



Capers

March- 2021



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, March 12

*This meeting will be conducted **via Microsoft TEAMS** Video Conferencing
Sign onto TEAMS at 7:00 for socializing and conversation*

Meeting begins at 7:30 p.m.

***Teams** conference invitation emailed to CARA membership.*



Meeting Presentation by:

Guest speaker:

Steve Szombathy - W7UDI from 100 Watts and a Wire podcast

Subject: Station Grounding and Bonding

President's Message – de W1NSK



It's the beginning of March already! I can certainly tell with temps into the teens and the wind howling! Hopefully all our antennas will not only stay up, but function during our New England Winter. A bit of good news: many of us have had at least one shot of the COVID vaccination or are close to getting one. In fact, many say that by summer, most will have been vaccinated and plenty available for those who have not! This is a long way of saying that a return to normalcy is on the horizon! Can you imagine a CARA Meeting at Stony Hill Firehouse again! But we are not there yet. Masks, social distancing, and CARA Teams Meetings are here for a bit longer. Stay safe everybody!

One thing you can sense from these times now that more folks are home, is a greater on-air participation in operating events such as QSO Parties, contests, and the like. Check the ARRL Website for one that appeals to you, then participate. Whether it be VHF or HF, CW or Phone - getting on the air is what this hobby is about. The CQ WW SSB WPX the weekend of March 20-21 is 48 hrs. where everybody works everybody else worldwide for points. It's a good contest for those new to HF and rookies. Each unique call sign prefix provides a unique multiplier (X # of contacts) to boost your score! Good time to work on awards such as DXCC, Worked All Zones, WPX, Worked All States, or that new DX contact from a place far away. During last month's ARRL DX CW Contest, I worked several new countries in the Middle East and Asia on 80 Meter CW, which gave me that thrill I first felt when I was 13 and a Novice in this hobby all over again!

Please join us for our Meeting on the 12th using MS Teams. If you haven't signed up for the FREE MS 365 Office Suite that comes with Club Membership, you can use the guest link to join in. Steve – W7UDI will be our guest speaker starting promptly at 7:30. We'll hold our business meeting with several important several issues to discuss including Field Day, our CARA Ham Fest and Club Equipment Insurance. A reminder; that if you haven't done so already, dues can be paid on our website using PayPal. Remember, your dues enable use of the CARA Reflector, a subscription to our Capers newsletter and support of our repeaters along with meeting other expenses.

I would also like to bring up something new: "The Presidents Challenge"! I'm asking every member of CARA to find one person, perspective Amateur or licensed to join our club. Maybe someone who has drifted away from the club and hasn't been around for a few years, a new person in town you found out was a ham, or a friend who never joined. Let's grow CARA ! Stay warm and safe! See you on the Air!

73, Bud – W1NSK, CARA President

March 12 - Meeting Agenda:

7:30 PM - Call to Order

Pledge of Allegiance

Presentation: Steve - W7UDI, Station Bonding and Grounding

Business Meeting:

Review and Acceptance of Minutes published in Capers

Treasurers Report

Committee Reports

Repeater: Spruce Mtn. Status.

Asset Committee: Insurance Coverage. Spruce and Club Equipment.

Field Day: Location issue. Participation Status?

2021 CARA Hamfest

Development Committee: Letter / Raffle

Program Committee: June and July

Old Business

MS Office 365 for Non-profits implementation: Sign ups & "TEAMS" Training.
More Needed?

Grant Monies

New Business

Face Book Page

Christmas Party Reservation

Islands on The Air Participation

CARA Calendar: Conflicts May 28th Memorial Day Weekend, December 24

Christmas Eve.

Fox Hunt

Announcements: Any?

Meeting adjournment

Vice- President's Message:
de W1JGM



Welcome to March, 2021. As they say, if March comes in like a lion it will go out like a lamb. So, it should be a beautiful spring. I can't think of anything right now that would make everyone happier.

I'm sure that this winter has been rough on the shack, cables, and antennas. So, with spring coming, there also will be plenty of outside work too.

To assist with that planning, our March 12 meeting will feature a presentation from W7UDI - Steve Szombathy. Steve is a Communication technician foreman for Puget Sound Energy in Washington state. Steve will be speaking about station set up, station grounding, and antennas.

Steve is a net control station for the Ham Nation post-program on Wednesday nights, and co-host of the **100 Watts and a Wire** Podcast. We're all looking forward to another interesting presentation.

As CARA Vice-President, one of my many club duties is chairman of the Membership Committee.

Your 2021 annual dues are now due.

If you still have not fulfilled your obligation, please make your payment by mail to: **CARA Treasurer, PO Box 55, Brookfield, CT 06804**, or by PayPal at **PAYPAL.ME/CARADUES** at the club's website: www.cararadioclub.org Please don't choose a "payment" tab for the purchase of goods or services. Also, include your callsign in the **Note** section. 2021 Rates are \$30 per year; Students and Seniors 65 and over are \$15 per year.

Your payment supports the expenses for operating CARA, especially since we were unable to hold our annual hamfest last year, and it's the primary source of club income. Your dues payment will continue use of the CARA Reflector, an annual subscription to the informative CARA Capers monthly newsletter, and support of the CARA repeater system.

Our 2021 Western Connecticut Hamfest is in the works. We anticipate that by the end of August that we'll be able to hold our hamfest, so we're moving forward with that premise.

Just a reminder, the club still has back-up batteries for sale. See the detailed information in this issue of Capers. Don't let them slip away.

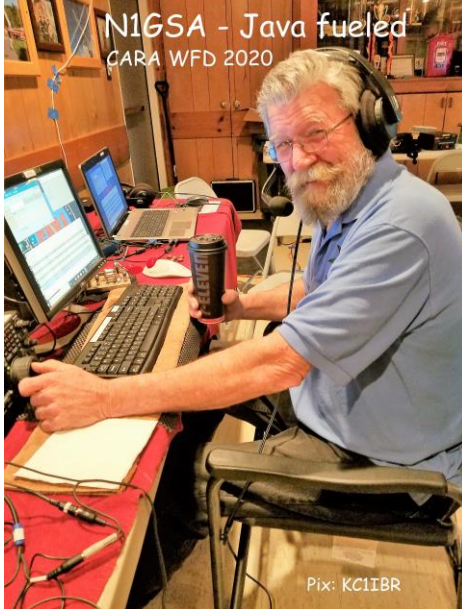
If you have any questions or concerns, contact me or any club officer.

Stay safe and get on the radio. The original social distancing!

73, John G. Morelli - W1JGM

Vice President - Candlewood Amateur Radio Association
Chairman; Western Connecticut Hamfest

February 12 Monthly Meeting Minutes de N1GSA



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

Pledge of Allegiance was recited.

We held off the regular meeting until after a presentation by AB1OC Fred Kemmerer about working the International Space Station. There are only about 80 school contacts made per year worldwide. He explained that there are 3 basic ways that these are made. Direct, with radio equipment on the school site. Telebridge, via a telephone hookup to a remote ground station. Multipoint Internet via an internet conference with participants at home or socially distanced.

For the application to be selected successfully there must be integrated school curriculum, involving multiple grade levels, and engage other schools in the district. There is quite often TV coverage, local newspaper articles and Social media plans.

Fred had several videos. One showing part of a contact segment from a school in NH and another

with audio from Maine thru a telebridge radio in Europe. In the age of COVID many modifications needed to be made to continue making contact sessions. A video showing his personal home station and some of its equipment and computer tracking software was very interesting.

He finished his presentation with a quick overview of how his club focused on growing. This club went from 35 members to over 350 in less than 10 years. They usually get on average 2 new applications per WEEK. This club runs 6 training sessions per year across all 3 licenses. They also have both a regular meeting and a Tech Night each month.

There were 18 people present.

Formal meeting began at 9:10.

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

Treasurer reported an opening balance of \$5285.47 and an ending balance of \$5279.09. There have been 27 who have paid current dues.

Gregory reported nothing new at this time regarding the Repeaters. They are working well at this time. The 4 batteries are on the hill and are setup for backup.

The remaining 8 batteries are available for sale at a cost of \$100 each.

The transition to Microsoft Teams is fairly successful. There are still many who need to setup their Teams license for full functionality.

Dave brought up about a letter that he has developed that may be sent out to amateurs in the area to ask for membership in our Club. Now the challenge is to decide how large the area

needs to be to send these. If using a 3-part letter, envelope, and return envelope this could be \$1.50 for postage on each. He will have a copy to look at for the next meeting. We will also need to decide the area to be covered. There could also be a Q Code that could be used by the recipient's cellphone that would directly link to our Club Website.

There are programs set for the next couple months as informative sessions to our meetings. Field Day is still a big question mark at this point. Tarrywile Park will NOT be available for our use. There is still discussion regarding the rules from ARRL. With the increase of COVID vaccinations available it is possible that there may be some relaxation of these. Time will tell.

The Hamfest is usually held the last weekend of August. There are, at this point, no registered Hamfests on the ARRL site. We also need to check with the Edmund Town Hall to see if the venue will even be available.

The Website was the next topic of discussion. Charlie, Dan, John, and Jennifer met today and went over what new ideas need to be implemented. This was the first overview and will be followed up in the near future. Connor has offered to help with updating and refreshing this as well. This could also include a better presence on Social Media. Facebook, Twitter, and YouTube.

Dan commented that the new brochure was printed on the latest CAPERS. This should be reviewed by all and comments made.

Meeting adjourned at 10:05.

Respectfully Submitted:
Gary S. Adams - N1GSA, Secretary

February 26 Monthly Planning Meeting Minutes

de N1GSA

Meeting opened at 7:40pm by Pres. Bud Kozloff.

Pledge of Allegiance was recited.

There were 10 people attending.

Oscar Fuller spoke about the release of the MCV (Mobile Communication Vehicle) from being housed in Danbury. There has not been a decision as to the new home.

He also spoke about the renovation of the EOC at Danbury City Hall. The new room will be across the hall where Paul Estefan's office was formally. This is due to renovations that are ongoing. The new cabling and hookup will be done in the next week or two.

Regarding Field Day, Tarrywile Park, which has been used in the past will NOT be available this year. The Matrix Center will be a possibility. This needs to be checked as to how well it will meet our needs. He has spoken to the people of Matrix and they will need to be notified if we are interested. Connor has mentioned that he could check availability of a site in Newtown. This is all dependent on the State regulations, local regulations, and our own comfort level. We will need to discuss and vote on this at our next meeting.

Revision of the W1QI QSL cards. We could use a mailing label to update these. Gary has an excess of labels that he will donate. Dan will work on a format to print the labels.

Website Committee is working on the updates. There needs to be an update regarding our swag from Café Press.

Standing Committees – Fundraising – We will ask Dave for an update at the next meeting. This should be added as an agenda item. We should

generate a proposal to present to anyone that we approach for donations.

We will need on the March agenda to have a

motion and vote to sponsor the Plaque for the NAQP. We have done this for many years.

Bud has been in contact with Jennifer Pool that we have not forgotten her and will be moving forward as soon as the weather breaks. This is regarding the removal of the rooftop antennas.

John has not heard any communication from Edmund Town Hall about availability for our Hamfest. This is traditionally the end of August. He will continue to move forward with preparations.

Gregory reported about the Repeaters. He has submitted a proposal about our equipment that is located in 3 different locations as well as the serial numbers and costs. This is for submittal to insurance policies for this equipment. More information needs to be asked for regarding insurance for parts, material and labor or strictly parts and material. These are questions that need to be asked. There needs to be a meeting of the Executive Committee and directors to determine what should actually be included. This will be Thurs March 2nd at 7pm on Teams. Dan inquired if the equipment at Bethel EOC and the recently donated equipment is included in the proposal for insurance policies.

There are many presenters lined up for the next 3 months regular meeting programs. There are a couple more tentative lined up.

Meeting closed at 9:00pm.

Respectfully Submitted:
Gary S. Adams - N1GSA, Secretary

Amazon Smile opportunity:

From Charles Setaro – KC1IBR, CARA Treasurer



Remember, we've set up a great way to earn a little extra funding support for the club.

All that's involved is recommending that our members, family and friends can help support CARA by shopping at Amazon.com : smile.amazon and designate CARA (Candlewood Amateur Radio Association) as their charitable organization.

Clicking on the link:

<http://smile.amazon.com/ch/26-2451911> will preselect CARA as the charity of choice for your Amazon shopping trip. CARA is a 501 (c) (3) non-profit.

Our website homepage also has the following links:

Consider Supporting CARA we are a 501(c)(3) non-profit . Your purchases here at www.amazon.com/smile will help support CARA. Help support CARA, Click link to shop <http://smile.amazon.com/ch/26-2451911>

Amazon states:

"Shop at smile.amazon.com and we'll donate to your favorite charitable organization, at no cost to you"

Doesn't get any better than that... a no-cost way to contribute to CARA!

Last Month's program:
Fred Kemmerer – AB1OC
de W1QK

At our February 12 CARA meeting, we hosted Fred Kemmerer – AB1OC, President of the **Nashua Area Radio Society**. He explained ARISS contacts that were made with the International Space Station and details about how arrangements are made to be part of that exciting program.



Fred also shared information about how their club was recognized as the **Dayton Hamvention 2019 Club of the Year** for their many efforts in promoting amateur radio.



This Month's program:



Source: <https://100wattsandawire.com/>

"100 Watts and a Wire is not a literal representation of the show or our community.

Everyone is welcome. It's about getting back to our roots and celebrating the things that brought us to radio in the first place. 100 Watts and a Wire is a ham radio talk show that reflects the intersection of life and amateur radio. The community represents the diversity of our collective interests. Although we come from different places, radio provides us an opportunity to connect, communicate, share ideas and help others. To me, that is the spirit of 100 Watts and a Wire."

- Christian Cudnik, K0STH



I am Christian, K0STH. Join me at the intersection of life and ham radio. Together we'll explore this great hobby and public service. This ham radio talk show was originally launched as an audio podcast on June 22, 2015. Today, you can see the show! It features topical conversation, interviews and ham radio news. Please subscribe to the YouTube channel. The link is below. Don't forget to click the bell for notifications. You can listen anytime by subscribing wherever you get podcasts.

Website: <http://100wattsandawire.com>

YouTube Channel:
<https://www.youtube.com/c/100WattsandaWire>

Facebook:

<https://www.facebook.com/groups/100wattsandawire>

Twitter: <https://twitter.com/k0sth>

Patreon:

<https://www.patreon.com/100wattsandawire>

Since 1976, I stayed active with the hobby, spent many hours building/maintaining linked repeaters both in California and here in Washington. During that time, I also stayed very active with HF building and operating.

73, Steve - W7UDI

Meeting Presentation by Guest speaker:

Steve Szombathy - W7UDI from 100 Watts and a Wire podcast

Subjects: Station Grounding and Bonding

I became licensed in 1976 as a junior in high school along with encouragement from my electronics instructor. We built a simple HF station, along with a 40/80 meter inverted vee. We would operate during our lunch periods. I became very active with our local college radio club while attending and working on my electronics degree. While attending school, I worked at a local airport avionics shop installing/repairing radio.

After school in 1982, I become a Communications Tech with Southern California Edison, and spent close to 14 years with SCE before relocating to the Washington state. I am currently a Communications Tech Forman with Puget Sound Energy.

I became involved with *Ham Nation as an after-show net host along with Bill- K5LN on 20 meters.* In 2015 I met Christian -K0STH, at Dayton while we were doing the Ham Nation show before the start of Hamvention. In the summer of 2015, was the start of the 100 Watts and a Wire podcast.

I became a net control station of the Sunday night HF net for 100 Watts and a Wire. And in 2020, the podcast moved to YouTube streaming.



W7UDI  USA
STEVEN SZOMBATHY



Connecticut Phone Net – CPN

Starting March 1, this net starts at 5:15 pm Monday through Saturday. **3.973 MHz., until March DST change on March 14, then 6:00 pm after that.** Sunday: 10:00 a.m. 3.965 MHz.

CARA Contributions:

Tom Coury, WX1T: CPN manager
Wednesday Net control: Harlan, W1QH



Weekly CARA Sunday club NETS:
 28.490 MHz. USB 7:00 pm – 7:30 pm
 W1QI 2M FM Repeater – 7:30 pm

**Worked All Connecticut Counties Award,
 WACC – Sponsored by CARA:**

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



Upcoming Contests, Hamfests & Meetings:

- Mar. 12: CARA Monthly meeting **via Teams**
- Mar. 13: Oklahoma, Idaho QSO Parties, Stew Perry 160 Top Band Distance Challenge contest
- Mar 14: Wisconsin QSO Party
- Mar. 19-21: BARTG HF RTTY contest
- Mar. 26: CARA Monthly planning meeting **via Teams**
- Mar. 26-28: CQWW WPX SSB contest
- Mar. 10, 17, 24, 31 CWOps CWT Minitest
 Regular Sessions - 1300Z, 1900Z, 0300Z
 Thursday

Mar. 31: April, 2021 Capers input deadline

Complete Contest calendar at:

<http://www.hornucopia.com/contestcal/contestcal.html>

New England and other local hamfests:

<http://web.mit.edu/w1gsl/Public/ne-fleas>

Upcoming CARA Calendar:

- Mar. 12: CARA March monthly meeting video conference **via Teams**
- Mar. 26: CARA March monthly planning meeting **via Teams**

March 31: April, 2021 Capers input deadline

2021 Ham Exam Schedule



Upcoming 2021 Amateur radio exams:

Hi everyone,

Hope you are all doing well.

I was just informed that the Stony Hill Firehouse in Bethel, CT will not be available to outside groups through the end of 2020. As a result, I have cancelled our testing session on 12/5/2020.

If and when the firehouse becomes available, I will come up with a testing schedule and e-mail it to you.

As an alternative, if there is interest I may periodically offer testing sessions in Woodbury, CT if I can get access to the Woodbury Firehouse (through Glen - W1GHD).

Thanks and 73, Jon - AJ1U

Wallingford CT 06492-2327

EXAM SESSION
03/13/2021

Sponsor: Meriden Amateur Radio Club
Date: Mar 13 2021
Time: 9:00 AM (Walk-ins allowed)
Contact: Donald G. Mitchell
(203) 239-2077
Email: dmitchell1273@sbcglobal.net
VEC: ARRL/VEC
Location: Hope Hill Firehouse
29 North Plains Hwy
Pre-Registration Preferred
Wallingford CT 06492-2327



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/>

Source: YCCC Reflector with credit to all contributors
– Editor

Re: Little pistol seeks advice

From: Chuck W1HIS

Date: Wed, 24 Feb 2021 16:43:40 EST

Wow! Ever since I joined the YCCC (in 2003), I have thought that this Club's greatest strength is in the way its most expert members so generously teach the art and science of contesting (a broad range of topics) to the Club's newbies.

I guess I'm a slow learner, because even after 17 or 18 years in the YCCC, I remain a newbie, painfully ignorant and unskilled in comparison with the YCCC's experts. Now I

appreciate their patience as well as their generosity and expertise.

Last night I asked, via the YCCC's e-mail reflector, how to improve my running game, in particular, how to improve my ability to extract one callsign from a pile-up. The amount of good, thoughtful, insightful, and actionable advice that the YCCC's most expert testers posted to the reflector has been amazing.

To help myself remember and absorb it all, I summarized this advice in a numbered list of ten points. Hoping that others will find it convenient to have all ten points listed in one place, I'm copying my list below. I numbered the list for convenience of reference. My numbers do not indicate any priority or precedence. It was impractical to include every point made by anyone; but I tried to include every point that several persons had made.

I thank (in chronological order) K1EP, K5ZD, W6PH, K1IR, W1JQ, W1FV, WA1BXY, K1ZZ, KA1IS, W1CTN, K8CN, and the many members who contributed to the earlier thread named "Zero Beat Pileups," for their advice. If I missed something important or I misrepresented something, please say so.

I apologize for including a few suggestions for S&P'ing in this list of suggestions for running. They seemed relevant.

Tnx es 73 de Chuck W1HIS

HOW TO IMPROVE ONE'S RUNNING GAME

1. Avoid the most-dense, central part of a pile-up.

1.1. To answer a CQ, match the running station's speed and call above or below its frequency by 30 to 70 Hz. I think I sensed a weak preference for calling at a lower radio frequency when working the high bands (for which most ops receive

USB), and for calling at a higher radio freq. when working the low bands (for which most ops receive LSB).

1.2. When listening for answers to your own CQ, listen to the skirts of the pile-up, in other words the tails of the distribution. To do requires using the widest filter bandwidth that QRM permits. Copy a signal that's in the clear, so you can copy the entire call the first time and send it with your exchange a.s.a.p. This signal may be far from the strongest one.

2. Listen to a bandwidth of the order of
2.1. 150 Hz while S&P'ing;

2.2. 300 to 400 Hz while running (Use your ears to sort the signals. Rock the RIT knob to see what's farther out.); and

2.3. 500 to 600 Hz while turning the big knob to sweep a band for signals.

2.4. In general, listen to the widest bandwidth that circumstances permit.

3. While running, John W1FV prefers a narrower RX BW, of 200 to 250 Hz; and he "tunes a lot" so he doesn't miss farther-off-frequency callers. If his pile-up is big, he tunes to its edges to find a caller in the clear. He responds to the most clear call.

4. There was almost unanimous agreement that a lower received-audio center frequency (usually the same as a transceiver's sidetone frequency) is better because it causes the received bandwidth to span more audio octaves; and the spectral or "pitch" resolution of human hearing is approximately uniform in $\log(f)$, not in f . Several YCCers recommended a center-frequency of 300 Hz. A couple liked 400 Hz.

However, it was pointed out that some of us have tinnitus and some of us have

notches in our aural frequency response; and these issues may dictate different received-audio center frequencies.

It was pointed out also that commercial radiotelegraphers were taught to change "BFO" frequency periodically, to reduce fatigue.

5. By turning off RX AGC and riding the RF gain control, one can better distinguish the strongest signal. (I dunno whether this distinction is useful as often as the alternative of distinguishing a signal by frequency in the sparsely populated "tails" of a pile-up.)

6. One should practice and learn to copy Morse in the clear (without QRM, QRN, QSB) at a speed greater than one usually hears in a contest, so that less of one's brain-power is consumed just by decoding, so that running is not very fatiguing. Being able to copy 40 WPM in the clear is substantially better than 30 WPM; and top contesters can copy 50 WPM.

7. Running is a skill like any other. One must practice it to improve it.

8. QSYing by more than 1 kHz will leave your pile-up behind, and it'll take a while for another one to build up, so you may suffer a net loss of QSOs. If you need to get away from a strong station on an adjacent frequency, try moving by 10 or 20 Hz at a time, after every QSO or every few QSOs. In time, your spots will follow you. Meanwhile, your frequency-creep may spread your pile-up.

Another way to spread your pile-up is to run not on a whole-number multiple of 100 Hz, but midway between such multiples, so that half your spots give each frequency.

9. Remember that, only by running, can you work the stations that never run. (Do they amount to more than half of the stations participating in a contest?!)

10. Trying consciously to relax, or to "chill"; remembering that contesting is just a hobby; and remembering that the goal is to have fun, were suggested and applauded.

Re: Little pistol seeks advice

From: Dave Sumner

Date: Wed, 24 Feb 2021 17:20:41 EST

Chuck, thanks for your very useful summary. One minor point on 1.1: I don't think the SSB convention of LSB on the lower bands and USB on the upper ones influences CW operation. In every radio I've ever used CW and REVERSE CW are the same on all bands. (That might not be true of really old gear.)

The answer to your question in #9 is that there are far more stations doing S&P most of the time than are trying to run, which is fortunate because there's not enough room for all of them to be running. In a major DX contest you're going to start running out of S&P opportunities after maybe 300 Qs per band, whereas the number available if you're running depends mainly on how loud you are and could easily be several times that many.

73,
Dave K1ZZ

Re: Little pistol seeks advice

From: George Harlem

Date: Wed, 24 Feb 2021 18:01:16 EST

All good stuff. One point that has not been touched on: typing prowess. I often facetiously say that touch typing was the most important subject I took in high school :-). But a search-and-pounce typist is wasting fractional seconds at the keyboard, allowing impatient callers to call again, QRM'ing the station you're calling, making it likely you'll have to repeat, further slowing everything down. I suppose a tool like Morse Runner can help improve typing prowess as well as copying callers in a pileup.

George VA2EBI

Re: Little pistol seeks advice

From: Mpridesti

Date: Wed, 24 Feb 2021 18:14:37 EST

Great point George

I find the challenge to be: ideally the entire call entered (or partial) in the entry window and responding to that station BEFORE he calls again. So not only does one

need to just practice pileup management with things like Morse Runner but also keyboarding skills cut any hesitation time that makes the calling station(s) dump their call in again, causing that slow down and break in the rhythm.

Regards, Mark, K1RX

Re: Little pistol seeks advice

From: John Kaufmann

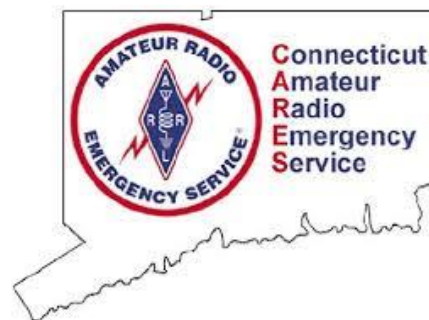
Date: Wed, 24 Feb 2021 18:48:21 EST

An additional comment about keyboard entry: at high run rates I'm always catching up in entering callsigns on the keyboard. Once I have somebody, I don't wait to finish typing in a full callsign before starting to let the logging program send its programmed exchange. I want close to zero lag between when the other station stops sending and when I start sending. However, you must finish the callsign entry before the programmed exchange finishes.

Another trick I use when running is to visualize a station's callsign in my head as he is sending. In effect I'm putting his callsign into my memory so I can transfer it from memory to the keyboard when I get behind in keyboard entry. I will even say his callsign to myself to reinforce it in my memory. However, the "half-life" of my memory is pretty short so it's important to get the call logged as quickly as possible. Many of the calls I'm logging are familiar ones so it's not as hard as it sounds, but it does take practice to be able to do this when you are flying along.

And finally, when trying to dig a very weak signal out of the noise or when working a big pileup, I will sometimes close my eyes and focus entirely on the audio I'm hearing. It seems that shutting out visual input from the eyes allows the brain to focus more on auditory input. It works for me.

73, John W1FV

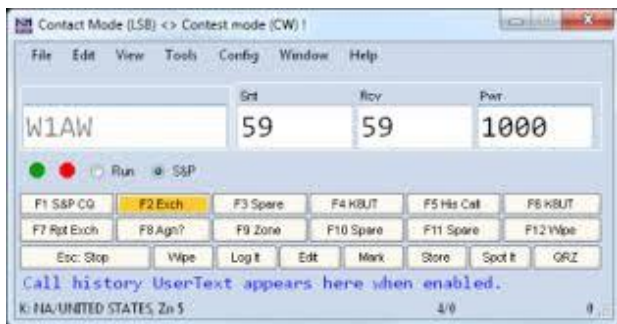


Next CT ARES Winlink Wednesday:

Wednesday, April 7



N1MM Logger 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. The program's features are continually changing.



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

Rich, VE3KI, N1MM Logger+ team member, recently [posted practical advice on how to use the popular logging software in a networked configuration.](#)

Nuggets of networking wisdom include how to use in a VPN configuration when not all computers may be connected to a radio, and which stations should and shouldn't be connected to other services like online scoreboards.

Robert ZB2TT Feb 24
Hello,

I have only just joined this forum, had a quick search and could not see if this topic had been mentioned before. My apologies if I am repeating a topic.

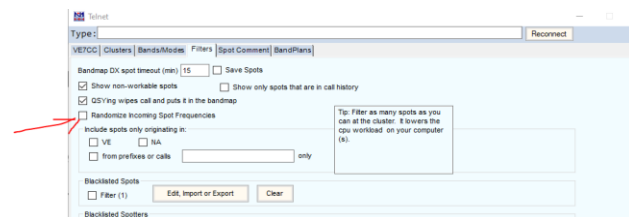
During my recent CW contest activity, I have been plagued by zero beat callers, two or more callers with similar signal strength on exactly the same frequency, this results in garbled CW. I believe this comes about as many people just click on my callsign in the multiplier window and call away, normal behavior.

My suggestion: Would it be possible for the software to input a random small frequency offset when using cluster/rbn spots to tune the rig? I believe this would be beneficial to everyone, the mult and those wanting to work the mult.

73 DE ZB2TT / M0TTT / AA3TT

A standard feature of N1MM Logger, Bob.

George - VA2EBI



VE9AA – Mike Feb 24

Hi Robert,

Thanks for the contact(s) this past w/e, and always. As George says it is incorporated, however not everyone uses N1MM or is aware of this box. Outside of N1MM, something I am promoting (passively, really) is sending this to your zero-beat pileup.... "QZB" which means, "you're all zero beat, pse use ur XIT"

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.



Editor: [Brian Moran, N9ADG](#) March 3, 2021

NEWS, PRESS RELEASES, AND GENERAL INTEREST

Tree, N6TR, has posted the 2021 dates for the four Stew Perry 160 meter contests. This year's "Main Stew" in December will occur one week earlier than normal, on 12/18, to avoid a conflict with 12/25. The dates are as follows: March 13, June 19, October 23, and December 18.

The CQ WPX SSB Contest is coming up on the March 27 weekend. You can find some excellent pointers on strategy and how to maximize your score by reading the CQ WPX RTTY Contest (completed) pointers in the Northern California Contest Club's February JUG. David, WD6T, starts off with location, location, location, then heads into antennas, pointing out that contacts on 160 through 40 meters are worth double those on the higher bands. Then, strategy. Prefixes are the multipliers, so if you have a unique one, or access to a unique one, use it! He also points out that part-time testers could maximize their contribution by throwing in with a distributed multi-multi effort. David points out that knowing the rules, and the changes in the rules, is important, and should influence where you point your antennas and what bands you are on to maximize QSO values.

N1MM Logger+ added a new feature that will be of interest to Sprint contest participants: "Silent" macros that can be included in messages to automatically change the operating frequency after a QSO. Here's the description of the feature added in version 1.0.8990 and later by N2IC: "Added {FREQU} and {FREQDN} macros. These are used after an {END} macro to shift the active radio frequency by the frequency increment in the Configurer->Other tab. Useful in Sprint-like contests to automatically change the frequency after a QSO, as required by the rules." The North American Sprint, RTTY on March 13 would be a fine time to try this out!

WORD TO THE WISE

BIC, B-I-C.

"Butt In Chair" radio contests have a defined start time and end time. If an operator is not at the radio and making contacts, they're losing points. "I didn't do as well in the contest as last year - too many weekend distractions, not enough B-I-C."

SIGHTS AND SOUNDS

Randy, K5ZD, presented "[Tips on How to Be a Better Contester](#)" as part of [HAM-CON](#), the

Vermont Ham Radio Convention. More HAM-CON videos can be found [here](#).

The [QSO Today Virtual Ham Expo](#) on March 12 - 14 includes a number of contest-relevant presentations, including:

[Check out the website](#) for more information and the schedule of this event that starts at 1800 PST on March 12.

Raw scores for the 2021 CQ 160 Meter CW Contest have been posted. These are the scores before any log checking.

OPERATING TIP

Grounding and Bonding

According to Ward, N0AX, the "best time to do grounding and bonding work is before any equipment is installed." Starting with a clean slate, it's easier to define your protective zones and ensure all of your gear is within them.

TECHNICAL TOPICS AND INFORMATION

Gary, NA6O, tackled some RFI issues he had with Uninterruptible Power Supplies (UPSs) at his remote location. He found that both normal-mode noise and common-mode noise were being generated, which required different strategies to solve. You can read about it in the February 2021

CONVERSATION

Demographics and Dormancy

Frank's, K4FMH blog post "Lemmings Over A Demographic Cliff?" is a follow-up to his two-part series in the July/August and September/October 2020 National Contest Journal (NCJ) entitled "The Demographics of Contesting." Frank's observations include that the data show radio contesters are older than the average ARRL member. Taking into account information from the Bureau of Labor and Statistics on Leisure Time Use, he opines that this should be expected: "Leisure pursuits are highest

during youth and young adulthood but dramatically taper off about ages 25-34 until age 55 and over. This hollowing out of leisure and sport time is a predictable outcome of competing and more important activities."

We should just expect during the course of someone's life they will not have a consistent level of involvement with the amateur radio hobby. Such an expectation makes it even more important that the early impression of the hobby one may get through a school activity, social organization, radio club, and so on be relevant, memorable, favorable, and pave the way for a return after a period of dormancy.

Frank argues that the format of the major radio contests may serve the leisure interests of established contesters -- those on the other end of the demographic spectrum from the beginners. They may not provide the best experience for radio contesting beginners. He might have something there: To be able to compete at a high level in a major contest as a single operator requires time, equipment, and skill that are probably beyond many in the "caterpillar" stage. Most school-age operators don't have the time for the all-important B-I-C on weekends. Those fortunate to be able to join seasoned teams of multi-operators at well-equipped stations have a different contesting experience than those plugging away solo. With the opportunity for mentorship, camaraderie of a group effort, and a chance to be part of something bigger, they'll be more likely to emerge from their expected dormancy period as a contest butterfly



STRAYS...



- A function indicator for the Multi-function dial is added.

[Other changes]

- A Front Key Customization function that can change the function of [VOX/BK-IN], [AUTOTUNE], [Δ], and [▽] is added.

- A MIC Key Customization function that can change the function of [UP] and [DOWN] is added.

- The Band Stacking Register window is added.

- While operating in the Data mode, the receive tone control is deactivated.

- The default setting of the CI-V USB Port is changed to "Unlink from [REMOTE]."

Refer to [INFORMATION IC-7300 Version 1.40](#) for details.

The Scroll mode for the RS-BA1 Version 2 software will be added to Version 2.30.

7300 Firmware Update

Roger Mitchell <roger.mitchell@snet.net>

Fri, Feb 26 at 11:42 AM

I found this additional information in the reflector.

Changes from Version 1.30

[Spectrum scope is improved]

- A Scroll mode that can seamlessly change the displaying scope range, depending on the operating frequency, is added.

- A popup screen that displays when SPAN or EDGE change is added.

- The number of FIX EDGE memories is expanded to 4.

- Each band independently memorizes the Reference level.

- Improved the Scope function of the RS-BA1.

[Preset function is added for FT8 operation]

- A Preset function that can set each operation is added.

[Multi-function dial is enhanced]

- A Multi-function dial now works as a memory channel selector in the Memory mode.

- A Multi-function Menus Customization function is added.



Information for all Brookfield parks and open spaces can be found on the Brookfield Town Website by clicking here:

<https://www.brookfieldct.gov/parks-recreation/pages/parks-facilities>

Environmental Education Sky-Orienteering at Happy Landings

Have you ever wanted to learn more about the stars? Do you try to pick out constellations when you're outside at night? This program will help you learn the basics of sky-orienteeing and the constellations, bright stars and planets that are visible with the naked eye. Join us at Happy Landings each month, weather depending, and gain some perspective on our planet's home amongst the solar system and the Milky Way Galaxy. Participants should bring a flashlight and feel comfortable with light walking in the dark. This event is for the whole family! The program will be socially distant and participants should

wear a mask. These programs are led by star volunteers from the McCarthy Observatory in New Milford, CT. **Registration is required.** Time: 7:00 – 7:30pm February: 2/12 March: 3/12 **April: 4/9** Place: Happy Landings, 55 Whisconier Rd. Brookfield.

Family Field Days Cabin fever setting in?

We have got you covered! We all need to stay active and engaged throughout the year. The lights will be on at Cadigan Park select evenings this winter and Brookfield families are invited to use the turf. Attendees must remain with their households and comply with current guidelines regarding mask use and social distancing. Bring the football for a catch or kick around the soccer ball to get the blood flowing. No organized practices or private lessons. No golf or dogs. Please note that field conditions may vary due to weather and precipitation. Lights will remain off in case of snow cover on fields and/or rain. Schedule below is subject to change. **Day: Tuesday Date: 2/2 – 3/9 (5 wks) Time: 5:00 – 6:30pm Fee: FREE** Place: Cadigan Park, 500 Candlewood Lake Rd. Brookfield.

Still River Greenway 65 Silvermine Rd.

The Still River Greenway is open year round to walkers. Access to this trail is also available at Brookfield Town Hall and the Four Corners section of town. The path is not maintained in the winter and users should exercise caution. Masks must be worn while using the greenway. Dogs are allowed and must be leashed.

Williams Park/Gurski Farm 185 Whisconier Rd.

The Williams Park and Gurski Farm properties are open for hiking, snow shoeing, and cross country skiing. The Williams Park lot is cleared after snow storms. The Gurski Farm entrance at 28 Obtuse Hill Rd. is roped off for winter however limited parking is available before the gate.

Happy Landings 55 Whisconier Rd.

Happy Landings is open for passive recreation including hiking, snowshoeing, and cross country skiing. The parking lot is plowed after snow storms. A great spot to walk the dogs year round! A leash is required.

Kids Kingdom and Town Hall 100 Pocono Rd.

Kids Kingdom Playground remains open year round. Seasonal restrooms are currently closed for the season and **will re-open in mid-April 2021.**

Cadigan Park 500 Candlewood Lake Rd.

Seasonal restrooms and tennis courts are closed for the season and **will reopen in mid-April 2021.** Basketball courts are currently closed due to COVID restrictions.

Coming next month: “CW’s Corner”. Stay tuned.

de W1QK: Submit your “Strays” to the CARA Capers.



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, DXing, traffic handling, or engaging in conversations

Looking for some CW contesting practice? Check out this new event:

[K1USN Slow Speed Test](#), Sunday nights; 0000z to 0100z; CW; Bands: 160, 80, 40, 20m; Maximum 20 wpm, Name + (state/province/country)



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.

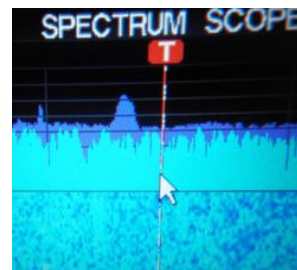
Free of charge to ARRL members...

- [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!](#)



Approaches to Tackle Noise Problems Vary, Remedies Elusive

RF noise is a frequent discussion topic among radio amateurs. A proliferation of electronics has cluttered and complicated the noise environment; it's not just power lines anymore. Unless isolated from civilization, most hams experience RF interference (RFI) and spectrum scopes on modern transceivers can make it much more apparent.



Various approaches to address the apparently worsening noise floor have been taken around the world, some addressing lax regulation.

"We all want to enhance our ability to copy the weak ones by increasing our signal-to-noise ratio," Alan Higbie, K0AV, said in his March/April *NCJ* article, "Tracking RFI with an SDR One Source at a Time." He suggests practical methods for individual radio

amateurs to improve their own noise environment. "We can do that by reducing the noise on each band that we operate. Lowering the noise floor increases the relative strength of weak signals. Those who live in typical residential environments find that locating and eliminating RFI sources is a never-ending process. It is much like weeding a garden."

ARRL Podcasts Schedule



The latest episode of the *On the Air* podcast (Episode 14) takes a deeper dive into the subject of HF antenna tuners, including some shopping tips.

The latest edition of *Eclectic Tech* (Episode 28) features a discussion on grabbing NOAA weather satellite images at 137 MHz and a chat with Nigel Vander Houwen, K7NVH, about how he has combined rockets and high-altitude ballooning with amateur radio.



The *On the Air* and *Eclectic Tech* podcasts are sponsored by Icom. Both podcasts are available on iTunes (iOS) and Stitcher (Android), as well as on Blubrry -- [On the Air](#) | [Eclectic Tech](#).

Amateur Radio in the News

ARRL Public Information Officers, Coordinators, and many other member-volunteers help keep amateur radio and ARRL [in the news](#).

- [Estes Park Elementary School Students Speak with Astronaut Aboard ISS](#) -- *Yahoo News*, February 28, 2021
- [Craig Fugate on Twitter: @Wired Also Points Out the Role Amateur Radio Can](#)

[Play in Disasters](#) -- Twitter, February 22, 2021

- [Amateur Radio Operators Help Fill Earthquake Donut Holes](#) -- *Eos Magazine*, February 22, 2021
- [Over Neighbors' Objections, Shelburne Operator Gets the Green Light for Ham Radio Towers](#) -- *Burlington Free Press* (Vermont), February 19, 2021
- [Amateur Radio Users Want to Be of Service When Modern Technology Fails](#) -- *Nashville Scene* (Tennessee), February 18, 2021



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 a pix of your station, antennas, mobile installation, etc. and send it in!

Greetings HAMs (and those who enjoy reading CAPERS!)

My name is Connor – KC1OKJ. I am a General amateur but an Extra nerd (I'll pause for groans)my interest in radio started less than 60 days ago when I made the wonderful decision to sign up for a Technician Class hosted by New England Sci. Tech's founder Bob Phinney (**K5TEC**) whose passion for radio made me more interested in the many facets of Amateur Radio, I found that my background in Computer Science and Electrical Engineering helped me a lot in understanding the concepts that the Tech. exam quizzed us on, and in less than a week of signing up I passed Tech with a near perfect score.

What made me enjoy radio was the community – funny how a hobby focused around speaking to people has a wonderful community? – when I attended my first CARA meeting, I was treated not like a new person but as if we were old friends, and especially now during COVID-19, I really appreciated that.

John (**W1JGM**) encouraged me to take my General license, and after doing some research on the content, I signed up for an exam-class and much like Tech. I passed!

In the weeks since I took my Technician exam I got appointed as a Technical Specialist for Connecticut and have become an ARRL Instructor to help encourage others to join this amazing community. My goal for both CARA and the general radio community is to introduce a younger audience to Amateur Radio and help them to find how amazing being a HAM can be.

When not on the airwaves, I am often found behind a computer screen in some capacity, I have been studying computer science almost my entire life and have shifted focus to information security and understanding how to keep information secure. I am also fascinated by the stock market; I find the data and logic behind stock prices to be extremely interesting, my goal is to develop methods for secure computerized market transactions.

With that being said, I hope to see – or hear – you all on the Airwaves.

73, Connor Matthews – KC1OKJ



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 list to w1qk@snet.net for placement in the CARA Capers.

Quantity	Item	Price each
1	IC-706 Mk II G	\$600
1	Ameritron SDA-100 Screwdriver Antenna	\$400
1	West Mountain Radio TARGETuner	\$120
1	440 Cushcraft Ringo Ranger	\$50

1 Camp Chair \$25
1 ICOM IC-756 Pro III Transceiver \$800

1 Go-Kit with following Equipment \$1,200
ICOM IC-7000 Transceiver, LDG IT-100,
Yaesu FT-8900, Kantronics KPC-3+,
West Mountain Powergate, West Mountain
Rigrunner

Contact: Roger – NG1R; 203- 241-0478 or
roger.mitchell@snet.net



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

Executive Board:

President – Bud Kozloff, W1NSK
w1nsk@hotmail.com
Vice President – John Morelli, W1JGM
w1jgm@aol.com
Secretary – Gary Adams, N1GSA
Mrclipper69@yahoo.com
Treasurer – Charles Setaro, KC1IBR
cjset@att.net

Directors:

Harlan Ford, W1QH - hford01@snet.net
Roger Mitchell, NG1R – roger.mitchell@snet.net
David Coelho, WA1JGA – davidcoelho@gmail.com

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

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



A brief word from our editor...

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

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

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

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

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

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.

Courtesy of: The Mahoning Valley Amateur Radio Association's Award-Winning monthly newsletter: "Voice Coil" <http://www.mvara.org/News/Current.pdf>

CARA Standing Committees:

Last Updated: January 3, 2021 by the CARA Executive Committee

Just a reminder to all members that these are the standing committees that help make CARA run and fun.

Our members and their ideas are our strength.

Please step forward to serve your club with one of these committees. You'll notice that several CARA members serve on multiple committees.

Talk to any member of the Executive Committee or Director to volunteer!

We're hoping to see your name on at least one of these important committees.

CARA Repeater and Digital Equipment:

Repeater coordination
Repeater maintenance
Other digital equipment

Chairman: Gregory Davis – WR1Z

Committee Members:

John Morelli – W1JGM

Marcus Swearingen – AB1WV

Vincent Tompkins – N2OHH

Charles Setaro – KC1IBR

Dan Fegley – W1QK

CARA Operating Activities:

Winter Field Day, New England QSO Party,
ARRL Field Day, New Fairfield Day Special
Event Station, Peter Weinberger New Fairfield
Car Show Scholarship Fundraiser Special Event
Station, 2M Fox Hunt (hidden transmitter).

Chairman:

Committee Members:

Annual CARA Hamfest Fund-Raising event:

Chairman: John Morelli – W1JGM

Committee Members:

Marcus Swearingen – AB1WV

Bill Webb – W1AFX

Charles Setaro – KC1IBR

Membership:

Annual dues notification and follow up
Annual new member drive

Chairman: John Morelli – W1JGM

Education and Elmering:

Organize or sponsor class for entry-level license
Organize Elmer support network for new hams
Organize two 3-person ARES deployment teams

Committee Chairman:

Committee Members:

Youth Committee:

Committee Chairman: Keith Iwanicki -W1KRI

Committee Members:

Program and Activities:

Organize and arrange monthly program

Organize activities

Annual Holiday Gathering

Summer Pasta Party

Committee Members:

Bud Kozloff – W1NSK

Marcus Swearingen – AB1WV

Weekly CARA Sunday 7:30 PM Net:

Committee Chairman: David Teagarden –
KB1ZAC

Committee Members:

Tom Coury – WX1T

Charles Setaro – KC1IBR

CARA Capers:

Monthly newsletter staff

CARA Capers Editor:

Dan Fegley – W1QK

Development Committee:

Seek and obtain alternative sources of funding for club events and activities

Committee Chairman:

Committee Members:

Website Committee:

Maintain the CARA Website

Committee Chairman:

Committee Members:

Charles Setaro – KC1IBR

John Ahle – W1JMA

Roger Mitchell – NG1R

Dan Fegley – W1QK

Please advise the CARA Executive Committee of any changes to this list.

THE POWER OF TEAMWORK:

Video Motivasi – Kerjasama Team (Team Work)

<https://youtu.be/oqRX02uhicc>



Preliminary CARA 2021 Calendar

March	12 – Monthly meeting via MS Teams Guest speaker: Steve Szombathy - W7UDI 26 – Monthly planning meeting via MS Teams
April	9 – Monthly meeting via MS Teams Guest speaker: Bob Heil - K9EID, from Ham Nation and Heil Sound 23 – Monthly planning meeting via MS Teams
May	7 – Monthly meeting via MS Teams Guest speaker: Fred Kemmerer – AB1OC 21 – Monthly planning meeting via MS Teams
June	11 – Monthly meeting 25 – Monthly planning meeting 26-27 ARRL Field Day
July	9 – Monthly meeting 23 – Monthly planning meeting
August	13 – Monthly meeting 27 – Monthly planning meeting 29 - CARA Western CT Hamfest
December	10 - CARA Annual Holiday Party



For Sale: Backup Batteries

Attention Club Members, available immediately for Pickup in New Fairfield.

Energys 12HX300-FR "DataSafe" HX batteries.

Be ready, winter is coming, and with it comes the loss of power.

Now is the time to support the club. I have some batteries that I have donated to the CARA club for fund raising and backup power for our repeater system on the top of spruce mountain. We are making these available to you.

As we were not able to hold our annual Hamfest. and as everyone knows, the Hamfest is our main source of income and support of our organization.

These are **Energys 12HX300-FR** top terminal, Valve Regulated Lead Acid (VRLA), AGM batteries, these batteries are completely sealed.

Please see the attached specification sheet for more information.

Remember there are other uses for back up batteries than our radio equipment, such as: Pellet stoves with 12Vdc back-up power, Inverters for DC to AC, 12Vdc lighting and many more applications. need 24Vdc: series 2 batteries, need more time and power: parallel two or more.

These are fully tested, used batteries that were removed from a critical data center after **two years on an advertised 10-year operating life.**

The Batteries are available for a **Donation of \$100 each** to the Candlewood Amateur Radio Association (CARA). payment can be made using the clubs PayPal account, (Preferred) , check or cash. Payment is expected at time of pickup.

Please feel free to pass this notice on to other clubs or individuals.

Support the club now! - Delivery can be negotiated. - Each battery weights 60 LB.

73,
John G. Morelli (W1JGM)
VP Candlewood Amateur Radio Association (CARA)
Chairman; Western Connecticut Hamfest
www.cararadioclub.org
203-417-0160



data safe[®]
HX

12HX300-FR 12V, 284W/Cell 15 min.
FLAME RETARDANT

Float voltage / Tension de floating
13.6 ± 0.1V at 77°F (25°C)

Connection torque / Couple de serrage
6.8 Nm 60 in lbs

Non-spillable lead-acid battery Made in Mexico

WARNING: Risk of fire, explosion or burns. Do not disassemble, heat above 65°C or incinerate. Ventilate spaces where used or charged.
 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the state of California to cause cancer.
 WASH HANDS AFTER HANDLING.

www.enersys.com

6 35241 13941 9

EnerSys

Link to battery data sheet: www.enersys.com



Sanctioned by ARRL

SAVE THE DATE

AUGUST 29, 2021

Sunday, Doors open 8AM
Candlewood Amateur Radio Association
Annual

Western CT. Hamfest

The **BIGGEST**, little Hamfest in
Western Connecticut

Indoor tables \$20 each, Tailgating \$15 / spot

Includes 1 admission

Admission at the door \$7 (**\$1 discount with flyer**)

Children under 12 Free

See you at the Hamfest "73"

CARA is a 501(c)3 organization

All State COVID-19 regulations will be in place

FALL "ARES" FORUM
10:30 IN THE HALL

DEMONSTRATIONS

MAJOR VENDORS

INDOOR TABLES
OUTDOOR TAILGATING

VE SESSION - 9:30
NO APPOINTMENT REQ.

REFRESHMENTS

RAFFLE

DOOR PRIZES

50/50

GOOD TIMES

TO BE HELD AT

Edmond Town Hall
45 Main St
Newtown, CT

Hamfest.cararadioclub.org

Contact; John Morelli
(W1JGM)

Hamfest@cararadioclub.org

203-417-0160



John Morelli (W1JGM) via CARA <cara@cararadioclub.org>

To: Cara@Cararadioclub.org, Gregory Davis, Candlewood Amateur Radio Association
Thu, Dec 17 at 9:16 PM

Here is the Team's training given my W8ZY
Thank you, Mike, Greg.

73

*John G. Morelli (W1JGM)
VP Candlewood Amateur Radio Association (CARA)
Chairman; Western Connecticut Hamfest
cararadioclub.org
203-417-0160*

From: Microsoft Stream <no-reply@microsoftstream.com>
Sent: Thursday, December 17, 2020 9:08 PM
To: John Morelli (W1JGM) <W1JGM@w1qi.org>
Subject: Your meeting recording is here! — "MS 365 training"

Your content is ready to stream!

[MS 365 training](#)

[Go to your video now](#) to publish, view, edit or share!

CJS via CARA cara@cararadioclub.org

To: CARA REFLECTOR

Tue, Dec 8 at 11:45 PM

Hello Fellow CARA Members:

It's that time of year... 2021 membership dues are upon us! Since our membership rates remain the same, we can begin our collection a bit early. **Dues are payable in January.** Those that choose to mail in your payments keep in mind our mailing address has changed since last year. New address: POB 55 Brookfield CT 06804

CARA dues rates are as follows:

Full Member - \$30.

Family Member - \$30 for first family member, \$15 for each additional nuclear family member
Senior club members (>= 65 years old) and full time students who are members at Full or Associate levels receive a 50% reduction off dues rate

· Associate Member - \$10

There are three convenient methods to pay your dues:

- **Via PayPal** at <https://www.paypal.me/CARADUES> is probably the most convenient. **Please when submitting payment, in the "Add A Note" area, add your call sign and any other information you may feel pertinent. Please do NOT use a payment tab or checkbox that indicates that the payment would have been for "goods and services" which would result in a fee charged to CARA and result in a rejection of your payment. Thank you**
- **By check** Payable to "Candlewood Amateur Radio Assn." by mail (Candlewood Amateur Radio Assoc., POB 55, Brookfield CT 06804).
- **By Cash...** Please prepare a slip of paper with the amount presented, your name & Call sign.

Attached also find our updated Membership Application for reference and perhaps we can enlist some new members! The fillable pdf application is also on our website at [click here \(cararadioclub.org\)](http://cararadioclub.org), link also on home page. Should any changes to your name address or contact information you can use this to send to us as an UPDATE.

As a reminder our monthly meeting is scheduled for 8:00 p.m. Friday via Zoom Conferencing (see our web site at [Candlewood Amateur Radio Association \(cararadioclub.org\)](http://Candlewood Amateur Radio Association (cararadioclub.org))). Great time to connect!

Respectfully,

Charlie Setaro KC1iBR, Treasurer cjset@att.net or treasurer@cararadioclub.org



CARA

Affiliated
American Radio Relay League
club since 1946.
ARRL Special Service club



Welcome to the
Candlewood
Amateur Radio
Association

CARA



W1QI

Candlewood Amateur
Radio Association

www.caradioclub.org
P.O. Box 55
Brookfield, CT 06804-055



CARA was established in 1946 and is the Danbury, CT area's oldest general-interest amateur (ham) radio club.

CARA is among the longest established clubs in the Constitution State. Our general interest club focuses on advancing technical knowledge, operating skills, fraternalism, and public service.

CARA hosts the annual Western Connecticut Hamfest as our major annual fund raising event.

CARA sponsors four VHF/UHF FM repeaters that serve the Greater Danbury area.



CARA holds regular meetings on the second Friday of each month at the Stony Hill Fire House on 59 Stony Hill Road in Bethel, CT and conducts many other activities at different times of the year including Volunteer Examination Sessions (VEC) licensing sessions.

Please come visit us at a meeting. You don't have to be a CARA member to attend CARA meetings - everyone is welcome. Doors open at 7:00 pm and the meeting begins promptly at 7:30 pm.

CARA is a 501(C)3 non-profit. Tax deductible contributions are welcomed.

If you're interested in becoming a member of CARA, please visit our club's website at: www.caradioclub.org for a membership application form.

During this time of COVID-19, CARA is conducting meetings via the Microsoft TEAMS platform. Each member receives TEAMS meeting credentials. Membership includes an annual subscription to the club's Listserver and informative CARA Capers monthly newsletter.

CARA

W1QI

*CARA Celebrated 50 years
of W1QI as our club
Callsign: 1969-2019*