



Capers



February - 2024

The Monthly Newsletter of The Candlewood Amateur Radio Association
Mailing Address: 120 Fire Hill Road Ridgefield CT 06877.
Visit us on the Web at <http://www.cararadioclub.org>

Editor: Dan Fegley – W1QK

This in-person meeting will be conducted on Friday, February 9 at the Stony Hill Fire House on Stony Hill Rd. in Bethel (Rte. 6). Doors open at 7:00 pm, gavel at 7:30 pm.



CARA Winter Field Day – Ball Pond Vol. Fire Dept. - Jan. 27-28, 2024

Photo: KC1QVE

Review of CARA Winter Field Day: Jan. 27-28

Photos and score details begin on page 29.

This month's meeting:
Parks On The Air – POTA Show & Tell night

CARA Monthly Meeting Agenda

February 9, 2024

Meeting call to order.

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

Secretary Report:

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

Treasurers Report:

- Acceptance as Published in CAPERS
- Financial updates as necessary

Committee Reports

- Repeater Committee Reports: Steve - W1SMS
- Website, Reflector, IT Committee: Stephanie Fuda
- Operating Activities
 - Field Day
 - POTA April 20th Squantz Pond
 - Club Station on the Air 2/10/24 1-3pm
- Fund Raising Committee
 - Hamfest?
- Membership Committee
 - Dues due in January # of paid members thus far

Old Business

- Winter FD wrap up 1/27-28
- Technician Course status: John - W1JGM
- Danbury Innovation Center status: Steve - W1SMS
- Status of Special Service Club Designation: Bud - W1NSK

New Business

- POTA Night show and tell February In-Person Meeting
- Vintage Radio & Communications Museum tour: Saturday Feb 24th or Private Tour? - Bud W1NSK
 - \$10 per person admission fee under 60
 - \$7 per person admission fee over 60

- Introduction to RTTY program - March 8th Meeting: Dan - W1QK
- Motion to donate \$25 to POTA Association: John - W1JMA

Announcements

- Pasta night Tuesday, Feb. 20: Italian American Club, Danbury 6:00 pm

Good of the Order

Adjournment and Next Meeting

- Planning meeting Friday 2/23
- March meeting 3/8



President's Message

de W1NSK

Winter Field Day was a huge success! Thank You to all who pitched in to help. A special Thank You to Suzie for helping insure we were all spectacularly well fed! Operations at the New Pond Fire House in New Fairfield from Noon Saturday January 27 until Noon on Sunday January 28th went off without a hitch. We had several prospective members as well as interested non hams come by to learn more about the hobby as well as CARA. This is what it's all about!

A reminder to all, Dues for 2024 are now due. Many have already paid. Please take a moment and do this. A new membership form is available

to be sent to John, w1jma updating our records of member contact information.

The weekend of February 10th from 1-3 is our club station on the air Day. Come operate a full Ham Shack with all the Bells and Whistles. Learn a new Band, Mode or just get on the air and work some DX! See Steve, W1SMS or John W1JMA for details.

8:00 PM Sunday nights after our weekly club 2-meter net is our Elmer Net. Bring those questions you always wanted to ask or listen in and learn something new. Primarily for new Hams, Technicians and those wanting to have a question answered. Nothing is too basic to ask! The focus is getting on the antenna, setup, operating techniques, and the like. Join Us.

Pasta Night will be held again for our club on February 20th, 6PM, at Villa Vespucci Club in Danbury. Come hungry as its \$12 plus beverage for dinner. Family, Friends, and perspective members always welcome.

The Club will also be going to the Vintage Radio and Communications Museum of Connecticut in Windsor on the morning of February 24th. Carpooling information will be available soon. Let me know of your interest.

If anyone has an idea that they would like to present, or suggestions of what and who to present to the Club at a meeting, get in touch and let's talk about it! Digital Modes, CW, EME and Satellites are all of interest! A RTTY seminar will be held in March at our regular meeting.

Bud – W1NSK
CARA President



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



CARA is an ARRL-Designated Special Service Club

Vice-President's Message:

de W1JGM



January's now in the rear-view mirror. Our 2024 Winter Field Day event was a great way to start the year off with yet another successful CARA event. I'd like to thank those CARA members who assisted, operated in the contest, helped with set up - and the equally important clean up as well as processing and submitting our entry to the Winter Field Day Association, who sponsored the contest.

Susie – KC1QVE, provided a bountiful Thanksgiving-like dinner. Her efforts to keep us well-nourished are again very much appreciated.

WFD pictures with scoring details are included in this month's Capers, which will be reviewed at our February monthly meeting. It was evident to me that those who operated were pleased with the station's performance and capabilities. It was equally enjoyable to see some CARA "regulars" and meet some new friends too.

This is an appropriate time to thank and acknowledge the leadership and members of the Ball Pond Volunteer Fire Department in New Fairfield for extending their invitation and hospitality for CARA to hold our Winter Field Day event at their venue.

CARA is planning to sponsor a Technician-Level License class during February/March. There's 10 people interested in taking the course. I'm working with several other CARA members to organize the

schedule, curriculum, session teaching assignments, and other details, and will have more information to share at the meeting.

As all should be aware, your 2024 CARA annual dues are now due. The deadline is the end of February according to our Policies & Procedures. Please submit payment by bringing a check to the meeting, by mail, or by PayPal. Dues payment details are included on the last pages of this month's Capers. Your dues payment supports the club's budgeted expenses, our repeaters, as well as other expenses. Your dues payment will ensure your continued use of the new CARA Groups IO reflector and ensure your electronic delivery of the CARA Capers Monthly Newsletter as well.

All are cordially invited to join CARA's weekly Sunday radio nets. The 10 Meter net begins at 7:00 PM on 28.490 USB. The Weekly CARA 2-Meter Net begins at 7:30 pm on the 2-meter CARA repeater: 147.300 MHz., PL 100, +600 offset.

Remember – the CT ARES Statewide net is held on the KB1AEV/NARA/CARA Linked Repeater system at 8:00 PM on CARA's 447.775 MHz. repeater, -5000 offset, and of PL 151.4

Make plans to attend this month's CARA Business Meeting on Friday February 9 at the Stony Hill Fire Dept. on Stony Hill Road in Bethel. Doors open at 7:00 pm for conversation and socializing. Gavel promptly at 7:30 pm - as we have a full agenda.

This month's focus will be on Parks On The Air – POTA. Members and guests are invited to bring their POTA station equipment for a Show and Tell event.

73,

John Morelli - W1JGM
CARA Vice-President

January12 Monthly Business Meeting Minutes

de CARA Secretary/Treasurer, John Ahle - W1JMA



CARA Monthly Meeting
January 12, 2024 - Via Teams

The meeting was called to order at 7:40 by John - W1JGM, CARA VP. Bud -W1NSK, CARA President, arrived after the pledge of allegiance was said and presided over the remainder of the meeting.

The pledge of allegiance was completed.

19 members participated in the meeting and there were 2 guests, Christina KC1RDS and Sarah, who is unlicensed.

The minutes of the December meeting as presented in CAPERS were Accepted.

The Treasurer's report for the 6 months ending December 31 as published in CAPERS was accepted.

CARA Treasury Report January 31, 2024

Income: Full Member Dues 2024 \$1345
Income: Associate Member Dues 2024 \$20
Total Income: \$1365

Expense: Donation-WA7BNM Website
\$25

Expense: Insurance-Equipment
 \$105
Expense: PayPal Fees \$7.80
Total Expense: \$137.80

Net Income for Period \$1227.20

Cash: Checking \$7864
Cash: Petty \$50
Investment: IBond \$7343

Unrestricted CASH Balance: \$15257

Number of full members: 39

Associate members: 1

Committee Reports:

Repeater:

Steve reported the 2m and 440 repeaters are functioning. Steve is still working with the city regarding the repeater site. Nothing new to report. Steve hopes to get the 220-repeater operational from his qth by this summer.

Website/Reflector, IT:

Stephanie reported that she is working on the new website and hopes to have it live by the end of February. She does need some help from John W1JMA. Time to work on this will be scheduled.

Operating Activities:

- The club station on the air is scheduled for Saturday 1/13 at W1SMS and W1JMA. Several members have signed up for this event. There will be a Microsoft TEAMS link between both stations should anyone want to watch.
- The March 8th meeting will be presentation on RTTY by Dan - W1QK.

Fund raising committee:

Bud mentioned he will be going to a ham radio auction held by a CT club and report the results of this endeavor so as to see if an auction might be a source of funding for CARA's future needs.

Membership committee:

Thus far, we have 31 full and 1 associate member paying their dues for 2024. The 2024 budget assumed 50 full members.

Old Business:

The vote to retain the pledge of allegiance, motioned at the December meeting, and voted by the membership during the month of December, was passed; 15 in favor and 6 against.

Winter field day is the weekend of January 27/28 at the Ball Pond FD. Discussion was held on equipment, antennas, sign-up process, and food. There will be an antenna party prior to the event once the supplies are retrieved from the Bethel EOC on Wednesday 1/17. The day of the event starts with set up at 10am and operations begins at 2pm.

Steve, W1SMS, reported there is no progress on the Danbury Innovation Center until the owner of the building receives zoning changes to move forward.

New Business:

The February 9th meeting will be a show and tell for members to bring their POTA stations/jump kits so members can see and ask questions and improve their POTA stations.

On February 24th, the Radio Museum in Windsor CT has an open house from 8-2. More to follow on a club outing to this event. Bud will get more information and put out a sign-up sheet for carpooling.

Bud is working on the Special Service Club designation process and will keep the club informed on this process and progress.

A motion was made and seconded to donate \$25 to the WA7BNM contest calendar/3830 scores.org organization. After discussion, the motion was passed by majority vote.

Bud mentioned there is a state QSO party challenge. If one participates in a state's parties, they can file and include CARA and we could win an accumulated award. Anyone interested or needs more information contact Bud, W1NSK.

John, W1JGM, mentioned that we continue to run our TEAMS Elmers session on Sunday nights from 8-9pm. He also mentioned that there are several people interested in getting their technician license. Anyone interested in joining the class as a student or helping as a teacher please contact John, W1JGM, at his email address w1jgm@w1qi.org. The goal is to run the class for 4-5 weeks this spring and have our VE group administer the exam. The plan is to meet on Teams and use a lesson plan and formal process. Anyone interested in ham radio are encouraged to attend Winter Field Day to observe and participate where appropriate.

Announcements:

Pasta night is on January 16th. It was also discussed that we would forgo the pasta night once a quarter and go to the big eater's dinner on the last Thursday of the month, 7pm Vespucci Lodge. We will do this in March, June, September, and December.

4 members of the club went to **Ham Radio University** on Long Island earlier this month. The consensus was it was a very good educational program.

Our next planning meeting is Friday 1/26 and the next business meeting on Friday 2/9.

The meeting was adjourned at 8:51. Members stayed on TEAMS after the meeting to answer questions from our guest, Christina KC1RDS.

**CARA Planning Meeting Minutes
January 27, 2024**

The meeting held on TEAMS was called to order by John - W1JGM at 7:30pm. There were 9 members present.

The agenda for the February 9 meeting published on pages 2-3 was completed.

- February Planning Meeting: February 23 on TEAMS
- March In-Person meeting: March 8

Final planning continued about Winter FD coming this weekend. Steve - KC1EEQ mentioned that the head of Sky Warn will stop by to show and tell his drone program.

The meeting adjourned at 8:10 pm.

**CARA TEAMS
mentoring sessions**

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 mentoring (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!

*Editor:
TEAMS meeting credentials for CARA Mentoring sessions will be posted to the new CARA Groups IO email server. CARA membership benefits include use of the CARA Reflector and an annual subscription to the CARA Capers Monthly newsletter.*



Weekly CARA Sunday club NETS:

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

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

Net Controls: David -KB1ZAC, Charlie-KC1IBR. Contact David – KB1ZAC if you would like to be a CARA 10M or 2M Net Control Operator



Upcoming Contests, Hamfests & Meetings:

- Feb. 7: CT ARES 2M FM packet WinLink Wednesday event
- Feb. 9: CARA Monthly Business Meeting. In-person at Stony Hill Fire House, Rte. 6, Bethel. 7:30 pm POTA Show & Tell Night
- Feb. 10: CARA Club Station Days – Session 2 1:00 – 3:00 pm, W1JMA -Ridgefield, W1SMS – Danbury
- Feb. 9-11: CQ WW RTTY WPX Contest
- Feb. 12: CT ARES Region 5 South Monthly TEAMS meeting

- Feb. 16-18: ARRL DX Contest: CW
- Feb. 20: CARA Monthly Pasta Night Dinner – Italian American club in Danbury 6:00 pm



- Feb. 23-25: CQ WW 160M SSB contest
- Feb. 23: CARA Planning Meeting via TEAMS
- Feb. 7, 14, 21, 28: CWops CWT 1300Z & 1900Z Wednesday, and 0300Z (Thursday)
[https://cwops.org/cwops-tests/](https://cwops.org/cwops-tests)

March 1 : March 2024 Capers input deadline to w1qk@snet.net

Editor: Dates, links and other details for this column provided by:
<https://www.contestcalendar.com/index.html>

For current scores, go to:
<https://www.3830scores.com/index.php>

Reference material for March 8 CARA meeting presentation: Introduction to RTTY- by W1QK:

<https://www.rttycontesting.com/>

For a calendar list of all RTTY Contests, click the “Records, Rules & Results” menu.

[Digital Contesting is Fun](#) by Ed Muns, W0YK/P49X

2Tone version 21.03a is now available on the [2Tone Downloads](#) page.

Excellent RTTY decoder comparison by Mark, ON4WW, on YouTube [here](#).

RTTY Message Length Calculator [here](#).

Links

aa5au.com

3830scores.com

[Fkeys for WriteLog](#)

supercheckpartial.com

[QSL.NET Propagation](#)

[RTTY Ops Facebook Page](#)

Tutorials

- [Contest Super Simulator \(CSS\)](#)
- [Finding & Removing Hidden COM Ports](#)
- [N1MM Logger Tutorials](#)
 - [N1MM Logger+ RTTY Quickstart Guide](#)
 - [Operating WAE RTTY with N1MM+](#)
 - [Operating WW Digi with N1MM+](#)

Getting Started on RTTY

Getting Started on RTTY

A tutorial on how to get started operating RTTY using [MMTTY](#) as the primary program to begin your RTTY operations.

Click [here](#) for the full English version in PDF format.

[Intro Page](#) – Introduction to Getting Started on RTTY

[Page 1](#) – Installing MMTTY

[Page 2](#) – Running MMTTY

[Page 3](#) – Receiving RTTY discussion

[Page 4](#) – Receiving RTTY with MMTTY

[Page 5](#) – Transmitting RTTY discussion

[Page 6](#) – Transmitting AFSK with MMTTY

[Page 7](#) – Transmitting FSK with MMTTY

[Page 8](#) – Specifics: USB adapters, EXTFSK

[Page 9](#) – Commercial Interfaces

[Page 10](#) – Receive Audio Troubleshooting

[Page 11](#) – Diddles & Transmit Troubleshooting

Additional RTTY Pages:

RTTY Sub-bands [here](#).

RTTY RFI Page [here](#).

An Excellent Technical Discussion on the Advantages of Using Diddles by Kok Chen W7AY [here](#).

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.

On Jan 25, 2024, at 2:21 PM, John W1JMA <w1jma@w1qi.org> wrote:

At the January meeting, motion was made, seconded, and approved to donate \$25 to the WA7BNM contest calendar and 3830scores.

Below is the thank you note for our donation.

Hi John,

Please thank the officers and members of the Candlewood Amateur Radio Association for the club's donation in support of my contest calendar and 3830scores. Much appreciated.

73 de Bruce, WA7BNM
(bhorn@hornucopia.com)

CT ARES Winlink Wednesday

Put your 2M FM Winlink Packet station on the air to participate in the monthly ARES Winlink Wednesday message practice. Try to use the W1SP nodes in our area:

W1SP-6 LITCCT Litchfield
145.65 FN31JR

W1SP-7 NHAVCT Oxford 145.63
FN31JK

W1SP-8 FAIRCT Bridgeport
145.69 FN31JE

Next CT ARES WinLink Wednesday:

Wednesday, February 7, 2024

2024 Ham Exam Schedule



Upcoming CARA 2024 Amateur radio exams:

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

All sessions are at 11:30 am on Saturdays.

March 2, 2024

June 8, 2024

September 7, 2024

December 7, 2024

73, Jon Bernon - AJ1U
CARA VE Session Coordinator



CT ARES Information:

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

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

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

Send an email inquiry to Harlan Ford – W1QH,
Region 5 DEC if you would like to learn more about CT ARES or be added to the distribution for

CT ARES announcements and links to CT ARES meetings via TEAMS.

hford01@snet.net

Visit this website to learn more about CT ARES, the weekly 2M FM nets, and WinLink Wednesday:

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

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

"When Everything Else Fails. Amateur Radio often is our last line of defense...When you need amateur radio, you really need them."

The Hon. W. Craig Fugate
Former Administrator, US Department of Homeland Security, FEMA



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/>

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

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

How did the unusual term "Amateur Extra Class" originate?

Re: How did the unusual term "Amateur Extra Class" originate?

From: W1UU

Date: Tue, 30 Jan 2024 06:23:45 EST

One famous ham was WIZE who made the true claim he was the first ham licensed in the USA. I used to hear him on the AM 75-meter phone band with his ticking clock.

If you read his biography, from a ham radio point of view, he was quite an interesting person. If you were his neighbor, you would decry his massive antenna.

His QTH along the south coast of Massachusetts was and is a wonderful location. It rivaled the Scituate area along the Eastern side, close to Boston. And of course, the Marconi dual sites involved transmitting and receiving (Frank has done great research on all this).

Peter, W1UU CWops #91
VP-CWops

From: donovanf@starpower.net

Date: Tue, 30 Jan 2024 13:41:45 EST

Hi Fred.

There's understandable confusion in your email among operator licenses, commercial stations, amateur stations, special land stations, and special amateur stations.

Callsigns were not assigned to amateur operator licenses until the modern era. Prior to that callsigns were assigned only to station licenses. Operator and station licenses were distinct and separate in both the commercial and amateur services. Amateurs usually identified themselves with the callsign assigned to their station license.

In the commercial service there were special land stations. A special land station was not the same as a special amateur station

<https://docs.fcc.gov/public/attachments/DOC-337971A1.pdf>

There were only about 100 special amateur stations They were assigned a callsign with a suffix beginning with Z.

Paul Godley is an odd case. His name does not appear in any Department of Commerce callbook, but his 2ZE callsign is listed as a special land station. He often identified himself as 2ZE.

Special amateur stations were granted "only if some substantial benefit to the art or to commerce apart from individual amusement seems probable"

Special amateur stations could be approved to operate at wavelengths longer than 200 meters and at power levels more than one kilowatt on special application.

Special amateur stations may be licensed by the Secretary of Commerce to use a longer wavelength and a higher power on special application.

Applications for this class from amateurs with less than two years' experience in actual radio communication will not be approved. The application must state the experience and purpose of the applicant, the local conditions of radio communication, especially of maritime radio communications in the vicinity of the station, and a special license will be granted only if some

substantial benefit to the art or to commerce apart from individual amusement seems probable. (Sec. 4, fifteenth regulation, act of Aug. 13, 1912.)

Special amateur coast stations must be operated by a person holding a commercial second-class license or higher. Inland stations may be operated by persons holding amateur second-grade licenses or higher.

<https://earlyradiohistory.us/1914reg.htm>

<https://docs.fcc.gov/public/attachments/DOC-338008A1.pdf>

page 10

Operator and station license fees in 1923 were not inexpensive. One 1923 dollar is worth \$17.59 in 2024 dollars

17 Amateur Extra First-Class operator licenses were issued in 1928 18 Amateur Extra First Class operator licenses were issued in 1929. 4424

Amateur First Class operator licenses were issued in 1928. 5058 Amateur First Class operator licenses were issued in 1929.

Radio station license per annum fees:

\$300 for transoceanic radio station license, \$50 for commercial land station license other than transoceanic, 1 kilowatt transmitter input or less, \$50 for each additional kilowatt or fraction thereof, \$25 for ship station license, \$25 for experiment station license, \$15 for technical and training school station license, \$10 for special amateur station license, \$2.50 for general and restricted amateur station license, Radio operator license per annum fees \$2.50 for commercial extra first-class operator's license, \$1.50 for commercial first-class operator's license, \$1.00 for commercial second-class operator's license, 50 cents for commercial cargo grade operator's license, \$1.00 for experiment und instruction grade operator's license, \$1.00 for amateur first-grade operator's license, 50 cents for amateur second-grade operator's license

Radio operator license fees for each examination: \$2.50 for each examination for commercial extra first class radio operator's examination, \$2.00 for each examination for commercial first class radio operator's examination, \$1.50 for each examination for commercial .second-class radio operator's examination, \$1.00 for each examination for commercial cargo grade radio operator's examination, \$1.00 for each examination for experiment and instruction grade radio operator's examination, \$1.00 for each examination for amateur first-grade radio operator's examination, 50 cents for each examination for amateur second grade radio operator's examination.

From: FRED BELGHAUS
Date: Tue, 30 Jan 2024 15:32:42 EST

This is great info, Frank, and none of which I had access to. Interestingly, there is an entry in that issue under the heading, "FALSE CALL LETTERS," and stating that there are privately published call sign directories that contain bogus call signs, and therefore, of unlicensed stations. This was the case in 1915, but I suspect it may have continued at least until 1920 or so.

Much of my source material came from a publication of The Consolidated Radio Call Book Co., New York City (1920 edition), and a second, undated volume without cover, but obviously published by the same company due to the exact same format in all listings. I never checked to see whether all the calls listed were genuine!

I also have a couple of Dept. of Commerce Call Books, from which the Consolidated publisher evidently lifted data, and to which they may have added additional calls that were not legal stations. I wonder if these calls were added for a fee payable to the publisher?

Yes, I knew that there were separate station and operator's licenses, a practice that continued for many years, and that which I suspect ended after World War II. I personally know of cases where there was more than one operator at some amateur stations during the 1920's and '30's, as shown on QSL cards from that period. There were also Silent Key listings, and listings of military people either MIA or KIA during WW II in QST, that stated after their name "Operator's license only."

There was also a lot of bootlegging in those days. An ex-boss of mine, Chief Engr. of an AM broadcasting station, once admitted that he used to bootleg a call on 5 meters pre-War, but he never held an amateur license. 5 meters was evidently a popular band for unlicensed stations, because I've seen letters to the Editor decrying that practice, especially during the '30's.

So, when QST listed under Silent Keys, 2 letter calls with "X" and "Z" suffixes, and without W prefix, they may not have been amateur stations at all. Curious! Anyway, I appreciate the new info. I'm always learning!

73, Fred, KR2H

Re: How did the unusual term "Amateur Extra Class" originate?

From: Zack Widup
Date: Tue, 30 Jan 2024 16:40:16 EST

There may have been a reason for that. It could have been to detect if someone was copying their data and publishing it under the name of the copier.

I have seen maps that have fake towns marked on them that don't exist..... This is the reason the publishers put the fake towns on the maps.

73, Zack W9SZ

From: donovanf@starpower.net
Date: Tue, 30 Jan 2024 17:55:18 EST

Hi Fred,

Callbooks from 1909 to 1997:
<https://archive.org/details/callbook>

Radio Service Bulletins from 1915 to 1932:
<https://www.fcc.gov/media/radio/radio-service-bulletins>

Radio Communication Laws of the United States dated July 1914:

<https://earlyradiohistory.us/1914reg.htm#RA4-15>

73
Frank
W3LPL



The Amateur's Code The Radio Amateur is:

CONSIDERATE...never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio Relay League, through which

Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE...with knowledge abreast of science, a well-built and efficient station and operation above reproach.

FRIENDLY...slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED...radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC...station and skill always ready for service to country and community.

--The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928.



Capers: Swap and Shop

CARA Swap & Shop Policies:

CARA assumes no responsibility for transactions made or inaccuracies in ads. You are responsible for checking your ad and notifying us of any corrections. Swap and Shop listings are open to licensed CARA hams, based on space available. Please submit your items to w1qk@snet.net for placement in the CARA Capers.

FOR SALE:

Yaesu FTDX 2000. 100 Watts, 160-6 Meters.
All Options and Digital Filters. \$900.
Contact: Bud Kozloff – W1NSK
203-939-3708



Visit us on the Web at
<http://www.cararadioclub.org>

Executive Board:

President – Bud Kozloff, W1NSK
w1nsk@w1qi.org
Vice President – John Morelli, W1JGM
w1jgm@w1qi.org
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CARA is an IRS 501(C)3 Organization.

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

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



March Issue input deadline: Mar. 1

A brief word from our editor...

CARA CAPERS is the monthly publication of the Candlewood Amateur Radio Association, Inc. (CARA) and is intended to present news, issues, and opinions of interest to CARA members and the Amateur Radio Community.

We encourage contributions of articles, letters to the editor, etc. and welcome newsletter exchanges with other clubs from around the country and around the world. Permission is granted to reprint material contained herein if proper credit is given to this newsletter and the author.

Ideas for, and contributions to the CAPERS should be submitted to: w1qk@snet.net.

Submissions must be received no later than the date indicated in the preceding month of issue, *unless otherwise specified*.

Submissions should be in MS Word format or ASCII text. Photos should be in .jpg format.

The input deadline is announced in the previous issue and again at the monthly planning meeting.

Material received after the deadline will be used in the next month's CAPERS if it's still current and /or newsworthy.

The CAPERS is published by CARA Capers Editor. All material contained herein is considered the opinion of the author and not necessarily that of CARA.

Announcements of events are for informational purposes and do not necessarily constitute an endorsement by CARA. No responsibility for accuracy is assumed by the CARA Capers editor or newsletter staff.

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



About ARRL:

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

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Subscribe to...

- [NCJ -- National Contest Journal](#). Published bimonthly, features articles by top contesters, letters, hints, statistics, scores, NA Sprint, and QSO parties.

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- [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!
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ARRL New England Division Newsletter: "Beacon":

<https://nediv.arrl.org/wp-content/uploads/2024/01/New-England-Beacon-January-2024.pdf>

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

There are in excess of 400 contesters who are members of the club throughout New England, New York, and Canada.

YCCC has members who are some of the most proficient contest operators in the world.

CARA has members of the YCCC.

More information about the YCCC at:

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

Editor: From the YCCC Reflector for the benefit of those who don't belong to the YCCC with credit to all contributors:

QSO Parties, Points, and why CW is now the "easy route"

From: Nick Maslon - K1NZ

Date: Sat, 03 Feb 2024 22:31:53 EST

Hi all,

I sit here tonight writing this from a nice BnB in West Topsham, VT, while 2/3 of the way through my 14 county VTQP rover. Before I get into the meat and potatoes of this post I'd like to mention a few "ground rules".

- Know code or no code? Don't care.
- CW is your favorite mode? Don't care.
- I personally prefer digi, myself. Not relevant to this discussion.

Point is... I'd like to make this post without people's preferences swaying what I think is an objective point.

In a QSO Party, Phone is no longer easier than CW and should carry equal if not more points.

My reasoning:

- CW skimmers: call CQ once and you are instantly spotted. Your pileup lasts until you turn the radio off.
- Phone spotting is not a given thing, even with self spotting. Anecdotally, from this weekend, even with self spotting, I would get maybe 5 people after a spot, then nothing until I could self-spot again.
- Can't self-spot on SSB? You're screwed, unless you're running an Italian kilowatt with a beam. This isn't a problem on CW with a potato and 5W! Skimmers, galore! After I managed to get my car out of the ditch on the Lamoille / Orleans county line this afternoon, I called CQ on 20m SSB for 20 minutes until I could get a text out to a friend to spot me. Once that went through, I worked about 10 people.

- Contests like NEQP that don't allow self-spotting and that are points-biased toward CW do not foster SSB participation.

The way I see it, SSB should be worth the same amount of points as CW, if not more in a QSO party, because even with self-spotting, phone is now objectively harder.

Of course, I would like to hear everyone else's reasoning on this.

PS, I have two more county lines to hit tomorrow to reach the 14 county rover sweep. Hope to work you!

73,
Nick K1NZ

[Re: QSO Parties, Points, and why CW is now the "easy route"](#)

From: Randy Thompson K5ZD
Date: Sat, 03 Feb 2024 23:20:13 EST

Phone is a mode where it helps a lot to be loud. I am sure if you were using a beam and some power you would find plenty of people looking for a VT QSO. But, as a mobile, you just don't stand out enough to capture the casual ops.

Have fun out roving. You got great weather for it!

Randy K5ZD

[Re: QSO Parties, Points, and why CW is now the "easy route"](#)

From: Braydon Ebare
Date: Sat, 03 Feb 2024 23:41:27 EST

While the tools available to find stations on CW is more advanced, which make it traditionally "easier", it's definitely not easier in practice. Firstly, higher rates are achievable on SSB. Especially when you only have one radio... in your case specifically.

Truly, to be a top scoring station in SSB, or predominantly SSB, you must be loud. Unfortunately, that is very hard when you're mobile.

The big difference is that almost anyone can pick up a mic and say 59 and their state. That is not true with CW. You must be able to send it and understand what is being sent back, especially when the station you want to work is changing their exchange every so often.

Unfortunately it isn't a matter of what is "easier", it's a matter of skill required. I think CW will always be harder than phone, since one must actually sit down and learn it.

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

WinLink 2M CT Packet Gateways - Submitted by W1QK:

CALL	COUNTY	LOC./FREQUENCY	GRID	REGION	EMG.	POWER
W1SP-1	TOLLCT	Tolland	145.65	FN31UV	3	Y
W1SP-2	WINDCT	Brooklyn	145.61	FN41AT	4	Y
W1SP-3	NLONCT	Ledyard	145.63	FN31XK	4	Y
W1SP-4	HARTCT	Avon	145.69	FN31OT	3	Y
W1SP-5	MIDDCT	Haddam	145.69	FN31RK	2	Y
W1SP-6	LITCCT	Litchfield	145.65	FN31JR	5	Y
W1SP-7	NHAVCT	Oxford	145.63	FN31JK	5	Y
W1SP-8	FAIRCT	Bridgeport	145.69	FN31JE	1	Y

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

K1DC  USA

Timothy J "Tim" Carter
422 River Rd
Andover, MA 01810
USA

QSL: Pse QSL via LoTW, direct or buro. I will respond in kind.

Email: k1dc.radio@gmail.com

XML Subscriber Lookups: 3478



A few notes on FT4/FT8 operation...

Bear in mind that I'm a relatively noob; licensed in May 2022, but I do have several thousand FT4/FT8 contacts so I have picked up a few things. YMMV

1. **Always check** the waterfall, both intervals, **before** hitting 'Enable TX'. Make sure you are on a clear segment (frequency slot) so you are not crushing someone else's DX. This also greatly improves the likelihood that everyone else can hear you!
2. **Always operate split** - do not TX on the segment the station you are calling is using. The best way to accomplish this is to activate 'Hold TX Freq' option within WSJT-X.
3. **Pause your TX if the remote station is obviously working someone else.** You can restart once you see the RR73/RRR/73 msg. from your desired station. This reduces the 'noise' on the band, the clutter on the receiving station's screen, and is just good DX etiquette. (see [DX Code of Conduct](#))
4. **I will log a QSO as soon as we have exchanged signal reports.** I do not require a 73/RR73 in order for me to consider a QSO complete.

5. ***I will respond to a calling station at least 3 times.*** If there are no other callers I will try a few more times before returning to calling CQ. If there is a contest or there are many callers (Hey, stop laughing! It does happen!) I may reduce to only 2 tries but this is exceedingly rare.
6. If the remote station is experiencing a pile-up, and/or is exceptionally weak you *may* want to consider skipping the first msg. in the sequence (dxcall yourcall GRID) and starting off with the signal report (dxcall yourcall R+nn). This reduces the number of exchanges required for a complete QSO. Of course, this assumes you are operating from your home QTH and your grid info. is listed on QRZ, etc. where the remote station can look it up if desired. Further, this does prevent the remote station from easily knowing where to point their beam back at you, so choose carefully.

This **DOES NOT** apply on VHF (50Mhz and above) - **ALWAYS** send your grid in the first sequence (TX1).

7. If the station you are trying to work has a relatively high dB rating (>0) but is not responding to you consider changing your TX segment. Just because it is quiet/open on your end does not mean it is quiet for the receiving station.
8. Let's say you're calling CQ, and you get a reply from a station with a good dB number, but then they just seem to be unable to hear you (not proceeding in the msg. sequence). Check the waterfall as they may have moved to your TX segment (your receive and tx bands are equal) and can no longer hear you. When this happens I'll move my TX away to a new clear segment and continue the sequence. This is also true if you are responding to another station's CQ (see #2 above)

Source: KC1RET – now K1DC QRZ Home Page



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/mmfiles/n1mm-logger-full-installer-1-0-10001-august-22-2023/>

Editor: From the N1M Logger Plus Reflector for the benefit of those who don't follow it - with credit to all contributors:

Geek Talk from the N1MM Logger Plus Reflector

[Steve Bookout, NR4M](#)

Feb 1 #82685

Hello all,

A couple of weeks ago, I asked here on the reflector about choosing a suitable CPU for a new computer I had to come up with. There were many suggestions and I tried to research the likely candidates.

I looked at building a computer around one high quality CPU and it was going to be over \$800. When I built the current batch of computer many years ago, it cost me a bit over \$400 each. So, I looked at various refurbs, Getting the what I was looking for was still going to cost about \$500. I know there are lots of refurbs @ \$200+/-, but I wanted to make very sure I had no computer latency issues when doing RTTY with four de-coding windows open, with spots pouring in, as well.

I had purchased a mini computer about 6 months ago to use with my boat anchors for logging and SDR use. I worked fine, but too a bunch of USB to make it all happen.

One of my big concerns was the lack of real serial ports for my K3 and FSK interfaces.

Well, I wound up purchasing another mini computer from Amazon. Brand is GEEKOM.. Sounds Chinese, but the seem to have a US presence, with US phone # and central time zone working hours, but that still might lead direct to China.

Anyway, 8 core processor, 16 GB of RAM, 512 GB solid state drive and Windows 11, with Intel processor. It boots in 8 secs, which is super fast compared to the mechanical HD's I've been using. But that doesn't mean much if the rest is crappy. Only time will tell; so far, so good.

https://www.amazon.com/dp/B0C85YVQLW?ref=ppx_yo2ov_dt_b_product_details&th=1 for those interested.

Thanks for all the help with this.

73 de Steve, NR4M

New computer results

Doc - W4MSL

10:52am #82703

Steve,

Glad you like your choice. What about your concern about a "real" (i.e., hardware) serial port? Didn't see one listed. What did you do? PCIe Serial card? I ask, because that requirement was a driver in my recent mobo purchase selection. I went w the Asus Pro B760M-CT-CSM. It has two on-board COM port headers, to which 9-pin connectors attach and route by ribbon cables to DB-9 connectors on a rear panel bracket. I paired it w an Intel i7 12700K LGA1700 (@ 2x the price of the mobo!). Used my existing case and PS and the on-board video in lieu of a separate GPU, saving a bit there, but w 64Gb of DDR5 ram (excessive, I know) the total still pushed \$900. But, I was rewarded w a "worked the 1st time" experience when I fired up N1MM+ using all my old settings. As I mentioned in my reply to your 1st post, this mobo has actual PS/2 ports for KB/mouse, important to me because I

use an ancient IBM Model M TrackPoint KB. The downside of this mobo was the lack of critical drivers. There was no CD-ROM w the mobo. No issue w the Ubuntu install, but W10 didn't recognize the ethernet adapter or sound chip until I ran down drivers. I actually had to boot Ubuntu to go online to fetch the ethernet driver for W10! Only then I was able to use W10 to get several other on-board devices. I had a hard-to-diagnose "Unknown Device" in my Device Manager. But, eventually I rounded everything up and all is nice. However, I'd suggest this mobo only to those for whom the hardware specs justify the absence of the usual in-the-box driver support. For me, it was worth the scavenger hunt. Asus intends this mobo for a corporate environment in which all configuration and mgmt are done remotely by some IT sort, but still, they should have included the drivers on a disk or thumb drive. Caveat emptor!

Doc

W4MSL

John Bednar

7:15am #82697

When shopping, compare the CPU models on the PassMark website.
<https://www.cpubenchmark.net/>

The newer CPUs have performance and efficiency cores. They are quite different. The built-in video improves with each generation has been adequate for at least Gen 8.

These computers use lower power mobile CPU's. A 12th or 13th generation CPU with at least four performance cores, the same or more efficiency cores, and 16gb of memory should be plenty fast. It looks like the 13th generation computers have dual video jacks. This makes it easier to configure for dual monitors.

We had several fans seize and stop in the Gigabyte brand NUCs at work. No dirt just poor quality bearings. I was able to purchase the same model fan on Amazon.

John, K3CT

KC9EE 12:19am #82696

I've been looking at the Geekcom line, myself.

With the N1MM+ Spectrum window running plus multiple decode windows plus possibly remoting to another K4D, I don't want to be short on horsepower. Keep us posted, Steve.

73,

Gary KC9EE

NAQP, Murphy Strikes and Contest Tips: KL9A and K5ZD

Discussion in '[Amateur Radio News](#)' started by [W1DED](#), [Jan 24, 2024](#).

[Watch Thread](#)

[Go to First Unread](#)



1.

[W1DED](#) *Platinum Subscriber* [Platinum Subscriber](#) [QRZ Page](#)

New



A handful of top-notch ham radio contesters have agreed to join me on a regular basis to talk about their contest experiences and best practices. In this inaugural gathering of the "Contest Crew," Chris Hurlbutt KL9A and Randy Thompson K5ZD participate in a discussion about the recent North American QSO Party, Chris' experience with overcoming challenges at N9RV's contest station, and some sage operating advice from Randy.

In the future, Dan N6MJ and Scott K0MD will also be joining the group to add their unique perspective. If you have questions that you'd like to have answered on future shows, send me an email (QRZ). Thanks for watching, and subscribing to, W1DED Worldwide Ham Radio.

WACC

WORKED ALL CONNECTICUT COUNTIES

THIS CERTIFIES THAT

Vegh Laszlo OM2VL

Has made radio contacts with
All 8 Connecticut counties

Certificate Number 2024-001

Endorsement

BAND 20M

MODE SSB

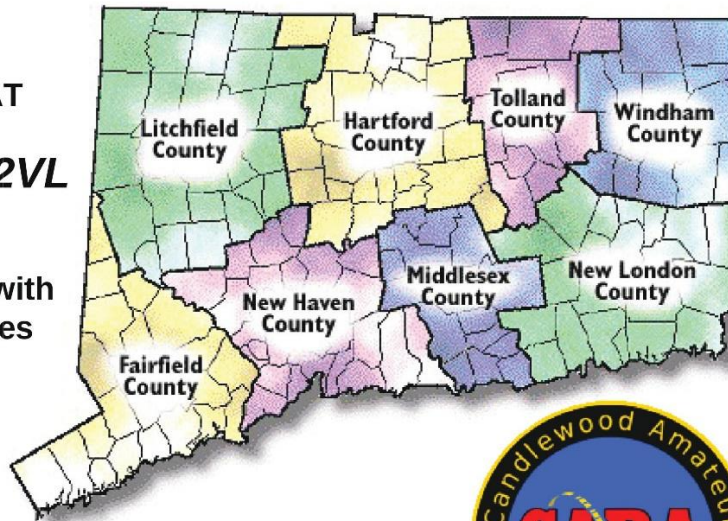
Presented by:

Candlewood Amateur Radio Association

Bud Kozloff W1NSK

President of CARA

Date Feb 1, 2024



Version 1 – March 2014

de W1JMA:

The most recent WACC Award was presented to Vegh Laszlo - OM2VL, by W1JMA, CARA Secretary/Treasurer & CARA WACC Administrator

Note that this certificate was endorsed for 20M SSB.

For more information about how to apply for this special CARA Operating Achievement Award:

Worked All Connecticut Counties Award

CARA Administers the Worked All Connecticut Counties Award. Download [this application form](#) to apply.

<https://www.cararadioclub.org/activities>

CARA Committees

CARA has several committees which provide various services and information to CARA members and the public.

If you want to learn more about these committees, please contact the committee chairman (listed below) for more information.

Repeater: Steve Simons, W1SMS - Chairman

Sunday CARA Net: David Teagarden, KB1ZAC - Chairman

Website: Stephanie Fuda

Hamfest: John Morelli, W1JGM & John Ahle, W1JMA - Chairmen

Membership: John Morelli, W1JGM - Chairman

Programs & Activities: Bud Kozloff - W1NSK.

CARA Capers: Dan Fegley, W1QK

<https://www.cararadioclub.org/about-cara/73-committees>



Member and Station News:

Your news, story, and/or pictures could be included here in the next issue of CARA Capers. Send it to w1qk@snet.net. Your Capers editor welcomes and encourages member input.

CARA Club Station Days

A new Operating Program for the Winter Months - de W1JMA

At the October 2023 meeting, a new program was approved to organize monthly CARA Club Station Days. Since we do not have a formal club station at this time, it would be nice to have 3 or 4 members offer to host up to 3 members of the club at their home stations during the months

of December through March, when we are not doing club POTA outings.

At this point in the planning process, we are looking for Host Stations. As of today, we have 2 host stations, Steve, W1SMS and I have offered to be host stations. We are looking for another 1 or 2 members willing to host.

Please contact John Ahle -W1JMA at w1jma@w1qi.org if you are willing to host.

OVERVIEW OF THE PROGRAM:

Purpose: Experienced club members host a two-hour block of time for other club members to tour and operate from their shack using the W1QI CARA Club call sign. During that time, they could:

- hunt parks
- special event stations
- chase dx
- operate SSB, CW or FT8/4 if available

Procedure:

- Secure 3-4 experienced hams willing to host and welcome no more than 3 members to their shack to operate.
 - The host operator will be the control operator to the extent of their license privileges.
- Will use sign up genius to manage the monthly process
- Use HAMRS as the logging program.
 - ADI output will be required for club records
- Will ask each station to link by TEAMS Video during the operating sessions

Proposed Dates:

- - Saturday February 10 1-3
 - W1JMA Ridgefield
 - W1SMS Danbury
 -
 - Saturday March 9 1-3
 - W1JMA Ridgefield
 - W1SMS Danbury
-



Photo: W1JMA CARA Club Station Day at W1JMA

Club members W1SMS and W1JMA opened their home stations to Rosty - W2ROS, Dan - N2DGT, Dave - KB1ZAC and Jay - KB1GPP for the January Club Station on Air operating/Elmering event.

The next CARA Club Stations on the Air is Scheduled for Saturday February 10th 1-3pm.

Steve W1SMS can host up to 3 members at his station in Danbury.

John W1JMA can host up to 2 members at his station in Ridgefield.

<https://www.signupgenius.com/go/10C0E4AA9A92CA2FCCF8-47234134-club>

CARA Winter Field Day: Jan. 27-28

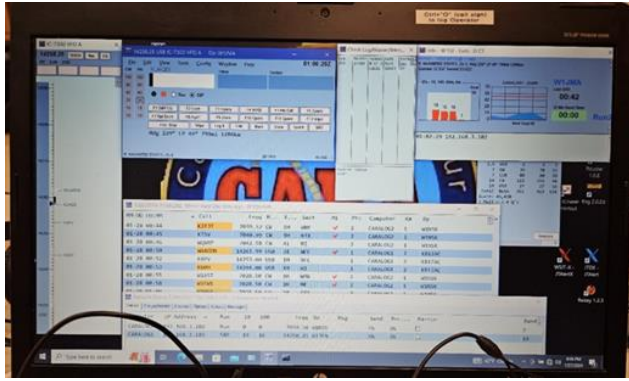
Ball Pond Vol. Fire Co. – New Fairfield

Photos contributed by: WA1JGA, KC1IBR, KB1ZAC, W1QK















W1QI CARA Winter Field Day 2024 – Score Data

Log Processed by Dan – W1QK, and Harlan – W1QH 2-1-2024

WFD Summary Sheet Start Date : 2024-01-27 Callsign Used : W1QI

Operator(s) : KB1ZAC, W1NSK, WA1JGA, W1QK, W1JMA, W1JGM, AG1YK, KC1QVE, WV1V,
W2ROS, W1AS, W1PDS, W1QH

Operator Category : MULTI-OP Assisted Category : ASSISTED Band : ALL Power : LOW

Mode : MIXED+DIG Default Exchange : 2I CT Grid square : FN31GK ARRL Section : CT

Club/Team : Candlewood Amateur Radio Association Software : N1MM Logger+ 1.0.10165.0

Band	Mode	QSOs	Pts	Mlt	Pt/Q
------	------	------	-----	-----	------

3.5	CW	32	64	17	2.0
-----	----	----	----	----	-----

3.5	LSB	8	8	4	1.0
-----	-----	---	---	---	-----

3.5	USB	2	2	2	1.0
-----	-----	---	---	---	-----

7	CW	96	192	42	2.0
---	----	----	-----	----	-----

7	LSB	80	80	19	1.0
---	-----	----	----	----	-----

14	CW	136	272	48	2.0
----	----	-----	-----	----	-----

14	USB	67	67	29	1.0
----	-----	----	----	----	-----

21	USB	149	149	30	1.0
----	-----	-----	-----	----	-----

28	USB	16	16	6	1.0
----	-----	----	----	---	-----

Total Both		586	850	197	1.5
------------	--	-----	-----	-----	-----

Score : 167,450





WFD 1/27/2024 - Operator by Mode Statistics

Operator	CW	LSB	USB	Tot	Accum
AG1YK	0	0	46	46	46
KB1ZAC	0	5	50	55	101
KC1QVE	0	0	23	23	124
W1AS	10	0	0	10	134
W1JGM	0	64	81	145	279
W1JMA	0	1	34	35	314
W1NSK	105	0	0	105	419
W1PDS	0	7	0	7	426
W1QK	66	0	0	66	492
W2ROS	0	11	0	11	503
WA1JGA	47	0	0	47	550
WV1V	36	0	0	36	586
Total	264	88	234	586	586



[CARAW1QI] Congrats KB1ZAC 1000 Activator Contacts from Putnam Park!

John WIJMA From:wljma@wlqi.org

To:CARAW1QI@groups.io

Congratulations to Dave - KB1ZAC who has entered the POTA MASTER ranks along with fellow club member and POTA MASTER Ron- N1IBQ. As of this morning, Dave has achieved 1015 activator QSO's from Putnam Memorial State Park in Redding. He is closing in on Ron who has 1490 activator QSO's from Putnam.

CARA members Ron, Dave and John - W1JMA are currently the Putnam Memorial Park top 3 activators. Dan- W1QK is the #5 activator from Putnam Park.

Congratulations and well done – David and Ron.



KB1ZAC at POTA Park K-1681 in New Milford.



KB1ZAC at Kettletown State Park in Southbury.



KB1ZAC: "Just a boy and his radio".



David usually combines some fishing during POTA operations.



KB1ZAC promoting POTA at our CARA 2022 Hamfest.



CARA POTA Event – August 19, 2023 at K-1681



CARA POTA operations will resume on Saturday, April 20. Stay tuned for further details.



We are an all-volunteer run museum located in Windsor, Connecticut, offering a fascinating and educational look back in time (and technology). Take a walk-through history from Morse Code transmitters to radio & television to personal computers, and everything in between.

FEBRUARY SWAP MEET (INDOOR)

Saturday, February 24, 2024

8:00 AM 1:00 PM

Google Calendar ICS

Since 1990, the Vintage Radio & Communications Museum has been giving collectors of vintage communications equipment the opportunity to come together and share their love of this wonderful history. These events are called Swap Meets where collectors from throughout the Northeast gather to display items that they would like to sell, swap or trade.

The first Swap Meet for 2024 will be held on Saturday, February 24th, at the museum at 115 Pierson Lane, in Windsor, CT. The swap runs from 8 am to 1 pm. The event is free for the public to attend. There is a small fee to set up and display.

The collectors will set up tables in the Museum Event Center of the museum. The museum has large amount of surplus equipment that will be offered for sale as well. For more info go to the museum web site www.vrcmct.org or call 860-683-2903.

<https://www.vrcmct.org/vintage-radio>

<https://www.vrcmct.org/visit-museum>

HamXposition 2024 is coming

to the Best Western Royal Plaza in Marlborough

August 22-25



August 22

New for this year, we are starting the convention with a Thursday night comedy show. Juston McKinney has had numerous appearances on Comedy Central including his own half-hour and one-hour specials. He has also made appearances on The Tonight Show and two Amazon Prime specials. Juston is sure to make us start the convention with a laugh.

August 24

On Saturday, we are pleased to announce Dr. Tamitha Skov, WX6SWW. Tamitha is known as "Space Weather Woman" on social media. She has made appearances on The Weather Channel, The History Channel, and CBS News. She will entertain us with interesting facts about solar flares and other celestial phenomena.



Both events can be purchased a la carte, but we also have convention packages available that provide discount.

Many announcements to come, include VE Exams, Tech in a Day Classes, Friday DXCC Dinner and more!

Online ticketing is available now. If you wish to stay overnight, discounted hotel rates are available through July 25th.

Visit our website for all details and to purchase tickets in advance:
<https://hamxposition.org>

73,
Bob - K1IW
HamXposition 2024

Comedy Show Thursday 8/22 at 8PM
Seminars & Forums Fri, Sat, and Sun
Flea Market Hours: Fri 12-5, Sat 9-5, Sun 9-1
Exhibit Hall Hours: Sat 9-5, Sun 9-1

Editor:

Submit your story or pix to the CARA Capers

Input deadline: March 1.



CY2024 Membership Form (not valid after 12/31/24)

Name and Call:

--	--

Email and Cell Phone Number:

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Street Address:

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City, State and ZIP:

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License Class(E,A,G,T), ARRL Member(Y/N)? VE(Y/N)?

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Please mail check payable to CARA, Mail to 120 Fire Hill Road, Ridgefield, CT 06877

PayPal: paypal.me/CARADUES

Please scan form to: Treasurer@cararadioclub.org

Full Membership: licensed Hams over 16 years of age:	\$35
Additional Family Member:	\$15
Associate Membership: Licensed Ham under 16 years or non-ham:	\$20

CARA is a 501c3 entity, dues are NOT considered a donation.

CARA 2024 Budget

The treasurer was asked to prepare a budget for the 2024 calendar year. The proposed budget assumes a membership of 50 full members at the current dues rate of \$35.

<i>Item</i>	<i>Amount</i>	<i>Month</i>	<i># of Members Needed</i>	<i>Comments</i>
Liability Insurance	\$ 225	March	6.43	Must Have
EQ Insurance	\$ 300	March	8.57	Is this worth it??
PO Box 55	\$ 180	February	5.14	Eliminate this cost
DN CARARADIOCLUB.org	\$ 20	March	0.57	This domain supports Treasury Function
DN W1QI.org	\$ 20	August	0.57	We use this domain for Teams
SW CARARADIOCLUB.org	\$ 145	December	4.14	Eliminate this cost once GoDaddy Live
Website GoDaddy (NEW SPEND)	\$ 250	Monthly	7.14	
Meeting Venue Donation	\$ 200	November	5.71	Stony Hill FD/Ball Pond
PayPal fee, office supplies, postage	\$ 100	Ongoing	2.86	
Repeater Repairs Budget	\$ 300	Ongoing	8.57	Does not include new/replacement items
Total Costs	\$ 1,740			
Full membership dues \$35				
# of members needed to cover fixed costs	<u>50</u>		<u>50</u>	