



# Capers

## May - 2018

The Monthly Newsletter of The Candlewood Amateur Radio Association  
P.O. Box 741 – Hawleyville, CT 06440-0741  
Visit us on the Web at <http://www.CaraRadioClub.org>

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**Next CARA Meeting:**  
**Friday, May 11, Stony Hill Fire Station**

***FlyRC radio-controlled airplane club presentation***



***Doors open at 7:30 for socializing and conversation.  
Business meeting begins at 8:00 p.m.***

***Agenda:***

- ***Pledge of Allegiance - Introductions***
- ***Reading of Minutes – N1GSA***
- ***Treasurer's Report – WX1T***
- ***Old Business***
- ***New Business***
- ***Presentation: "FlyRC by Chris Vargo – KB1QM"***

## *President's Message - de AB1WV*



All,

Well – it's been a busy month; and as Summer approaches, it doesn't look like it will be any less busy moving forward.

I participated in the fox hunt a couple of weeks ago. My 9-year-old Tori and I teamed up. While we didn't find Jay – aka "The Fox", we came close again, and we'll keep trying. Thanks to all who helped put it on and participated, especially Jay, N1NRP. A great time again.

This month's meeting should be a good one. We'll have a presentation from a local remote-control flight enthusiasts club, called FlyRC. There will be some planes on display including a 1/4 scale Piper Cub if they can arrange it. The presentation will be done by several FlyRC members; including Chris Vargo, KB1QM. This should be very interesting.

Some important business for this meeting includes opening nominations for officers. As with our federal, state, and municipal elections, your participation is important. If you would like to put your name in the hat, please contact one of the directors. This is our club, and it's important that we all participate in this process.

Hope to see you all at the meeting on Friday,

--... ..--

Marcus  
AB1WV

## Vice-President's Message de N1NRP



Greetings CARA Members and friends of CARA:

Well, May has arrived, so I've officially hung up my Long Johns 'till November.

I'm looking forward to a long, hot summer with trips going to the beach, and having cookouts.

We should all get together for a picnic some time.

Speaking of that; Field Day is right around the corner, and I'm quite excited and I hope you are too.

I'd like to encourage all club members and their families to attend.

Let's hope the weather is on our side.

The New England QSO Party is this weekend. Visit this link for details:

<https://neqp.org/>

May 6<sup>th</sup> should be a good time for CARA operating at W1AW.

I hope to make lots of contacts. It's good to see many new members interested in going.

Contact Roger- NG1R, for the details.

Nominations will be open at the May meeting for the Executive Committee and all three Directors. Harlan-W1QH is the chairman of the Nominating Committee.

The annual election of CARA officers will be held at the June club meeting in June.

I hope to see you all at the next meeting on May 11.

73 - Jay

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## April 13 CARA Meeting Minutes de N1GSA



The meeting was called to order by President Marcus Swearingen at 8:00 PM.

Pledge of Allegiance was recited.

Round Table introductions followed. 19 people were present.

Minutes of the previous meeting were read and accepted as read.

Treasurer reported a balance of \$6832.36.

An Insurance Certificate has been received and forwarded to the Edmund Town Hall.

Charlie reported on the Field Day progress. He proposed a budget for this event of \$835. This

included the food, pins, additional signage, and an additional antenna either to be built or purchased. David reported on those that signed up for the various operations and setup/cleanup. He also requested that we have available a CW key and keyer for display and instruction. Hugh volunteered to build the OCF antenna. This brought the amount to \$690. This was made a motion, seconded and voted in the affirmative.

John reported on the Hamfest. He has sent out flyers and emails to many surrounding clubs. He again asked that all members distribute flyers at any events that we attend.

John then reported on the Repeaters. The 2-meter Motorola machine is onsite in New Fairfield. A receive problem was found and repaired prior to this installation. This was due to bad connectors from the antenna.

Someone needs to climb the mountain to turn off the Spruce Mountain machine prior to activation of the Motorola. There will be some expense to activate this machine on Spruce Mountain including backup batteries and coax.

The 220 machine needs to come off the hill to be inspected. This is an old machine and got very little use. The 6-meter machine is ready to go with a new Arcom controller and power supply, along with a new cabinet. Kevin should be available for installation after May 12th. He asked that the duplexer for this machine be inspected prior to his coming to town. His bill for parts and the service call is for \$800. Motion was made and seconded to pay this bill. This was passed.

Motion was made to pay 2 years dues for Hugh who has supplied parts for many repeater projects.

Marcus brought up about his letter to the STEM coordinator at the local school to apply for an ARRIS contact. This would, if accepted, be for a possible contact with the International Space Station. The deadline for this application is the end of April. This application is available every spring and fall.

He also brought up about a possible GOTA program for the Girl Scouts.

Roger reminded everyone about the NEQP coming up on May 6th. This has been a club event done at the past at ARRL headquarters. He requested names of those interested as this our last get-together prior to this event. Business meeting adjourned at 8:58 and after a short break the FT-8 demonstration and instruction began.

Respectfully Submitted.  
Gary S. Adams - N1GSA,  
Secretary

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## April 27 - CARA Planning Meeting Minutes de W1QH

Meeting called to order at 8 PM by President, Marcus Swearingen, AB1WV.

### NEQP:

To be on air @ 9:00 am  
CARA-only event  
RSVP with NG1R  
Carpool? See NG1R

### Field Day:

Computer presentation on N1MM+  
Safety Officer  
Pins received  
Communicate with Tarrywile via Oscar  
liaison w/Danbury OEP  
Parking certificates?  
OCF to be constructed?

Hamfest:

W1JGM to make contact for room for exams  
Flyers need to be distributed by CARA members at other 'fests  
W1JGM has list of other clubs to send flyers to

Fox Hunt:

Certificates have been designed by W1QK and printed by N1NRP

Club "Go-Kit" project proposal:

Committee of John and Harlan, joined by Dan

Summer Picnic:

"Pot luck" or at Italian Club?  
NO "Club sponsored" alcoholic beverages

501(C)3 Donation Drive:

Use "smile.Amazon.com" for purchases

Website:

Possible project for a school?

Repeater update:

Audio input problem corrected?  
Possible Yaesu Trade-in?  
Echolink  
6M cans to be checked for droop and then stood upright

CARA Banner:

Charles – KC1IBR has agreed to assist to acquire high-resolution logo files and assist W1QK in production.

W/VE Islands on the air:

W1QI – Portable operation at Candlewood Isle on August 25.  
Committee needs to be formed for this event.

Girl Scouts:

AB1WV is contact for this.  
Special event station?  
It was discussed about the upcoming meeting agenda and presentation.

Meeting adjourned at 9:40.

Respectfully Submitted: Harlan Ford - W1QH

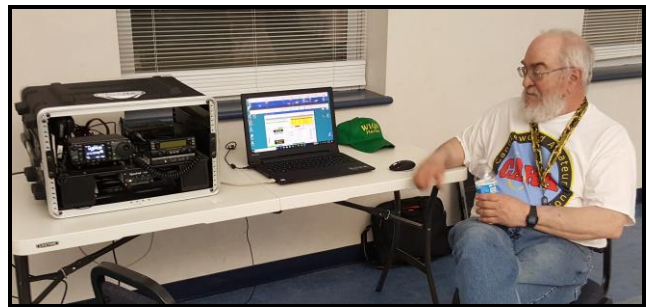


*April CARA Meeting Flashback:  
FT8 Presentation by W1JGM  
de W1QK*

*Photo Credit: N1NRP*



*John – W1JGM explaining the popular new WSJT-X FT8 mode that's sweeping down the waterfalls at many stations.*



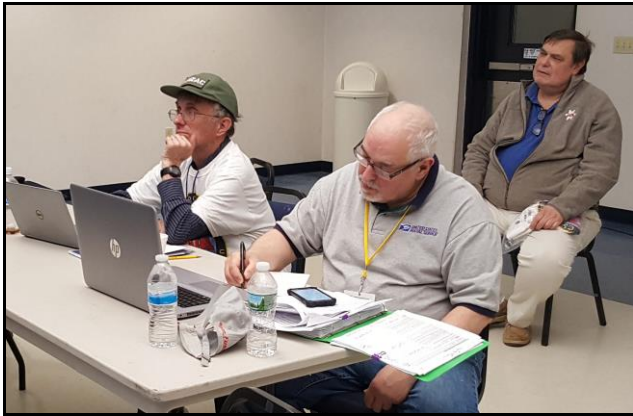
*CARA Director – Harlan- W1QH, operating his IC-7000 Go-Kit with laptop in support of W1JGM's presentation.*



*Harlan brought and set up his HF Go-Kit with an outdoor antenna to demonstrate live FT8 contacts.*

*A separate 20M Ham-Stick dipole was set up just outside the door.*

*Thank you, Harlan for bringing your setup for everyone to see; and for answering questions too.*



*KB1ZAC, KC1IBR and W1NSK learning all about FT8.*



*What's FT8 ?:*

*A new weak-signal mode that's part of the WSJT-X suite designed for HF operation.*

*What equipment and antenna(s) do I need to operate FT8 ?*

*Use your HF station equipment and antenna that's in place now, just add the capability of connecting audio into and from your rig to your computer.*

*How do I configure my rig and computer?*

*Consult the WSJT-X configuration information at various websites including:*

*How do I operate FT8 ?*

*After configuration, simply enable Decode, and watch the signals appear on both the left column and the waterfall. If you've configured it with the "standard messages", just click and join in on the action.*

**CARA IS AN ARRL AFFILIATED CLUB**



# Catching the Fox:

CARA Spring Fox Hunt – Sunday, April 29.

De N1NRP & W1QK

Photo credits: W1JGM, KC1IBR, N1NRP



CARA members and friends met on Sunday, April 29 at the Danbury Candlewood Lake Town Park boat launch parking lot on Hayestown Rd. for CARA's Spring Fox Hunt.



W1SMF, AB1JC, KD1YV & KC1JGV

The CARA Spring Fox Hunt was another resounding success!



Hunters: (L-R) David-KB1LTW, Dana- KA1WPM, Tim-K1TCA, Mel-KC1HRY, David-KB1ZAC, Tori, Charlie-KC1IBR, Harlan-W1QH, Marcus-AB1WV, Jay-N1NRP, KD1YV-Jim, John-W1JGM, Jeff-KB1MZL, Sam-W1SMF, Larry- AB1JC.

Carolina - KC1JGV, was the official Fox Hunt Referee, while Jay - N1NRP was the fox again.



KC1IBR & N1NRP



There was a chilly breeze blowing across Candlewood Lake, while all the contestants gathered at Danbury's Town Park boat launch ramp parking lot at 2:00pm.





*Marcus & Tori*

The “ham radio hounds” were eager to begin; hoping to become the first-place winner but realizing that it’s all about the “fun of the chase”; and that everyone who participates is a winner.



*David – KB1ZAC*



*Jay-N1NRP “aka The Fox” meets with the hunters*



*(L-R) Sam-W1SMF, Jeff-KB1MZL, Jim-KD1YV, Larry-AB1JC, Carolina-KC1JGV*

After everyone signed in, received an official rule book, and gathered for a group photo, Jay “aka The Fox”, went off to hide.

“I pointed an Arrow 3 – element yagi right at the boat launch, but the signal must have been too narrow to lock on, so I switched to a Diamond Supergainer vertical in the horizontal position. Then, everybody heard it. I guess that made it easier to hear, but not to find”

– N1NRP



*KC1IBR & KB1ZAC*





*No-Jim, I'm not gonna tell you where the fox is hiding...*

KC1JGV released all the hunters at 2:40 pm, then later joined Jay to await their arrival.



*W1QH, W1JGM, KC1JGV, N1NRP, KB1ZAC*

It's near the site of Danbury's Lake Kenosia Park – a popular swimming destination.

Within two minutes, the second-place team of Harlan-W1QH, and John-W1JGM arrived.

Next - solo hunter, Jim-KD1YV, appeared with his HT, offset attenuator and tape-measure Yagi setup.

“John and Harlan revealed that they were going to go to Kenosia initially, but actually decided to go up to Spruce Mountain Road first, so Charlie and David beat them to the Fox by 2 minutes.



*(L-R) Standing: W1QH, KC1IBR & KB1ZAC*

After about an hour elapsed, the team of Charlie - KC1IBR, and David-KB1ZAC, found Jay's vehicle hidden near the Italian American clubhouse at the Vespucci Lodge building, which is just off Kenosia Avenue and about 5 miles from the Candlewood Town Park.

Both were very excited to finish in first place!

Scott and his friend drove right past my car with the antenna sticking out the side - while John Harlan, Charlie, and Dave were taking photos. I watched in my rear-view mirror as all this transpired.

Jim- KD1YV, kept driving back and forth on Kenosia Avenue - passing my vehicle several times.

Scott's team was using his tape-measure Yagi to find the direction of the strongest signal, then got back in the car, and drove right by me. I even blew the horn - but, they kept going. Eventually, they came back and saw us.

CARA Members: Sam- W1SMF and Larry- AB1JC asked me to give them a few more minutes, since they were getting VERY close. But after 2 minutes transpired, I reveled where I was.”  
– N1NRP

Almost everyone who participated located the fox before the 4:30 pm deadline. Those who didn't, were advised about the hidden transmitter's location over the air, and were invited to meet at the 3 Brothers Diner on White St.



*The post Spring CARA Fox Hunt gathering at 3 Brothers Diner.*

“I got a standing ovation when I arrived at the diner.

There was a discussion about GBARC having a hunt in the future.

The three Winsted club members were the first to make it to the diner, because they reported that they built the antenna wrong – and it had no ears.

Marlon commented that his tape measure Yagi wasn't playing well.

Larry, David, and Sam told me that their offset attenuators worked like a charm”. – N1NRP

At the diner, everyone enjoyed refreshments while discussing the events of the day. Jay was pleased that AB1WV's daughter, Tori, filled out

the award certificates for the first, second, and third place winners.



*CARA President, Marcus – AB1WV, proudly watching Tori inscribing names and callsigns on all the Achievement Certificates.*



*First Place Achievement Certificate winners: Charlie-KC1IBR and David-KB1ZAC*



*Second Place Achievement Certificate winners: John-W1JGM and Harlan-W1QH*





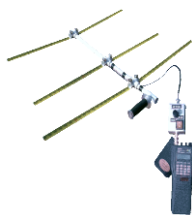
*Third Place Achievement Certificate winner, and solo hunter: Jim-KD1YV.*

Thanks to Dan-W1QK, for designing the Spring CARA Fox Hunt certificates, and to Jay for having them printed.

Thanks to everyone who came to this event, especially CARA's new friends from the Wireless Operators of Winsted club: Dana-KA1WPM, Tim-K1TCA, and Mel-KC1HRY.

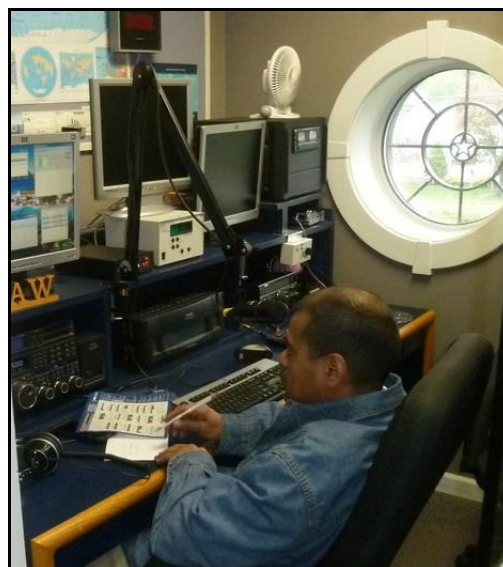
**Participants:**

Jay – N1NRP, Carolina – KC1JGV, Dana-KA1WPM, Tim – K1TCA, Mel – KC1HRY, Marcus – AB1WV, Tori Swearingen, John – W1JGM, Harlan – W1QH, Sam – W1SMF, Jeff – KB1MZL, David – KB1LTW, David – KB1ZAC, Larry – AB1JC, Jim – KD1YV, Charlie – KC1IBR, Mike – N1MPL, Marlon – KC1EHW, Al – K2DMV, Scott – N1CWV, plus XYL-Nancy, and daughter Cassie, and his friend, Francis G.



**Breaking News:**  
**CARA Activates W1AW for the New England QSO Party again.**

Photo Credits: W1JGM, N1NRP



## From the Programs & Activities Committee:

de AB1WV:

I have scheduled a presentation with FLYRC, which is an RC Flight club, for May 11th.

Topics will be about their club and building planes including electronics and the radio side of it and how having an amateur radio license can be advantageous in the hobby.

The main presenter is Chris Vargo, KB1QM.



Photo Credits: KB1QM

*Submitted by Chris Vargo - KB1QM:*

The FlyRC Club (Fairfield League Of Yankee Radio Controllers) is celebrating its 50th year as a charter member of the national AMA (Academy of Model Aeronautics).

FlyRC members will be presenting information regarding the history of the FlyRC organization, the electronic equipment utilized, aircraft assembly, and flight training.

Fifty years ago, radio control planes were like the model A Ford: simple in design and all black and we were constantly tinkering with them to keep them in the sky. As technology made advances, it filtered into the RC hobby where today the materials and electronics are only limited by ones' imagination. Snoopy has been seen sailing through the sky on top of his dog house. Models of the Lockheed SR-71 "Blackbird" and the NASA Space Shuttle on a Boeing 747 have been seen at club shows, swap meets, and other events. Even Luke Skywalker has been seen on his sled. Any plane that has ever been manufactured can be seen flying somewhere at a flying field including concept designs. There is even a flying lawnmower which you can see on YouTube.

Some of our members have installed a video camera in the cockpit with live video being transmitted to the pilot. This can give you the sensation of looking out the cockpit window while viewing yourself on the ground.

This hobby does not discriminate based on age. It can fulfill the nimbleness of a youth to perform unbelievable aerobatic maneuvers in the sky, and as one's reflexes slow down, there are plenty of aircrafts to move on to.

This is a lifelong hobby and one can engage family members and share the rewards of flight. Some members have had grandchildren flying at the age of 5.



## ATTENTION CARA!

de W1QH for the Nominating Committee, which consists of current CARA Directors: NG1R, W1QH and W1QK.

It's that time of year again!

Annual Executive Committee and Director Elections at the June meeting.

Nominations will be accepted starting with the May meeting for:

President  
Vice President  
Treasurer  
Secretary  
and 3 Directors

If you wish to nominate someone, please confirm that they will accept your nomination.

This is YOUR club and you choose your leadership.

See you there!

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### *CARA Repeater Committee Update:*

de W1JGM

On Monday April 23, Hugh and I spent some time reviewing the audio issue with the system.

We found that the audio output exceeded the requirement for the Arcom input. the specification calls for .75 Vp-p and it was actually outputting over 1.3 Vp-p, causing distortion. The output audio was adjusted via the front panel control switches to reduce the level to .75 V p-p, and the Arcom readjusted for a clean 75 Watt power output.

We connected the repeater to the tower antenna for the transmit and used a stubby receive antenna. Test calls were made, and reports were clean, including the voice ID and the Code ID.

We did find that the cooling fans were not operating properly, and due to the late hour - we would plan to return to investigate.

Our hopes are to get the repeater on the air soon.

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## New England QSO Party



To New England radio clubs:

**I'd appreciate your help in publicizing the upcoming New England QSO Party on May 5th and 6th. Please mention it at your next club meeting and in your newsletter.**

The NEQP is a great time to check out antenna systems and offers a moderately paced opportunity to work new states and countries. You'll find a wide variety of participants, from newcomers to experienced contesters, all interested in making contacts with New England stations.

We're working to make sure that all of the New England counties are active again this year and would appreciate your help. Get on for at least an hour or two and join in on the fun. Please let me know if you can put in any time at all so we can work on activity from the rarest counties. **Will you be QRV? Let us know which county you'll be on from with a message to [info@neqp.org](mailto:info@neqp.org)**

Oh yes, the NEQP is also **lots** of fun when mobile. Every time you cross a county line the action starts over again. It's amazing what a

100w radio and mobile whip can do.

The QSO Party is 20 hours long overall, in two sections with a civilized break for sleep Saturday night. It goes from 4pm Saturday until 1am Sunday, then 9am Sunday until 8pm Sunday. Operate on CW, SSB and digital modes on 80-40-20-15-10 meters. For each QSO you'll give your callsign, a signal report and your county/state. Top scorers can earn a plaque and everyone who makes 25 QSOs and sends in a log will get a certificate.

Last year we had logs from 177 New England stations and 460 more from around the country and world.

The full NEQP rules are here -  
> <http://www.neqp.org/rules.html>

The 2017 results are posted and the results since 2002 are also available -  
> <http://www.neqp.org/results.html>

**It's just about a month until the 2018 NEQP. Please make some QSOs even if you don't want to send in a log.**

Thanks!

73 Tom/K1KI

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*Editor:  
To learn more about ARRL New England Division Director, Tom Frenaye – K1KI, the origin of the New England QSO Party, plus some behind-the-scenes information, visit this link to the NCCC (Northern California Contest Club):*

<http://nccc.cc/jug/2016/04Apr2016.pdf>

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## ARRL Connecticut Section News:



ARRL CT Section Manager, Chuck Motes - K1DFS.  
No April SM message available.

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### Foundation to Honor Former ARRL Connecticut Section Manager Betsey Doane, K1EIC

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04/16/2018

Former Connecticut Section Manager and retired professor Betsey Doane, K1EIC, will receive the Housatonic Community College Foundation (HCCF) Lifetime Achievement Award on April 19, during the college's 50th anniversary community celebration. Doane has been on the cutting edge of major industry advancements in teaching techniques for the visually impaired. She has worked toward developing computer literacy courses and has participated as a panelist at national and international conferences. Doane served as Connecticut Section Manager from 1991 until 2016, her 25 uninterrupted years of service establishing her as the dean of Section Managers when she decided not to seek another term. Doane and her twin sister, Barb Lombardi, K1EIR, were licensed in 1958, and both began handling message traffic soon after. She has been an Official Emergency Station since April 2010.

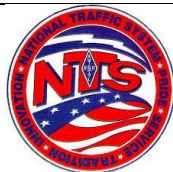


Congratulations Betsey from your CARA friends for this well-deserved award.

Source: [Foundation to Honor Former ARRL Connecticut Section Manager Betsey Doane, K1EIC](#)



**CARA is an ARRL – Affiliated Club**



## Connecticut Phone Net – CPN

Meets daily: M-F 6:00 p.m. 3.973 MHz.  
Sunday: 10:00 a.m. 3.965 MHz.  
CARA Contributions:  
Wednesday Net control: Harlan, W1QH  
Net Manager: Tom, WX1T



### Weekly CARA NETS:

**CARA 10M “Rag Chew Net”:**  
28.490 MHz. 7:00 pm Sunday

**CARA 2M NET:**  
W1QI 2M Repeater – 7:30 pm Sunday

**CARA PSK31 Digital NET:**  
28.100 MHz. 7:00 pm Tuesday; 1500 Hz.

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

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

### Upcoming Contests, Hamfests & Meetings:

May 5-6: New England QSO Party  
May 7: NARA Monthly meeting  
May 11: CARA Monthly meeting  
May 12: 50 Mhz. Spring Sprint  
May 14: ARES meeting – Danbury EOC  
May 19: King of Spain CW contest  
May 21: ARES Region 5 Monthly meeting  
May 25: CARA Monthly Planning meeting  
May 25-27: CQ WW WPX CW contest

May 2, 9, 16, 23, 30 CWOps CWT 1300Z,  
1900Z, 0300Z

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**New England and other local hamfests:**  
<http://web.mit.edu/w1gsl/Public/ne-fleas>

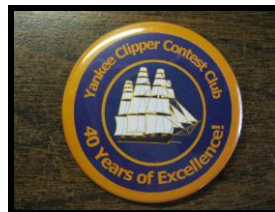
**Complete Contest calendar at:**  
<http://www.hornucopia.com/contestcal/contestcal.html>

### Upcoming CARA Calendar:

May 6: CARA operates NEQP from W1AW –  
CARA-only event – Make reservations with NG1R  
May 11: CARA Monthly meeting – FlyRC  
presentation  
May 25: Monthly CARA planning meeting –  
SHFD – Begins at 8:00 pm  
June 1: June Capers input deadline

### Update from the Program & Activities Committee:

See Page 26.



### YCCC News

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The next scheduled meeting of the Yankee Clipper Contest Club may be held in June, or at the ARRL  
Boxboro New England Division Convention in  
September. Stay tuned for an update...  
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Connecticut ARES Region 5 conducts a weekly net each Wednesday at 7:30 p.m.

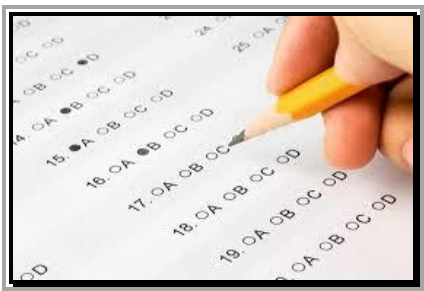
New Milford: 146.730 MHz -600 kHz PL 192.8 Hz  
NARA analog repeaters for this net:

Washington: 441.850 MHz +5 MHz PL 77 Hz  
Woodbury: 444.800 +5 MHz PL 192.8 Hz  
Warren: 53.970 MHz -1 MHz PL 110.9 Hz  
Please check in – All are welcome.

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## 2018 CARA Ham Exam Schedule:



## 2018 Amateur radio exams sponsored by CARA at the Stony Hill FD:

June 9, September 8  
December 1. Starting at 11:30 a.m.  
Walk-ins are welcome, but it's helpful if candidates call or e-mail Frank Sileo, N1PE, at 203-438-0218, or send a message to frsileo @ att.net

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## Upcoming VE exam sessions:

### Litchfield CT 06759-3404

EXAM SESSION

05/08/2018

**Sponsor:** Northwest Amt

**Date:** May 08 2018

**Time:** 7:00 PM (Walk-ins allowed)

**Contact:** Lawrence S. Polowy  
(860) 283-4089

**Email:** [lspolowy@snet.net](mailto:lspolowy@snet.net)

**VEC:** [ARRL/VEC](http://ARRL/VEC)

**Location:** Litchfield Firehouse

258 West St

Park in Rear

Litchfield CT 06759-3404

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### Trumbull CT 06611-1944

EXAM SESSION

05/10/2018

**Sponsor:** CT Regional Testing Center

**Date:** May 10 2018

**Time:** 6:30 PM (Walk-ins allowed)

**Contact:** Kevin W. Cellini

(203) 209-6495

**Email:** [kevin.cellini@gmail.com](mailto:kevin.cellini@gmail.com)

**VEC:** [W5YI/VEC](http://W5YI/VEC)

**Location:** <http://441700.org/CRTC/crtc.htm>

49 Sunrise Ave

VE's Residence

Trumbull CT 06611-1944

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### Goshen CT 06756

EXAM SESSION

05/19/2018

**Sponsor:** Southern Berkshire ARC

**Date:** May 19 2018

**Time:** 9:30 AM (Walk-ins allowed)

**Contact:** Lawrence S. Polowy

(860) 283-4089

**Email:** [lspolowy@snet.net](mailto:lspolowy@snet.net)

**VEC:** [ARRL/VEC](http://ARRL/VEC)

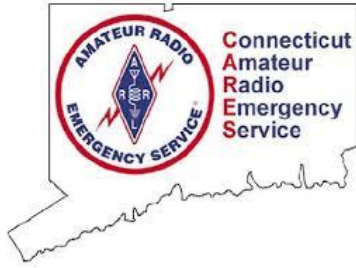
**Location:** Goshen Fair Grounds

159 Old Middle St Rte 63

Goshen CT 06756

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From the ARES Region 5 Reflector:

**Message from Oscar Fuller re:**

Thu Apr 19, 2018 11:53 am (PDT)

Forwarded by Ted to the reflector per Oscar's request. Please contact Oscar if you're interested.

In discussions with the EMD in Ridgefield, he has agreed to sponsor and host a Tech Class for ARES. He is contacting those in his circle (other EMDs, FD, PD, etc..) in the area to recruit students for the class. Could you do the same among the ham community (clubs, contacts, ARES members, etc) to see if you can recruit some students for the class. The dates for the class is TBD. The classes will be held at the Ridgefield EOC and targeted to be complete by June (time is short!). We also have the funding to provide the current Tech Class Manuals, so the only cost is the exam at the end of the class.

Thanks,  
Oscar Fuller  
32 Carriage House Drive  
Danbury, CT 06810  
Phone / FAX 203-744-8062  
Cell 914-841-4896  
Call Sign KO1F

[oscar@voidstar.org](mailto:oscar@voidstar.org) <mailto:oscar@voidstar.org>

**FirstNet Meeting held on April 28:**

de W8ZY

Photo credits: N1NRP

Here's a wrap-up of the meeting:

About a dozen hams from Regions 1, 2 and 5 gathered in Sandy Hook on Saturday morning April 28<sup>th</sup> to hear from Michael Varney from FirstNet. This was an informational meeting to outline to

capabilities and possible applications for FirstNet and how it might fit into the ARES landscape.



FirstNet Meeting participants:

(L-R rear) Roger-NG1R, John-KB1LYP, Mike-unknown, unknown, Emily-N1DID, Harlan-W1QH, Mike-W8ZY, Oscar-KO1F (L-R front) Douglas-WA1SFH, unknown, Mike Varney, Jay-N1NRP photographer.

Mr. Varney outlined the partnership between the First Responder Network Authority and ATT and just where we are in the build out in CT. We are just getting started as of this meeting. The network will allow for first responders and secondary agencies such as ARES to have priority connections and combining voice and data applications.



There are provisions for smartphone operations as well as IoT type connections on laptops, tablets and dedicated devices. Many of us will be watching and interested in how this new network evolves.

Mike, W8ZY  
CT ARES SEC

## Connecticut Jamboree 2018 (May 12) WE NEED YOU!

What: Connecticut Jamboree 2018 (aka: ConnJam 2018)

Date: Saturday, May 12

QTH: Orange, CT

Hours of Operation: 9 am – 4 pm  
(Full Day and AM/PM Shifts available)

With just 2 weeks to go, it is time to look forward to **ConnJam 2018** and “sharing the magic” of our wonderful hobby with about **FOUR THOUSAND BSA Scouts** (Cub Scouts, Boy Scouts, Venture Scouts and Explorer Scouts) who will be spending the weekend of May 11-13 in the town of ORANGE, CT.  
- Remember: These boys will be the next generation of Hams... if we share the hobby with them and their Adult Scout Leaders.

This event takes place once every 3 years, and we had a great time at ConnJam 2015.

The “Plan” is to provide 5 unique Amateur Radio Activities (and an information table) at this event to engage Scouts different aspects of the hobby.  
- BUT... to make this Plan work... WE NEED YOUR HELP.

### The “5 Plus 1” Plan

1. ARDF (Amateur Radio Direction Finding) for Cub Scouts
2. ConnJam 2018 Message Center (NTS Radiograms)
3. Digital/Data Communications (Hands-On)
4. Get On The Air (GOTA) Radio Stations
5. Morse Code Tent (Scouts learn to send their name in CW)

And...

6. Amateur Radio Information Table  
- Engaging Visitors by talking about the hobby you love, handing out Literature, and logging visitor contact information for later follow-up.

**Sign up today!** You don't want to miss this!!

### NOTE:

This is a PRIVATE EVENT, and you must be registered to participate.

– **NO WALK-INS accepted.**

To volunteer, we have set up an On-Line volunteer

process for your convenience.

**A: If you are already have an account at [ctaresregion2.org](http://ctaresregion2.org), then...**

- LOGIN to the website
- Hover your mouse over the EVENTS Menu Bar button
- Click on the pop down “Event Registration” button, and
- Follow the instructions to Register.

**B: If you do not have an account at the CT ARES – Region 2 website, then...**

a) Go to CT ARES – Region 2 website and **Create an Account**

<http://www.ctaresregion2.org/Create-an-account>

After you have received the confirmation email and responded to that, then...

- LOGIN to the website
- Hover your mouse over the EVENTS Menu Bar button
- Click on the pop down “Event Registration” button, and
- Follow the instructions to Register.

**DON'T DELAY!  
SIGN UP TODAY!**

Thank you.

**73,**

**Douglas Sharafanowich, WA1SFH**

District Emergency Coordinator,  
Amateur Radio Emergency Service (ARES),  
Connecticut Section – Region 2

Cell: 203-494-3885

[wa1sfh@optonline.net](mailto:wa1sfh@optonline.net)



CARA will be using N1MM+ Contest Logger during the ARRL 2018 Field Day.

For a free download, visit:

<https://n1mm.hamdocs.com/tiki-index.php>



## NEWS, PRESS RELEASES, AND GENERAL INTEREST

In April 2018, Tom, N1MM, presented to the [Yankee Clipper Contest Club](#) on the topic of "A \$200 Panadapter." He's made his [presentation available to everyone on the N1MM website](#). Tom uses an [Airsby HF+ SDR receiver](#) with [SDR Console](#) software to show how band information can be displayed inside an N1MM Logger+ window, with or without call sign information. Sometimes it's not enough to go to Dayton just one time a year. Find out what autumn in Dayton is like while attending the [Microwave Update 2018](#) conference there on October 11 - 14, 2018. It's typical for microwave rover stations to attend this event, and for the conference to contain material related to contesting on the microwave bands. If you'd like to be a presenter, abstracts and draft presentations are due by August 25, 2018, with final materials due on September 1.

## RESULTS AND RECORDS

[Results for the Ohio QSO Party](#) (PDF) have been posted. Just shy of 36,000 contacts were submitted for scoring, almost evenly split between CW and SSB. All 88 Ohio counties were represented in the submitted logs. The 2018 Ohio QSO Party will be held on August 25. The [results article \(PDF\) for the 2018 CQ WW DX SSB contest](#) is available online.

## OPERATING TIP

### Cinco Nueve

Learn how to say your call sign in other languages to get more contacts in phone contests. If the exchange is just a signal report, you can likely get by just knowing your call sign and the letters and numbers of the target language. Try calling CQ while pointing in a suitable direction.

The following is **not** a paid advertisement nor endorsement. CARA is an ARRL Affiliated Club, and an ARRL Special Service Club, and we encourage you to consider joining the ARRL to support the programs that the organization sponsors – Editor.



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

- [Join or Renew Today!](#) ARRL membership includes [QST](#), Amateur Radio's most popular and informative journal, delivered to your mailbox each month.
- Listen to [ARRL Audio News](#), available every Friday.

Subscribe to...

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

Free of charge to ARRL members...

- [Subscribe](#) to the *ARES E-Letter* (monthly public service and emergency communications news), the *ARRL Contest Update* (bi-weekly contest newsletter), Division and Section news alerts -- and much more!

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ARRL offers a wide array of [products](#) to enhance your enjoyment of Amateur Radio. Visit the site often for new publications, specials and sales.

[Donate](#) to the fund of your choice -- support programs not funded by member dues!

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**CW Ops CW Academy:  
Interested in learning CW or improving  
your skills?**

Check out [www.cwops.org](http://www.cwops.org)

CW Ops “CWT” Every Wednesday Regular Tests:  
Full Speed Start: 13Z, 19Z, 03Z (+1), 1-hour each session Exchange: name/number (members) name/SPC (non-members) Avoid DX pileups!

CW Ops CW Practice Sessions:  
For: On-air practice at 13+ wpm for CWA students, graduates, others wishing to have real-time CW practice with others similarly afflicted with a love of CW and a need to improve proficiency, with a goal of 25+ wpm.

Purpose: To improve CW through on-air practice at a time and place when others are likely available.

Time and place: 7035-7045 kHz every Tuesday, Friday and Sunday around 6-8 pm local time.

Conditions at this stage of the sunspot cycle make a comparable plan on 20m and higher for international contacts a risky proposal so for now we will limit this to 40m local evenings. 73 Jerry, AC4BT, CW Academy Manager

[CWops Mini-CWT Test](#), Apr 11, 1300z to Apr 11, 1400z, Apr 11, 1900z to Apr 11, 2000z, Apr 12, 0300z to Apr 12, 0400z; CW; Bands: 160, 80, 40, 20, 15, 10 meters; Member: Name + Member No., non-Member: Name + (state/province/country); Logs due: April 14.

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**Key Clicks: From the CW Ops Reflector:**

*Re: Digital Modes taking a toll on CW activity*

From: Dan Bates

Date: Thu, 26 Apr 2018 15:47:38 EDT

First of all, let me commend Joe Taylor for a huge contribution to weak signal communication. I use JT65 on EME. Without this mode, EME would be impossible for 90% of the stations currently active.

Sitting here looking at the P3 on 20m I see three or four cw blips (wow a big day), yet the FT8 Frequency is S9+ solid stations for the whole passband. It is a truly “mindless” mode. Auto cq, and completion of a Q. Maybe we should petition the ARRL to reject Qs where no interaction or skill was required. “any boob can take and hit a ball in a pocket.... I say we got trouble, trouble, trouble....”

I called CQ this morning and did get replies, though condx were very poor. I’m trying a tactic of calling cq around xxx33-35 KHz at 20 wpm with lots of Farnsworth.

Dan N5TM

*Subject: Re: [cwops] Digital Modes taking a toll on CW activity*

Absolutely agree. I get on and call cq at times when the band (esp 20m cw) is quiet. I can get on 20m cw and call CQ, not get any reply and go to the reverse beacon and see I was heard two places in VK land, KH6, and am apparently really loud on a dozen US sites. I will look and see spots for FT8 that occasionally include a newy for me if I counted anything other than CW. The ARRL seems to be promoting mindless point and click QSO's.

It is an effort to keep their dues coming in they are promoting digital modes to cover most of the lower portions of the bands. Then you could get me going on repeaters, Fusion, DMR, hot spots, etc.



The local club I am a member of (OKC) has about 50 members, mostly old farts like me. There are maybe 3 others that can copy CW and maybe 2 or 3 that get on HF much at all.

It all comes out when ARRL Field day rolls around and the very basics of antennas, SWR, RFI, etc. is not understood. This includes a couple of Extra class guys.

None of this is constructive, just a rant - sorry. I don't know when I will become an SK, but I will continue to flip the key as long as I am a Ham.

By then, the term SK will no doubt need to be replaced with another term.

Doug N4IJ

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*Re: Digital Modes taking a toll on CW activity*

From: John K3TN

Date: Thu, 26 Apr 2018 17:15:38 EDT

I do a good deal of FT8 operating (and JT65 before that) and most of the calls I see on there I'd never worked on CW - often RTTY or JT65, but rarely on CW.

This calendar year the ARRL Grid Chase has been driving some familiar calls to add FT8 during the week - easy way to add new grids - but those same calls seem to be doing the usual CW operating as well - which is the case for me, as well.

73 John K3TN

-----  
*Re: Digital Modes taking a toll on CW activity*

From: Joe Moffatt

Date: Thu, 26 Apr 2018 17:32:40 EDT

FT8 is not the cause of fewer CW QSOS. I'd argue the vast majority of FT8 users at this point are people trying it and a great many of those are primarily SSB users.

CW rag chewing has been on the decline for years. I think this is more of a societal shift and

licensing changes. CW hasn't been required in a long time now and a great number never attempt to use it.

Also, people spend less time sitting down to have a CW QSO. Attention spans are shorter. It's a labor of love. Some love it, some don't.

As evidenced by CWA and the ever growing CWOPS, there is clearly an interest by enough people that CW will be around for a very long time and there will be spectrum to use. Tune in to any major contest, and the bands are covered. The interest is there, but rag chewing in general is down.

I welcome anything CW Ops does to encourage CW participation.

The key though is sustaining it over the long haul. I see DX, remote operation, contesting offering the majority of appeal into the future. I don't see rag chewing growing. I also don't blame this on FT8.

Just my thoughts, which are worth far less than 2 cents.

Joe - AB5OR

-----  
*Re: Digital Modes taking a toll on CW activity*

I would agree with Joe, with a couple of reservations:

Longer CW Q's have been declining but I don't think changes in the Morse requirements for licenses has much if anything to do with it [I know ... heresy on CWops]. Since at least the 50's and maybe before [I was pretty young in the "before" times to know], a multitude of hams learned enough Morse to pass, went straight to AM and later SSB, and never touched a key again. That hasn't changed a whole lot with the switch to zero WPM for all. The wait lists for CWA are a good indicator that Morse does still have an attraction for many.

Likewise for SOTA and other field operating activities. Many of the SSB-only SOTA activators in the early days of SOTA in North America figured out they could make a lot more Q's on CW with flea-power and coat hanger antennas and are now active on CW.

I think, along with Joe, that it is much more a societal issue. We have so many ways to communicate these days, that the idea of sitting at the rig and battling the breeze with someone sort of doesn't fit in well. It seems that I have to consciously slow life down to have an enjoyable CW QSO longer than a couple of minutes.

Several of the apps on my phone have an ad for a "Slow Watch." It has one hand, and it makes one revolution in 24 hrs. It's an interesting perspective.

73, Fred "Skip" - K6DGW #142

*Re: Digital Modes taking a toll on CW activity*  
From: Rob K6RB  
Date: Fri, 27 Apr 2018 19:18:18 EDT

We do have recommended frequencies for meet ups, and we do have a webpage where you can indicate your plan of action (time/band/frequency) so that someone can find you. And, that's all good.

I have been making it a practice to get on around 7 PM local time, Tues/Fri/Sun on 40 meters in the 7.030 to 7.035 area where I operate my 1955 vintage station, at around 20 – 25 wpm, and make QSOs. My CWA students know about it and often monitor both sides as a way to add to their headcopy practice. I often work one or more, too.

If CWops members would make a habit of getting on around 7 PM local time, on Tues, in the area between 7.028 and 7.038, just to get to know one another better, it would add to the

CWA opportunities for headcopy practice, it would add to activity levels overall, and it would be fun. If interest warrants, we can add Fri/Sun, too. The reason I do Tues/Fri/Sun is because I am advising CWA and YCWA groups on Mon and Thurs.

Anyway, it doesn't require you to commit, or to log onto a webpage, but if it takes off, it could be another neat aspect of CWops on-air presence.

Rob K6RB

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## Ham Speak - Know the Lingo

*Editor: An interesting question recently asked during the Sunday CARA net session: What's the meaning of "de" with respect to Ham Radio?*

DE "From" in CW-speak

Detailed answer:

DE is a term used by CW operators, which is sent between the calling station and the sending station's call signs. Of course, just like on phone, the protocol is the other station's call sign first, followed by your call sign:

CW Example when calling CQ:  
CQ, CQ, CQ de W1QI W1QI W1QI

CW Example when Charlie-KC1IBR is calling W1QI on CW:  
W1QI de KC1IBR

active **word**-forming element in English and in many **words** inherited from **French** and Latin, from Latin **de** "down, down from, from, off; concerning" (see **de**), also used as a prefix in Latin usually **meaning** "down, off, away, from among, down from," but also "down to the bottom, totally" hence "completely" (intensive or ...

[De | Define De at Dictionary.com](http://www.dictionnaire.com/browse/de)  
www.dictionnaire.com/browse/de

Those who know CW will recognize that the CARA repeaters (almost all repeaters) send the letters DE before the repeater callsign when the identification is transmitted in Morse Code.

Example: de W1QI

*Your CAPERS editor often uses "de" to attribute the source of an article, photo or other content. I'm not trying to confuse readers, just use some Ham Speak CW Lingo.*

Here's another one that we commonly use that isn't really an insult about someone's age: OM "Old Man"; affectionate way to address a fellow ham operator, like saying "Old Buddy!"

If you're wondering about some of the other lingo that we hams use, check out this link on QRZ.com:

<https://www.qrz.com/page/hamspeak.html>

If you've heard somebody use terminology you're not familiar with, look it up here and you're likely to find the definition. If you don't find it, contact us at the [Support Center](#) and we will consider adding it to the list.

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## For Sale:

### [Alpha 99 High Performance Amplifier](#)

Alpha 99 high performance HF amplifier. 10-160 Meters including WARC bands. Manual tuning. Wired for 240 VAC. Uses two 4CX800 tubes. Full power (1500 watts) output with 55 watts input. This amp is clean both inside and out. The amp was purchased from Alpha in 2002. SN 9902240255. There are no scratches, no rubbed-off lettering, or dents in the case. This is a one-owner amplifier. Non-smoking environment. There are no mods. Included with the amp is a factory operating manual. Includes two new spare matched Svetlana 4CX800 tubes in unopened boxes with receipt. Extra spare parts also included. This amplifier will NOT be shipped - however, original cartons are

included. Inspection, demonstration, and local pickup in South Salem, NY.

No trades. Being sold by the XYL of WA2EVH (sk).

Call to make an appointment to check out this awesome amplifier.

Pictures available to email.

Serious potential buyers please.

Asking \$3200. (914) 548-2040.



---

### [ICOM IC-756 Pro III](#)

I'm selling my Icom 756 Pro III. Very Good Condition. I have the original Box. Harlan recently used this radio and can vouch on its condition. This is the same model radio that CARA uses (from the Danbury EOC) for Field Day. We are in the middle of contest season. I will also include the Heil HC 5 headset/with mike. Just updated: the package to include a second Heil desk mike. Asking price is \$1050. John - W1JMA w1jma@aol.com 203-610-5335.

If interested let me know.

73, John - W1JMA





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## Member and Station News:

Your news or story could go here in the next Issue of CARA Capers. Contact W1QK, Capers editor.

The following email was received by your editor:

Dan:

Back in January, I was reading Capers and thinking about CARA and my enjoyment having been a member.

1<sup>st</sup>- Then it dawned on me that although I didn't live in Ct anymore, I could still be a member, so I rejoined CARA in February.

2<sup>nd</sup>- So now your member - W1EJM, has a 4-page article in the May issue of QST (pg. 46) on his all HF band, low visibility, full legal limit motorized Inverted L antenna.

2 tid bits!

73 – Don, W1EJM

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Editor:

Welcome back to CARA Don, thank you for your support of CARA and congratulations on your FB antenna article in May 2018 QST.

Don was a former member, CARA officer, and mentor to many CARA members years ago, and is now living at The Villages in FL.

Don hired me to work directly with him at Computer Optics, a high-technology manufacturing firm that was located at Commerce Park in Danbury. I was assembling prototype test equipment that Don engineered and designed.

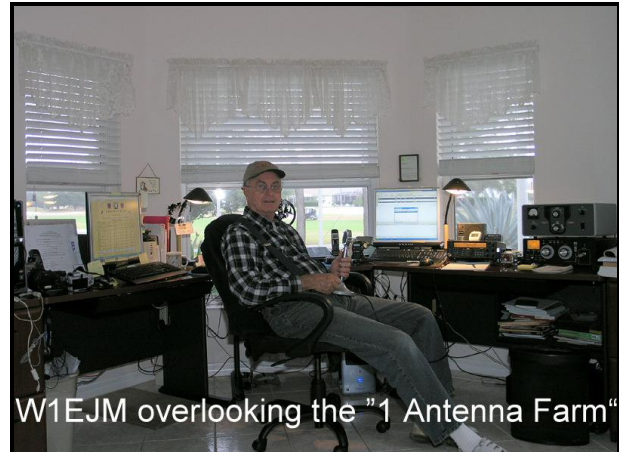
This was a significant summer employment opportunity for me when I was still attending Waterbury State Technical College in pursuit of my ASEE degree.

Don later worked for Perkin-Elmer at the Wooster Heights facility.

I've invited Don to give us a glimpse "behind the scenes" about engineering his antenna, preparing his article, and submitting it to the ARRL for publication in QST.

I've also encouraged him to share his memories of CARA with us too.

Dan - Per your request...



About me...

Born and raised in New York City. Ham radio started in 1956 (age 15) Novice Kn2VVN, General K2VVN in '56, 2nd Telegraphers in '60 (20wpm), 1st Phone in '61. Married in '62 and relocated to W1 land in '67 hence W1EJM.

Joined CARA in '67. Had 2 offspring, so to feed them I started night engineering school in '67 and graduated BSEE in '73.

Extra in the '90s, retired to South Florida in '97 then to The Villages in Central Florida in 2003.

Continuously active in ham radio and always an active member in local clubs but CARA 30 years is still the best! TVARC 15 years. Don't contest or DX, spend 90% on SSB. 40meters mornings up the east coast and evenings into Europe. Then 75meters mostly local but occasional Europeans in the evening. Still bang away on CW ~10% of my time (slow but sloppy 10wpm).

Heavily involved in antenna design using NEC-2 software because I live in Deed Restrictions and my antennas must be near invisible. As a result, I am the go to guy for new ham Villagers trying to shoehorn antennas that are low observables on to their

postage stamp lots. I do their site surveys, figure out what their ham activity interests are and give them some antenna design based on proven antennas that I tweak using NEC2 so they fit their plot plans. Having a ball doing it too! I also do some repeated site work, but mostly do planning for the club using terrain modeling software, somebody has to worry about our 100' mountains!

Also, some Arduino micro computer programming, and developing / running FSBO and FRBO real estate websites.

Inside Story on the QST article...

In 2017 ARRL ran an antenna design contest and I submitted the **'all band, no tuner, full legal limit, motorized Inverted L antenna'** into the contest. I had developed the antenna mechanics during the prior 3 years. That contest entry manuscript ran 22 or so pages. I received Honorable Mention for that submission. Also, photos on [www.w1ejm.com](http://www.w1ejm.com) along with the contest manuscript.

A short time later I was told that QST (I think in a note from Steve Ford) that QST wanted to run an article on it. I agreed, QST provided an editor who excerpted material from my contest entry manuscript I simply reviewed and commented on his work. Simple process except for the 3 years working on the mechanics!

-----  
Editor: I've met and worked Wayne – N4FP during many CWOps CWT's and contests. Turns out that we both know Wayne.

Wayne - N4FP, and his wife Marty are friends. He is a really an outstanding CW op and his wife isn't a slouch either.

Remember Wayne, WA1PMA the PVRA repeater guy? He is close by Ocala Fl., so I see him a couple of times a year.

Plans... I am hungry for one of those Vertical Bugs from Viskey, I tried one and really liked it. (Birthday is coming soon!)

Got to run, 73  
Don W1EJM

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

**Executive Board:**

President – Marcus Swearingen, AB1WV  
ab1wv@silverswear.net  
Vice President – Jay Albano, N1NRP jjalbano@aol.com  
Secretary – Gary Adams, N1GSA  
mrclipper69@yahoo.com  
Treasurer – Tom Coury – WX1T couryt1@gmail.com

**Directors:**

Harlan Ford, W1QH hford01@snet.net  
Roger Mitchell, NG1R roger.mitchell@snet.net  
Dan Fegley, W1QK w1qk@snet.net

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CAPERS is the monthly newsletter of the  
Candlewood Amateur Radio Association  
Editor: Dan Fegley, W1QK  
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*CARA 2018 Calendar – Updated at April 27 Planning meeting:*

May

- 6 – NEQP at W1AW (CARA member - only event, reservations required)
- 11 - Nominations open for Elections of officers & directors
  - Presentation by FLYRC
  - Field Day Planning
- 25 – May Planning Meeting

June

- 8 – Annual Elections
  - Field Day Preparations
- 23-24 – Field Day at Tarrywile Park, Danbury

July

- 13 – Skype presentation from DX Engineering, Teri Grizer
- 19 – New Fairfield Car Show – Special Event station: W1QI
- 25 – US/VE Islands QSO Party – Candlewood Isle, New Fairfield - W1QI
- 27 – July Planning Meeting

August

- 10 – Hamfest Prep, open
- 24 – August Planning Meeting
- 26 – CARA WCT Hamfest – Edmond Town Hall, Newtown

September

- 14 – EMCOMM - ARES event – still in the planning phase
- 16 – New Fairfield Days – Special Event station: N1F
- 21 – September Planning Meeting

October

- 12 – YCCC/CARA Joint meeting – Still in the planning phase

November

- 9 – Open

**CARA Program & Activities Committee:**

Marcus – AB1WV, Jay – N1NRP, Dan – W1QK, Bud – W1NSK.

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April 2018

Dear Candlewood Amateur Radio Association,

Thank you for your generous donation to New Pond Farm Education Center. Your gift has become a part of the Sander Pool Memorial Fund. We are looking forward to working with Jen, Alec, Rachel, our staff, and our astronomy volunteers to find a lovely way to honor Sander.

Sander was a valued member of our astronomy team. Several years ago he offered a program on astrophotography with Laird Calia and everyone in the audience was in awe of his magnificent photographs, which illustrated his incredible talents and patience and his sense of wonder, it was an evening to remember.

For many years, Sander helped to lead monthly astronomy nights at the observatory in the middle of our pastures. We usually have about forty people joining us, and Sander would man one of the telescopes and share his knowledge and enthusiasm with eager learners of all ages. He was always engaging and inevitably he would answer a myriad of complicated questions in a way that everyone could understand, inspiring our guests to learn more about the fascinating world of astronomy. Sander will be sorely missed and we appreciate your kindness in helping us to honor this very special man.

With thanks and warm regards,  
Ann Taylor, Executive Director

New Pond Farm Education Center

## **NOTICE TO CAPERS READERS**

**CAPERS is an important aspect of our club.**

It's time for **more participation** with this publication.

**CAPERS** is looking for ANY and ALL input.

Don't be shy, just send a few words, a picture, link, or short message to Dan Fegley, your Editor. If possible, text should be submitted in Microsoft Word format, and images in .jpg format. Please use picture files that are sized for publication.

**w1qk@snet.net**

**CAPERS** deadline for input:

LAST Friday of the Month preceding the meeting.

**CAPERS** will be released:

Monday before the scheduled Friday monthly meeting – or earlier if possible.

73- Dan, W1QK – CARA Capers Editor

# NATHAN HALE Special Event Station Info

## Presented by Housatonic ARC & Westport Astronomical Society ARC

N1H Commemorates the life and birthday of Nathan Hale (June 6, 1755—September 22, 1776), a spy for the Continental Army during the American Revolutionary War. A graduate of Yale University in New Haven, CT, he taught school for two years, first in East Haddam, CT then in New London, CT. After the British captured him while on an intelligence-gathering mission in New York City, Hale reportedly gave his famous speech: *"I only regret that I have but one life to lose for my country!"* His hometown is Coventry, Connecticut and he was officially designated the State Hero of Connecticut in 1985.

<p>NATHAN HALE: CONNECTICUT RESIDENT AMERICAN PATRIOT</p> <p><b>N1H</b></p> <p>P.O. Box 421 Stratford, CT 06615 USA</p> <p>N1H commemorates the life of Nathan Hale (June 6, 1755 – September 22, 1776) a spy for the Continental Army during the American Revolutionary War. A graduate of Yale, he taught school for two years, first in East Haddam, CT then in New London. After the British captured him while on an intelligence-gathering mission in New York City, Hale reportedly gave his famous speech.</p> <p>His hometown is Coventry, Connecticut and he was officially designated the state hero of Connecticut in 1985.</p> <p>Sponsored by The Housatonic Amateur Radio Club <a href="http://www.n1kt.org/">www.n1kt.org/</a></p>	<p>"I only regret that I have but one life to lose for my country"</p>  <p>QSO w/:</p> <p>Date/Time:</p> <p>Frequency (MHz):</p> <p>Mode:</p> <p>RST:</p>
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### QSL INFO

For PDF certificate, email contact info to [HARC.N1KT@gmail.com](mailto:HARC.N1KT@gmail.com).

For QSL Card, send QSL & SASE to

**Ken Johnson - NE1CU, PO Box 421, Stratford, CT 06615**

**Operating Schedule:** Saturday June 2, 12 noon - 10 pm

Sunday June 3, 9 am - 2:00 pm

14.250, 7.250 - SSB, PSK31 - See ARRL Listings for Details

### RELATED SITES

<https://www.ctlandmarks.org/nathan-hale>

<http://www.ctvisit.com/listings/black-rock-fort-and-fort-nathan-hale>

<http://connecticutsar.org/historic-sites/nathan-hale-schoolhouse-new-london/>