x = (D^3 - d^3)/6$.

ChatGPT: You are correct again. I apologize for the confusion caused by my previous response. The correct equation for the plastic section modulus of a hollow tube is:

$$Z_x = (D^3 - d^3) / 6$$

where D is the outside diameter and d is the inside diameter. =====

Substituting the values given in the problem, we get:

$$Z_x = (1.5^3 - 1.26^3) / 6$$
$$Z_x = 0.0246 \text{ in}^3$$

Then, we can use the formula for the nominal flexural strength:

$$M_n = F_y * Z_x$$
$$M_n = 50,000 \text{ psi} * 0.0246 \text{ in}^3$$
$$M_n = 1,229.2 \text{ in-lbs}$$

Therefore, the LRFD flexural moment design strength of the round steel tube is approximately 1,229.2 in-lbs, using the correct plastic section modulus formula.

=====

K6OK: Please check your math. For Z_x I get 0.2291 in³.

I apologize for the confusion. You are correct, the correct value of Z_x for the round steel tube is:

$$Z_x = (1/6) * (D^3 - d^3)$$
$$Z_x = (1/6) * (1.5^3 - 1.26^3)$$
$$Z_x = 0.2291 \text{ in}^3$$

Then, we can use the formula for the nominal flexural strength:

$$M_n = F_y * Z_x$$
$$M_n = 50,000 \text{ psi} * 0.2291 \text{ in}^3$$
$$M_n = 11,454.2 \text{ in-lbs}$$

Therefore, the LRFD flexural moment design strength of the round steel tube is approximately 11,454.2 in-lbs.

I apologize for any confusion caused by my earlier responses and thank you for bringing this to my attention.

K6OK: That is correct now. Thank you.

I'm sort of on the fence with this... while ChatGPT got this quite wrong and I had to correct it more than once, I do think down the road with smarter and more refined AI models we could see some very useful tools be made available to us.

73 Jim K6OK

Re: ChatGPT
From: Ron Rossi
Date: Thu, 06 Apr 2023 15:30:20 EDT

The more it gets used the less it gets questioned. At what point do we fail to recognize errors. "Pros" will recognize, but crutch-walkers like me not so much.

73 es God Bless de KK1L, Ron <><

Ham Radio Random Act of Kindness

From: Mike Visich
Date: Sat, 08 Apr 2023 12:56:22 EDT
With everything else going on in the world I thought I would share something NICE.

During the CQ WPX SSB two weeks ago I was running and made a contact with Tim K0PG. He was quite excited about making a contact with someone from RI because he would obtain a Lifetime Achievement Award from the Society of Midwestern Contesters. He wanted to make sure I uploaded to LoTW and for a minute we kibitzed about the Midwest where I had spent a decade in the 1980s & bemoaned the fate of B1G TEN basketball.

YES - Not exactly what one SHOULD be doing during a contest, but I find a few minutes of SSB chit-chat here & there adds the human element to being alone in the basement for the weekend...

Yesterday I got this in the mail from Tim
image.png



I've only been doing Ham Radio seriously since November 2019. But I have found most of the folks in ham radio to be very nice people.

Just brightened my day! :)

Happy Saturday, Mike
NG1M

Re: Ham Radio Random Act of Kindness
From: Ron Rossi

Date: Sat, 08 Apr 2023 14:04:37 EDT
Mike I 100% agree that being cheerful and willing to chat occasionally is great sportsmanship!

73 es God Bless de KK1L, Ron <><



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:

On Sat, Mar 18, 2023 at 3:09 PM Radio Station K0HB <kzerohb@gmail.com> wrote:

At a hamfest today, I noticed this Ham Radio speaker with a selector-switch position labeled "Normal" and "Voice".

The switch had been removed, but can we assume from this photo that "Voice" is not a normal mode for Ham Radio operators?



73, de Hans, KØHB
"Just a Boy and his Radio"™

Interesting book.on CW...
From: Gerry Hull

Date: Fri, 17 Mar 2023 06:08:51 EDT
The CW Way of Life: Learning, Living, and Loving
Morse Code (in a Digital World) <https://a.co/d/1RKhgiA>

This link was passed to me.

Has anyone read it? Does anyone know the author?

73,

Gerry W1VE

Re: Interesting book.on CW...
From: Jim N7US #486
Date: Fri, 17 Mar 2023 07:15:38 EDT
Just found him on QRZ.com. NW6V/7. Not a CW ops member.

Jim N7US

Re: Interesting book.on CW...
From: Tim Shoppa
Date: Fri, 17 Mar 2023 07:23:13 EDT
This is a SEAPAC presentation by the same author with the same title:
<https://seapac.org/seminars/2019/SEA-PAC2019-the-cw-way-of%20life-nw6p.pdf>

Tim N3QE: Interesting book.on CW...
From: Doug KR2Q (438)
Date: Fri, 17 Mar 2023 07:28:43 EDT

This book is being hawked all over the place. On just about every "Group io" to which I subscribe, I see this book splashed all over the place. Really?

Anyhow, at least he is actually on the air with CW....not like some.

de Doug KR2Q

Re: Interesting book.on CW...
From: Chris, G5VZ
Date: Fri, 17 Mar 2023 07:51:31 EDT
On 17/03/2023 11:28, Doug KR2Q (438) wrote:

... Anyhow, at least he is actually on the air with CW....not like some.
I have had the book since last Tuesday and have started reading it. It brings together a lot of what we probably already should know, along with some interesting stories, and some very good ideas.

It's very much a book for the enthusiast, written by an enthusiast. And it is readable.
I'd recommend it, for sure - though I'm less than halfway through as yet!

73, Chris CWops 2877



Re: Interesting book.on CW...
From: FRED BELGHAUS
Date: Fri, 17 Mar 2023 08:43:50 EDT

Thanks for the info on this book. LinkedIn says he lives "near Winnipeg," but I couldn't find a VE4 call matching his name.

His QRZ page is most interesting, especially if you scroll down a bit to his report of a mysterious signal on 7033 that was caused by a rig malfunction and later identified. Below that, he proposes a solution to errant signals (DQRM, for instance). It involves a "drone swarm" that together could locate these signals. Fascinating idea, but I'd suppose the FAA would want to know about that, first.

Anyway, I'm putting his book on my list to "read someday."

No, he's not a CWO member...yet. Only FOC and Bug group, and FOC is our granddaddy CW club.

73, Fred W2AAB CWO 1449 ex-FOC 1355

Re: Interesting book.on CW...
From: Harve H
Date: Fri, 17 Mar 2023 09:46:21 EDT
Looks interesting. I have a huge stack of unread book that I am working through. It doesn't help that some of them are over 600 pages. I will add it to next year's Christmas list!

73, Harve / KB3FW

Re: Some ChatGPT Doggerel
From: Gerry Hull
Date: Thu, 16 Mar 2023 14:35:30 EDT

ChatGPT is only as smart as the inputs it is given. I asked it to write a Shakespearean sonnet with a few more inputs:
Not perfect, but closer...

When airwaves sing with Morse code's rhythmic beat, And nimble fingers dance upon the key, The contest starts, with hearts all set to meet The challenge of this fast-paced rivalry.

The hour is short, each moment fraught with stress, As operators race to send their call, Their fingers flying with such deftness, To prove their skill and win the coveted haul.

Names are exchanged, in code they swiftly fly, As judges listen for each perfect sound, And every operator strains to vie, With hopes of victory in this contest round.

The pace is high, the tension running strong, For just one hour, they battle to belong.

73, Gerry W1VE

Re: Some ChatGPT Doggerel
From: Gerry Hull
Date: Thu, 16 Mar 2023 14:36:17 EDT
Of course, this was about CWT...
Gerry W1VE

Re: Some ChatGPT Doggerel
From: George Allison - K1IG
Date: Thu, 16 Mar 2023 15:34:59 EDT
ChatCPT also has advice about running vs. search and pounce:

**With one-hour tests, I'm oft perplexed,
For choice of strategies do I vex;
To run on single frequency, or search
And pounce, and hope for luck to flex?**

**My brain doth wrestle with this choice,
Though one will leave me no rejoice;
Both bring their own unique rewards,
But neither choice can I discard.**

**For both options have their charm,
Each one a danger and an arm;
The single frequency a steady pace,
And search and pounce a thrilling race.**

**But when I play this game of skill,
Whichever option I may will;**

**The challenge will be sure to test,
For both are quite the great contest.**

George K1IG

Russian DX Contest - 2023
From: Mpridesti
Date: Thu, 16 Mar 2023 15:15:05 EDT
Begin forwarded message:

From: Mpridesti <mpridesti@yahoo.com>
Date: March 16, 2023 at 2:54:17 PM EDT
To: info@rdxc.org
Subject: Re: Russian DX Contest - 2023

When Russian aggression against Ukraine stops, I will reconsider participating in this event. I am encouraging others to do the same.

The Show does not go on....

Regards,
Mark, K1RX

On Mar 16, 2023, at 2:34 PM, info@rdxc.org wrote:

Dear Mark!

Russian DX Contest Committee would like to invite you to participate in the RDXC'2023 on 18-19 March (12-12 UTC) - upcoming weekend.

This is one of the biggest contest operating event of the year with usually over 4000 stations on the air on both CW and SSB. For somebody, it's just a competitive event, for others it's a chance to make a QSO with old friends. And for others yet, it is their only contest experience of the year and an opportunity to be seen and heard and, of course, to have fun.

IMPORTANT NEW FEATURE: Self-spotting is permitted!

Please visit RDXC official web-site: <https://rdxc.org>

The success of this contest depends on the participation of DX stations like you, whether you are a veteran contester or just enjoy making casual contacts and giving other stations an opportunity to work DX.

It doesn't matter how much time you can spend and how many QSOs you can make, we would like to see you in our logs!

We have a LOT of plaques issued by our sponsors for this year contest.

Please click the link to check the details:
<https://rdxc.org>

We hope this contest will be extremely interesting and exciting for you and we're looking forward to see you in RDXC 2023.

SHOW MUST GO ON!

Best regards, RDXC Committee.

Re: Russian DX Contest - 2023
From: Gerry Hull
Date: Thu, 16 Mar 2023 15:20:21 EDT
Bravo Mark!

Agreed 100%
73, Gerry W1VE

Re: Russian DX Contest - 2023
From: W1GD
Date: Thu, 16 Mar 2023 20:24:04 EDT
I second that Mark. I don't plan on playing either.
Gerry, W1GD

Re: Russian DX Contest - 2023
From: Dave Sumner
Date: Thu, 16 Mar 2023 20:28:00 EDT
In 2021 I won the RDXC North America CW plaque. I skipped it last year and will skip it again this year. Same with CQ-M.
Dave K1ZZ

Re: Russian DX Contest - 2023
From: Jack Schuster
Date: Thu, 16 Mar 2023 21:00:43 EDT
I'm with you Mark. 73 JACK

Re: Russian DX Contest - 2023
From: Mike Loukides
Date: Thu, 16 Mar 2023 21:26:15 EDT
Me too.

Mike Loukides W1JQ



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/>

Setup User Defined Contests (UDC)

The User Defined Contests listed below have been developed by users of N1MM Logger+, and should work as described although they are not officially supported by N1MM Logger+. There are probably additional details within the .UDC file regarding contest setup and exchange. Use a text editor to examine the file after downloading from the >Files >User Defined Contests gallery. Be advised that there are known scoring anomalies with some of the UDC contests.

Installation Instructions for a User Defined Contest (UDC)

User Defined Contests are not distributed with the program installer, either Full or Latest Update

A list of available User Defined Contests is located on the Supported Contests List page (enter udc in the search window).

The UDC files themselves are found on the N1MM Logger+ website, located under >Downloads >Category Listing >User Defined Contests

To enable a UDC contest and select it in the contest configuration dialog window

Locate the desired UDC file on the website in >Downloads >Category Listing >User Defined Contests page (Note: for some UDCs, the file is a Zip archive file that contains the UDC and other files)

Download the .UDC or .zip file to your computer's hard drive in the UserDefinedContests directory in the N1MM Logger+ user files area, at Documents/N1MM Logger+/UserDefinedContests. If the file is a

zip file, open it from Windows File Explorer and extract all of the files it contains directly into the UserDefinedContests directory (not into a subdirectory, as Windows may offer to do); after you do this, the UDC file should be visible in the contents of the directory. If there is a readme file, read it and follow the instructions there (for example, it may tell you to move a .sec file to your SupportFiles directory)

Restart N1MM Logger+

Within N1MM Logger+, select >File >New Log in Database.

Find and choose the UDC contest name you downloaded (without the .UDC file suffix). It will be included in alphabetic order among the list of all other supported contest names. NOTE: if you do not see the contest in that list, use a text editor (Notepad) to open the UDC file. Find the "Name =" statement (around line 10 of the file) which defines the actual contest name. In some instances the Name= statement may not match the Windows .UDC file name.

If the contest files include a companion section list (.sec) file, you need to move/copy the .sec to your computer's Documents\N1MM Logger+\SupportFiles folder. Then, launch N1MM+ and the >File >Open Log in Database contest dialog window will display the "Import Section List" button. Click on that button to import the section list for this particular

contest.mmfiles/categories/userdefinedcontests/A list of available User Defined Contests is located on the Supported Contests List page (enter udc in the search window).

--

Rich K1DJ7:04am #76714

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



If you didn't find that computer gift under the Christmas tree, perhaps you could check here:

www.ctcomputershows.com



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Here's a couple standard
configurations.



Looking for a specific a
assembly? Check out our
configurators to match the right
cable for your application.

Editor-

*There is no financial connection between
ctcomputershows website, ABR Industries,
and CARA nor CARA Capers.*



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 Members] WSJT-X old versions
att.net/Inbox

Vincent Tompkins via CARA <cara@cararadioclub.org>Unsubscribe

To:Cara@cararadioclub.org

Tue, Jan 31 at 5:39 PM

<https://sourceforge.net/projects/wsjt/files/>

[CARA Members] **WSJT-X v2.6.1**

att.net/Inbox

Vincent Tompkins via CARA <cara@cararadioclub.org>Unsubscribe

To:Cara@cararadioclub.org

Tue, Jan 31 at 4:25 PM

Has anybody tried it yet?

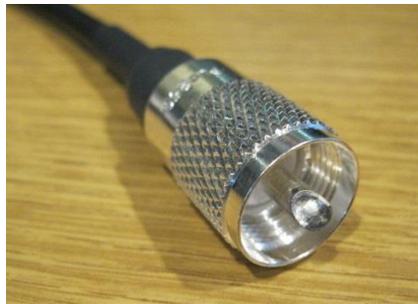
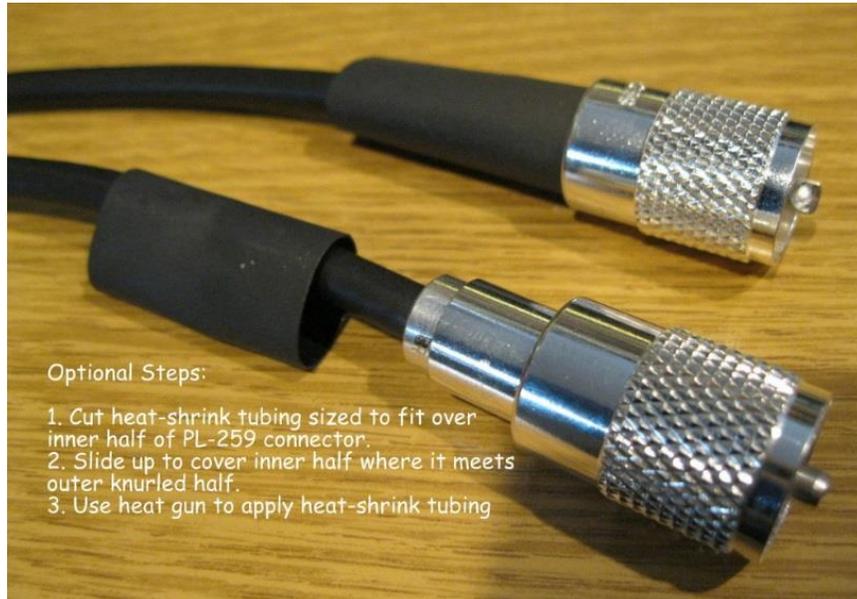
What do you think of the changes?

Vin n2ohh

Reprise from March Capers:

Technique to solder PL-259 connectors onto RG8/X coaxial cable using a UG-176 reducer/adaptor.

de W1QK



Use 5/8" diameter heat shrink tubing for this step. Install the tubing over the prepared UG-175 reducer/adaptor before assembling both halves of the PL-259, as the tubing won't fit over the final assembled connector later.

Microwave Update 2023 (postponed from 2020, 2021, and 2022)
Hilton Garden Inn at Bradley Airport Windsor, Connecticut
Plus 46th Eastern VHF/UHF Conference

April 14-15, 2023

Microwave Update (MUD) is an international conference dedicated to microwave equipment design, construction, and operation.

It is focused on, but not limited to, amateur radio on the microwave bands.

<http://www.microwaveupdate.org/index.php>

Update 19 February 2023

Welcome!

The North East Weak Signal Group would like to invite you to the annual Microwave Update Conference to be held April 14 and 15, 2023 (with additional activities April 13th and 16th at the Hilton Garden Inn at Bradley Airport, Windsor, CT

Microwave Update is the premier microwave conference of the year and was initially started by Don Hilliard W0PW (sk) back in 1985. This is the ideal conference to meet fellow microwave enthusiasts and share ideas and techniques that will help you conquer your next microwave band.

Topics will include small dish EME, microwave propagation, parabolic dish feedhorn design and construction, SSPAs, circuit design, latest microwave devices, software defined radios, digital modes just to name a few.

Topics for the Eastern VHF/UHF Conference sessions will include antennas, propagation, EME, roving, SDRs, SSPAs, circuit design, digital modes, and activity nights.

Banquet Speaker will be Chip Cohen, W1YW talking about the *RF Invisibility Cloak*

Activities - see Schedule for details

Thursday morning, there will be a tour of ARRL Headquarters

Thursday afternoon, a tour of the New England Air Museum in Windsor Locks, CT

Thursday evening will have an informal social gathering (BYOB due to hotel rules).

Friday evening will have an indoor SWAP meet and informal social gathering (BYOB due to hotel rules).

Of course, there will be the traditional Saturday night banquet.

On Sunday morning at the Vintage Radio Museum, Windsor, CT, there will be a tailgate swap meet. The museum will have reduced price admission.

There will be a **SUPER** Test Equipment Lab and noise figure testing available during the conference and a Vendor area.

Plus AUCTIONS of good stuff after Lunch each day

We plan to have an informal program for family on both Friday and Saturday.

Prize and Auction contributions welcome!

Getting here

Airplane - Bradley International Airport. Free shuttle to hotel.

Train - Amtrak from NY and south or Boston Windsor Locks Station via New Haven
- Hartford Line from New Haven
- Bus #24 or Lyft from Windsor Locks Station to Airport, Free shuttle to hotel.

Hope to see you soon once again!

73

Mark Casey K1MAP Conference Co Chairman

Paul Wade W1GHZ Conference Co Chairman

The hotel is ready to take reservations. Please book your hotel early, so we can make sure rooms are available for everyone. Late booking has been an issue at past MUDs, and we would like to have everyone at the same hotel. It's more fun for all. See the Hotel section for reservation information.

New Book about Morse Code on Amazon

Discussion in '[Amateur Radio News](#)' started by [NW6V](#), [Wednesday at 1:47 PM](#).
[Watch Thread](#)

Page 1 of 212 [Next >](#) [Go to First Unread](#)



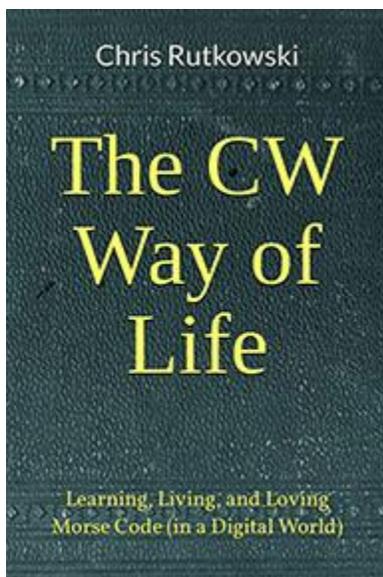
1.

[NW6V](#) Premium Subscriber [QRZ Page](#)

New

The first entirely new book on CW in decades, The CW Way of Life, is now available on Amazon in paperback and kindle versions.

https://www.amazon.com/CW-Way-Life-.../ref=tmm_pap_swatch_0?encoding=UTF8&qid=&sr=



Announced on just March 7th, only two weeks later, CWOL is already getting rave reviews on Morse code-oriented sites:

- "A modern-day seminal work on CW."
- "My only regret is that I didn't have this book when I started learning Morse code."
- "Congratulations on a great and inspiring book."
- "If you like to understand WHY then this book is worth the price..."
- " It should be "recommended reading" for all newcomers to morse code."

CWOL's unique curriculum combines techniques dating back to the time of Morse with modern training principles to create a learning system like no other. The most important

component is you! No computer is needed!

Subjects covered include:

- How your brain turns sensations into thoughts.
- Morse's true rhythmic nature - harmonics - not ratios!
- How to ride the "dit train" to fluid keying.
- The lost technologies of code talking and speed-keying.
- The true cause and prevention of Glass Arm.
- How to read and write Morse like music - on paper."

CWOL is an enlightening read for ANY ham.

73 Chris NW6V

W1YW said: ↑

CW as a philosophical enterprise?

I would be interested to see an MRI of brain activity during high speed CW..

Chris should have had his callsign on the book cover...MO.

W7ASA said: ↑

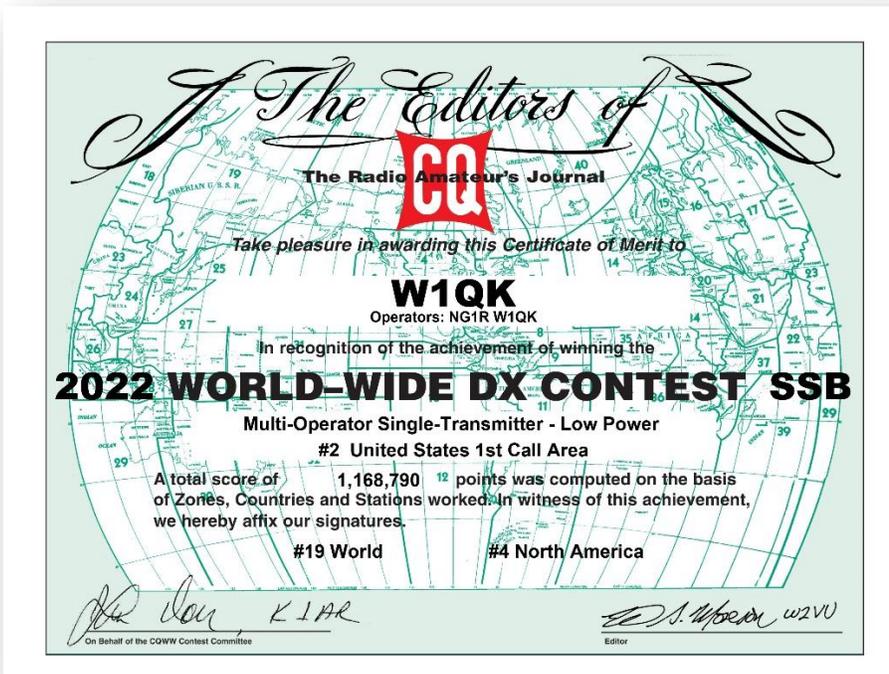
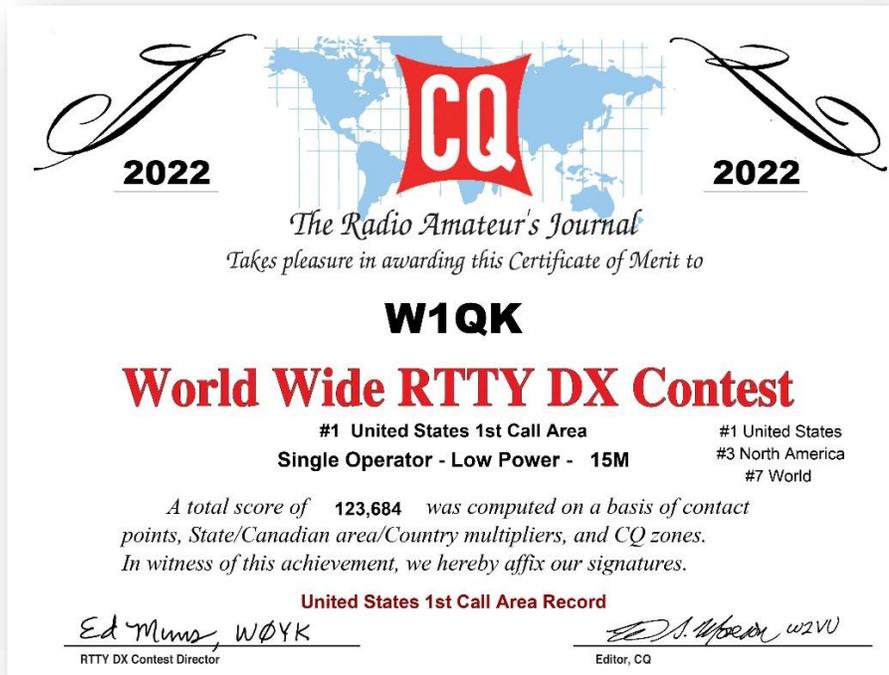
Thanks for the heads-up. I'll be downloading in for the Kindle. I wonder whether it can be had in audio format - IN MORSE ?! ;-)

Sure you can. First, convert your kindle file to plain text. Then use KY8D's perl script called GUS_MORSE to generate .wav or .mp3 files from the text file which you can listen to on an mp3 player.

https://starling.us/free/morse/gus_morse.txt

de W1QK & NG1R:

Recent CQ Contest operating certificates received for Single Op and Multi-op contests with Roger, NG1R:



ANTENNA LAUNCHERS



What is an Antenna Launcher?

An Antenna Launcher is designed and optimized to launch lines for placing antenna support lines and other applications. Compressed air or CO₂ is used to propel a safe projectile towing a lightweight line over or across an obstacle like a tree, brush, structure, tank, aqueduct or expanse of water and this light line is then used to pull across heavier lines to eventually support antennas, safety lines, etc. These are used not only for antenna work but also for roof work, tree canopy work and electrical work to get a line into places that may be difficult otherwise.

I designed these Pneumatic Launchers and named them “**Antenna Launchers**” as it was the best description I could find for their function. Others have since used the term for other types of devices, but this is the home of the **Original Antenna Launchers**. (Alan, wb6akb)

If you want to learn more about the development of **Antenna Launching** and **Pneumatic Antenna Launchers**, please visit our [Antenna Launching](#) pages. If you are interested in our available Launchers, read on.

Source: <https://www.akbeng.com/products/antenna-launchers/>

W1QK proposed that CARA purchase the CSV-19 model kit and he and Harlan – W1QH assembled it as a CARA asset to be used for Field Day and other portable operating events to install ropes over trees. It’s available to CARA members for home station antenna launching projects. Contact W1QK for further details.

Paulo's - KC1RTX version of the Pneumatic Antenna Launcher:

Dan Fegley <w1qk@snet.net> wrote:

How's the antenna launcher project coming along?

On Friday, February 24, 2023 at 10:52:48 AM EST, Paulo Silva <psilva10@ymail.com> wrote:

Hi Dan,

I've built an antenna launcher and I used a 2" PVC pipe as a barrel but I can't fit a tennis ball on it, so my question is: what is diameter of pipe you used, or is there a smaller tennis ball I need to get ?

Thanks - 73
Paulo KC1RTX

Subject: Re: Antenna Launcher

The barrel uses schedule 40 PVC pipe.

<http://www.antennalaunchers.com/antlaunching.html>

The [CSV19 Compact Low Cost Sprinkler Valve Antenna Launcher](#) is assembled from plumbing parts most of which are available from local plumbing or home improvement stores for under \$100. Some machining is required to make them fit together as shown above. The dark grey barrel is SDR21. Schedule 40 also works, but the ball is very tight. SDR21 fits better but is harder to find. This is the lowest cost simple to construct launcher I have designed (the CSV17 variant is a little easier and even less costly). The link above has fairly complete construction instructions. The collection shown above is shown complete with Saunders Zip Reel with yellow Spectra type synthetic line, and a couple of prepared Tennis Balls sitting on a Rubbermaid 10 gallon tote. The gear fits into the tote with room to spare.

The Saunders Zip Reels are no longer being manufactured. I bought the last spare from an E-Bay source.

From what I know, tennis balls only come in one size.

I've found some used abandoned tennis balls near the courts at Cadigan (Brookfield) park and those that aren't so "fuzzy" seem to fit just fine. YMMV.

73, W1QK



Thu, Apr 6 at 7:25 PM

Hi Dan,

Here is my version of the antenna launcher.

It works very well, better than I expected.

I can shoot a tennis ball 150 ft up straight with 45 PSI.

I am still learning how to angle it properly to get only one tree. When I tried to shoot over a 60 ft tall tree, I got it over 3 trees in a row.

By the way - I didn't use ABS pipe, I've painted it black to cover the ugly purple PVC primer

On Friday, April 7, 2023 at 10:02:14 AM EDT, Dan Fegley <w1qk@snet.net> wrote:

Excellent job Paulo !

Looks like the Black Fantom Bazuka - Model BFB.

Maybe a few more .jpg including close-up pix and a description with parts list/sources of your project - welcomed in the April CARA Capers? Pse submit before Monday, April 10.

Looks like you used several sizes of PVC to make the joints fit.

I've found that using various amounts of sand in the tennis balls and adjusting the air pressure usually provides the desired results.

Some balls have between 3.5 and 4 oz. of sand, and usually only need between 35 - 40 psi for most shots.

Pse plan to bring it to the April 14 meeting and the April 15 POTA event at Squantz Pond - I'd like to see it in operation then.

Tnx - 73, W1QK

Hi Dan,
Here are some more and better pictures of the launcher.

The reason I've used several sizes of fittings is because I wanted to use the material I already had on hand. If I would buy everything new; I probably would have used less.

In terms of piping and fittings, the only thing I've bought was the 2.5-inch schedule 40 PCV conduit pipe. I had to buy the whole thing and it cost almost \$60 at Lowe's. The sprinkler valve I got from Amazon for around \$30, the air gun, I got from Harbor Freight for about \$5.00, and the fishing heel, I bought on Walmart for about \$20.00, I was skeptical about the fishing reel, but it works very well. It comes with 20-pound test line, and it is strong enough.

I have abused it, and I even broke the safety pin that holds the ball on the line but never broke the line. I experimented with stronger line like 50 pounds, but it didn't work well, the thicker line tends to kink a lot when retrieving.

Also, if I would build it again, I wouldn't bother painting it, because for some reason - the paint comes off the PVC pipe easily, even though I sanded and primed before painting. I would probably just sand it to clean off the PVC primer.

73, Paulo - KC1RTX

Thank you for the additional details and pix, which I'll include in the April Capers.

Sounds like the Walmart fishing reel and line is quite adequate.
How much sand did you put inside your tennis ball projectiles? How much do they weigh?
Did you lower the psi to ensure the line goes over only the top of the desired tree?

Stand closer to the tree trunk to increase the launch angle. It's OK to aim to just touch the highest branches - since even a mild breeze will blow the fishing line to the side off the target.

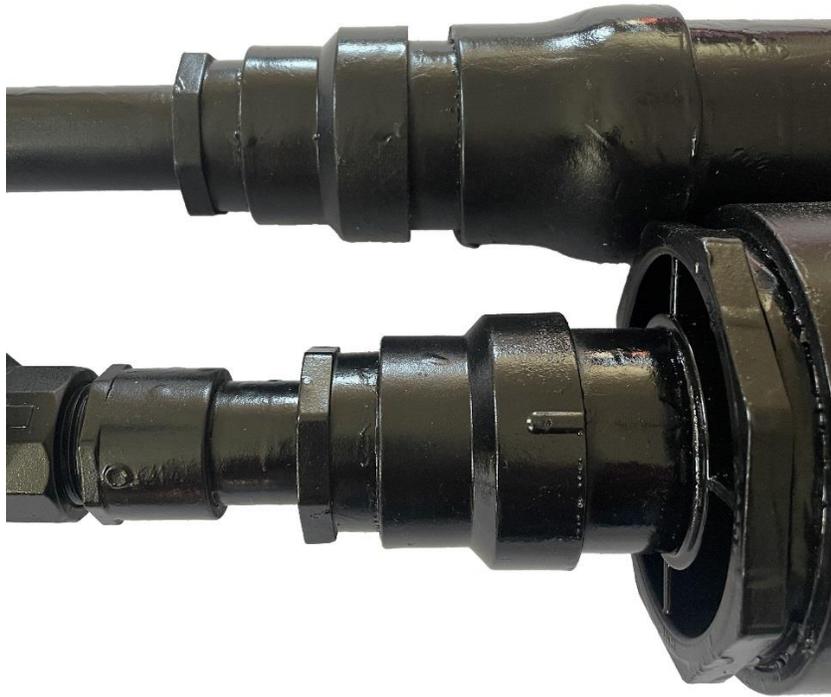
Here's the details on the Slime 12V DC digital air compressor that I use:
https://www.amazon.com/Slime-40051-Digital-Tire-Inflator-dp-B074XHFN6Y/dp/B074XHFN6Y/ref=dp_ob_title_auto?th=1

Maybe some practice shots at Squantz Pond on the 15th with some of my tennis balls?
You fabricated a FB antenna launcher for much less than the kit of parts cost.

73,
Dan - W1QK

I put 4.2 oz of sand
The original weight of the ball was 1.6 oz.
Now the total weight is 5.8 oz







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

August 2022 CARA Standing Committees

Repeater	Chair: Greg Davis, WR1Z John Morelli, W1JGM Marcus Swearingen, AB1WV Charles Setaro, KC1IBR Dan Fegley, W1QK
Sunday CARA Net	Chair: David Teagarden, KB1ZAC Charles Setaro, KC1IBR John Kerwick, KD2VUP
Website	John Ahle, W1JMA Roger Mitchell, NG1R Stephanie Fuda
Hamfest	Co-Chairs: John Morelli, W1JGM & John Ahle, W1JMA Marcus Swearingen, AB1WV Bud Kozloff, W1NSK
Membership	Chair: John Morelli, W1JGM
Programs	Bud Kozloff, W1NSK Marcus Swearingen, AB1WV
CARA Capers	Editor: Dan Fegley, W1QK
Social Media	Asuna Gilfoyle, W2FUR
Youth	Keith Iwanicki, W1KRI
Development	Open
Events	Open

Submitted to Capers – December 2022 by W1NSK

CARA Proposed Calender of Events - 2023

January	7th	Ham University, Ball Pond Firehouse (Virtual), New Fairfield, CT 9-3 PM
	13th	Monthly CARA Meeting, Stony Hill Firehouse, Bethel, CT 7:30PM
	17	Spaghetti Dinner. Vespucci Lodge, Danbury, CT 6PM
	23	Planning Meeting, Stony Hill Fire House, Bethel, CT 7:30PM
	28/29	Winter Field Day. Ball Pond Fire House. New Fairfield, CT
February	10	Monthly CARA Meeting. Stony Hill Firehouse, Bethel, CT 7:30PM
	?	Learn CW Class: TBD
	21	Spaghetti Dinner. Vespucci Lodge, Danbury, CT 6PM
	?	Skeleton Sleeve Antenna Build: TBD
	23	Planning Meeting. Stony Hill Firehouse. Bethel, CT
March	10	Monthly CARA Meeting. Stony Hill Firehouse. Bethel, CT 7:30PM
	?	Field Day Planning Meeting: TBD
	?	Technician Class: TBD
	21	Spaghetti Dinner. Villa Vespucci Lodge. Danbury, CT. 6PM
	24	Planning Meeting. Stony Hill Fire House. Bethel, CT 7:30PM
April	14	CARA Monthly Meeting. Stony Hill Firehouse. Bethel, CT 7:30 PM
	?	Field Day Planning Mtg. TBD
	?	Ham Fest Planning Mtg. TBD
	18	Spaghetti Dinner. Villa Vespucci Lodge. Danbury, CT. 6PM
	28	Planning Mtg. Stony Hill Firehouse. Bethel, CT 7:30PM
May	7	NEQP CARA W1AW Operation. ARRL HQ. Newington, CT
	12	Monthly CARA Mtg. Stony Hill Firehouse. Bethel, CT
	16	Spagetti Dinner. Villa Vespucci Lodge. Danbury, CT
	?	Field Day Planning Meeting TBD
	?	Ham Fest Planning Meeting TBD
	26	Planning Mtg. Stony Hill Fire House. Bethel, CT
June	9	CARA Monthly Mtg. Stony Hill Fire House. Bethel, CT 7:30 PM
	?	Field Day Planning Mtg. TBD
	?	Ham fest Planning Mtg. TBD
	20th	Spagetti Dinner. Villa Vespucci Lodge. Danbury, CT
	23-24	ARRL Field Day TBD.
	30	Planning Comm. Mtg. Stony Hill FireHouse. Bethel, CT 7:30PM

Submitted to Capers – December 2022 by W1NSK