



Capers

May - 2022



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, May 13

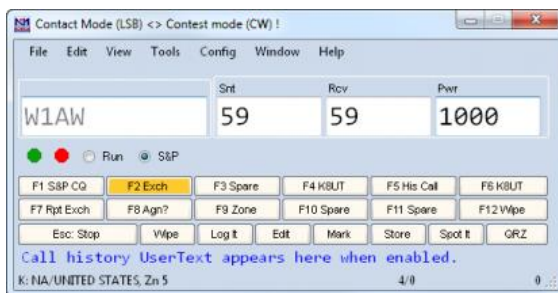
This meeting will be conducted *via Microsoft TEAMS* Video Conferencing. Sign onto TEAMS at 7:00 pm for socializing and conversation, meeting begins at 7:30 pm. *Teams* conference invitation emailed to CARA membership.

This month's meeting presentation: *N1MM Logger Plus* by Anthony Luscre – K8ZT



N1MM Logger+

N1MM Logger is the world's most popular 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, and the manual may sometimes fall behind the code when this happens. Consult the N1MM [Update History](#) notes for information on the newest features of the program that may not have made it into the manual.

- Click [HERE](#) for a quick look at some of the program's features
- Click [HERE](#) to go directly to the beginning of the Getting Started section of the manual, in case you want to dive right in

President's Message – de W1NSK



Hard to believe it is May already! As our minds begin to wander to outdoor activities with family and friends, it is good time to start thinking about antenna projects and repair now that the weather is warmer. If you get to it quickly enough, especially wire antennas, the leaves will not be out fully making your task easier.

Some good news on the horizon. We may have found a new venue for the CARA Western CT Ham fest. The Newtown Old Town Hall Firehouse will be torn down as well as new grading / paving of the lower parking lot is being done this summer. Our problem is that we cannot be guaranteed that all construction will be completed by Sept. 11th. We did some searching and came up with the Danbury PAL Facility. John (W1JGM) and I have met with the Director and are working thru some issues. More to follow at our regular meeting May 13th.

The informal CARA POTA activation at Squantz Pond in New Fairfield was a success and enjoyed by those who attended. Nice to get outdoors and see club members in the live format for a change. It was discussed at our planning meeting on April 22nd, and many would enjoy a regular club POTA event monthly. One has been scheduled for May 21st. Location to be decided.

As always, we are looking at folks to be involved helping the club on the committee level. If you have an interest, please let John or I know, and we will get you involved. You will find the more involved you are, the more you learn and fun you will have!

See you on the Air!

Bud Kozloff - W1NSK
CARA President

May 13 Meeting Agenda

Call to Order & Pledge of Allegiance

Presentation:

N1MM Logger + Contest Logging Presentation by Anthony Luscre - K8ZT

Business Meeting

Acceptance of Minutes as Published in CAPERS

Treasurers Report

Committee Reports

Repeater: Identification and sequencing

Web Site Revision: Status

Field Day: Ball Pond Fire House.

Antenna, rope & coax inventory: June meeting?

Hamfest: Venue; Danbury PAL Facility? 2023 Date reservation

NARA Sister Club update

Old Business

POTA event April 16 Summary - 40M Bandpass filter repair

Review of CARA May 8 activation of W1AW for NEQP

Stony Hill FD meeting venue update

New Business

Proposed POTA May 22 event

Annual June election of officers - Nomination Committee update

Review and update of CARA Standing Committees

Future Speakers: July?

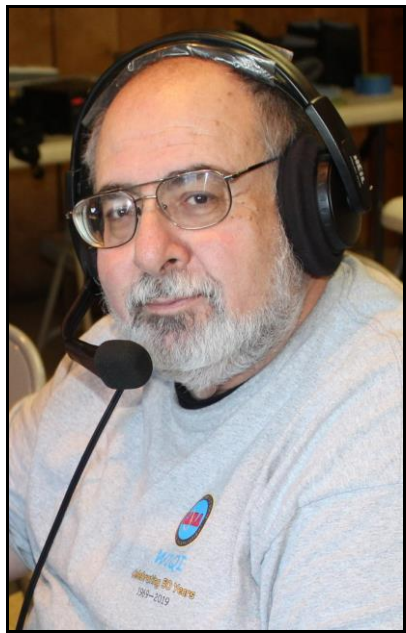
ARRL Grant Ideas

Pasta Night Dinner – Tuesday, May 17th 6:00 pm

News and Views: Round Robin members forum

Adjournment

Vice- President's Message:
de W1JGM



Welcome to May.

As the weather becomes warmer, some remnants of winter return every couple of days with teasers of just perfect days, presenting opportunities to be outside checking or repairing your station's antennas. Replacing a frayed support rope is an easier task when the original rope is still intact. If not, it's a more involved process to get one back up.

Hamfest Update; The CARA hamfest committee is still working on securing a venue and starting to get the word out. More details of our progress at the May 13 meeting.

Bud and I met with Fred Kemmerer – AB1OC, ARRL New England Division Director to explain our position regarding the Northeast HamXposition scheduling conflict. Although there's no way to change the situation, we did make our concerns known and Fred brought them to the ARRL Board of Directors at their meeting.

The club held a very successful POTA event at Squantz Pond State Park in April. Several of the newer club members got a chance to work HF for the first time. It was interesting to see their reactions as stations from

all over the USA came back to their "CQ POTA" call. We're planning another event for May 22 at Lover's Leap State Park in New Milford, we are looking to meet at the park around 9:30 and operate till 3 or so. Come join the fun and operate "Parks on the Air".

By the time you read this a small group of CARA members will have operated the New England QSO Party - NEQP at the W1AW Hiram Percy Maxim Memorial Station in Newington, CT. I hope that you participated in this annual operating event and perhaps contacted them.

We'll meet again at the Amerigo Vespucci lodge on Tuesday, May 17 at 6:15pm for our monthly Pasta Night Dinner. The cost is \$12 for the meal and there's an open bar for beer and soda. Plan to join us to meet friends and have dinner.

There are still a few members remaining who aren't current with their 2022 Dues. Dues can be sent to the treasurer via PayPal at www.paypal.me/caradues or by USPS at CARA, P.O. Box 55, Brookfield, CT 06804. Regular membership is \$30, Over 65 is \$15, Associate members: \$10. Be sure to use the "send" button on PayPal to pay your dues on the site. Do not "Request" payment, as we won't send you any.

Thanks, and get on the air.
73,
John Morelli - W1JGM
CARA Vice-President



CARA Has been an ARRL Affiliated Club since 1946 – 75 Years in 2021

April 8 Monthly Meeting Minutes

de CARA Secretary, Gary Adams – N1GSA



Meeting called to order at 7:32pm by Pres. Bud Kozloff.

Pledge of Allegiance was recited.

There were 14 people present.

Meeting recording was started and is on Teams.

John gave a short talk about the Balloon Rescue project that we successfully retrieved from New Fairfield on Thursday. The Bergen County Technical High School (New Jersey) launched this back in December. It came down on a residential property behind Icon's Restaurant approximately 100 ft in a tree. There were two property owners that gave us permission to enter their properties to retrieve this package. This was not more than a few hundred feet from Candlewood Lake. It is a school project that was launched, near Scranton Pennsylvania. There are many pictures that are on our Teams site. John, Charlie, and Gary along with Dr. David Reeves and Mark Tronicke, two teachers from the school, did the actual retrieval with the help of an extendable pole saw from one of the landowners. They will keep us

informed of future projects. Meeting Recording stopped and restarted.

Round Robin introductions followed. Everyone had the opportunity to explain what has been going on in their day to day.

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

Treasurer reported an opening balance of \$8172.57
Ending balance of \$7806.35.

Repeater Committee stated that all is working properly at this time. Dana Underhill – KB1AEV, is awaiting the repeater for programming to complete the linking part of our system. No date set from Danbury Fire Dept regarding access to the top of Spruce Mtn.

There are 67 members on the roll with only 40 current with their dues. This is probably partly due to our website problems.

Field Day is upcoming. We had previously agreed to do this at Ball Pond Firehouse as we have done in the past.

Hamfest Committee reported that messages have been left at Edmund Town Hall with no response. We will need to continue investigation of possible new locations. We could register up to two years in advance with ARRL to save our date for the Hamfest. We will investigate getting the Sunday after Labor Day as our listed date.

Website report from Stefanie was next on the list. She has made progress with this. She has made it to version 4 with updates. She is still working on more updates to get all things current. The site IS up but with some problems with formatting. It doesn't look correct, but it does work.

Ron – N1IBQ, and John – W1JGM, are trying to coordinate for the POTA event this weekend. Tents, chairs, tables, band filters, etc. The goal is to keep this an easy event so that it is not like Field Day with all

the intense set-ups. Motion made to authorize \$100 for food at this event. This was passed. John is trying to contact the Park Ranger, as it is not officially open until after Memorial Day, to access the upper parking area. Harlan will bring his Honda generator for this. We will check out proper registration for POTA regarding the Club Callsign. John, Ron, and Dan will work on the logging program to use for this event.

NEQP is coming up fast on May 8th. This also happens to be Mother's Day. The club usually makes a trip to operate W1AW in Newington. There, you get to play with all the power, antennas, and radios at the ARRL Headquarters. We will need to know who wants to go, in order to coordinate carpool(s).

Dave Sumner, K1ZZ has received his 2021 NEQP First Place High Power plaque sponsored by CARA.

Next month, we will have a program on N1MM Logger + starting with hints and tips for beginners and then moving on to more advanced features of the logging program.

We do not have any scheduled speakers for the July or August meetings. John will contact Bob Heil about July. It was asked that anyone with an idea for future presentations to forward to Bud. Dan suggested inviting Rich -N1IXF to make a presentation about getting started with RTTY contesting, since he's an active RTTY contester and a member of YCCC.

The monthly Pasta Night dinner at the Vespucci Lodge will be coming up on May 17. The price did go up to \$12.00.

Dan offered to create and mail the CARA Certificates of Appreciation to our guest presenters. A motion was made, then amended to include all those presenting for the year 2022 with expenses not to exceed \$100. This was seconded and passed

Meeting adjourned at 9:30 pm.

Respectfully submitted,
Gary S. Adams - N1GSA, Secretary

April 22 Monthly Planning Meeting Minutes

Meeting called to order at 7:30 pm by Vice Pres. John Morelli.

Pledge of Allegiance was recited.

There were 6 people present.

First order of business was the upcoming Hamfest. The Edmund Town Hall may or may not be available for our use. They are going to be having some major renovations taking place in the rear parking lot.

Dan sent an email to the Executive Committee and Directors suggested holding our Hamfest at the Danbury PAL on Hayestown Road in Danbury. The PAL building has been looked at by John and Bud. This could be a totally inside Hamfest at this location. This would alleviate the possibility of a Rain Date. This location has a functional kitchen that is available for our use also. There is a conference room for VE testing. There is a parking lot that is larger than Newtown, but it is also used by the Town Park that is just across the road. The building cost would be \$80.00 per hour. This is a price reduction due to our 501C (3) status. There is still conversation back and forth with the building officials concerning details. There will be Food Service and Tag Sale permits required that must be worked out. There are also questions concerning tarping the floor of the basketball court.

The New England QSO Party is coming up quick. This event is on May 7-8, which is also Mother's Day weekend. We have traditionally operated at ARRL headquarters and have planned to activate W1AW for the NEQP.

The May regular meeting will include a presentation on N1MM logging program by Anthony Lucre – K8ZT.

The June meeting will probably be taken up with Field Day preparations.

There is nothing presently scheduled for the July meeting.

John thanked everyone for their participation in the POTA event. Sunday May 22nd could be a possible date for a future POTA event. There needs to be some coordination with band utilization. Our 40-meter Band Pass Filter was damaged and needs repair. We need to either find or purchase some jumpers to use with these filters. Our original jumpers could be in storage at the Bethel EOC. It was suggested to have a work party at our regular June meeting to inventory and straighten out our storage boxes. We should also check our reels of black Synthetics Textiles antenna rope to see if it needs to be replenished.

The Goshen Hamfest is May 21st from 8am till Noon. \$5.00 entry fee.

The Yaesu DR2X UHF repeater has been removed from Spruce Mtn. This is in preparation for the expansion of the Statewide Repeater system. This will include our link controller to selectively join this system. Dana Underhill - KB1AEV, will program and test this machine prior to taking this back to the mountain. Gregory and Maximo hiked the mountain and Charlie remained at the base. With some oil and TLC, access to the container was not much of a problem. There are still some minor repairs that need to be addressed. The batteries were checked during the access. The roof needs attention before further damage occurs. The UHF unit that has been at W1JGM's home has also been obtained to be programmed at the same time. We should consider how our machines are linked and when they are linked to the NARA system. Echolink is also a problem with linking that should be addressed.

John asked Dan, as a trustee, for help confirm the way that our repeaters identify themselves. John has received inquiries about this. The question comes about concerning repeater identification during a QSO by 2 operators. It is it necessary for the repeater to identify itself in addition to individual operators' identifying themselves. This will take further investigation for clarification.

Stony Hill Firehouse should be available for our use in the next 2 weeks. There is a new system in place for

gaining access to the room. We will need to get the new codes for the door. This is now a smartphone app that connects to the system. We are waiting for solid confirmation to this.

The website programming is still in progress. Stefanie Fuda has been working on this when time allows.

Meeting adjourned at 8:45pm.

Respectfully submitted,
Gary S. Adams - N1GSA, Secretary

RE: Spruce Mountain Visit Report
April 16, 2022

Photo & text credit: WR1Z

CARA crew: WR1Z - GGDavis, KC1OSQ - Massimo Dalessandro, mountain hikers. KC1IBR - Charles Setaro at base camp. Objective: Retrieve UHF repeater for programming upgrade.





Fallen trees are obstructing the ATV path to Spruce Mtn. Summit at several locations.



Rust spot that will perforate the roof.



Roof needs maintenance.



Piling deterioration, SE corner. Door cam locking levers ready to break at the welds. Brush growth inside the fence now requires bow saw to cut 7 years of seedling growth.

CARA plans to return to Spruce Summit in 6 weeks' time to install re-programmed repeater, controller, linking radio, antenna, mounts, & cable. Approx. time needed at the

summit: 3 hours. CARA crew: 6

CARA requests in advance Danbury Fire Dept. ATV to assist with the transport of gear & crew for this project.

Please advise how CARA can help with roof maintenance and door locking rods/levers.

Sincerely,
Gregory G. Davis WR1Z
CARA repeater chair, 2015-2022

New Jersey Balloon Project

January Monthly Meeting Follow-up

W1QK – editor

At our January 14 CARA meeting, we were joined by Dr. David Reeves - K2DCR, who explained about the Bergen County Technical High School's (New Jersey) hot air balloon launch and how their balloon was stuck in two tall trees in New Fairfield after being launched from Scranton, PA in early December.

The balloon payload consisted of several experiments, which were created and implemented by his students. Two cameras were also on board. The expectation was that the balloon would make several world-wide orbits to gather and report data.

Dr. Reeves contacted CARA VP, John Morelli – W1JGM, and both he and his students were understandably very anxious to recover their payload from New Fairfield.

W1JGM, discovered the balloon and its snarled payload on December 20, 2021.

Charlie Setaro – KC1IBR, took an extensive series of digital pictures to document the status and sent them to K2DCR.

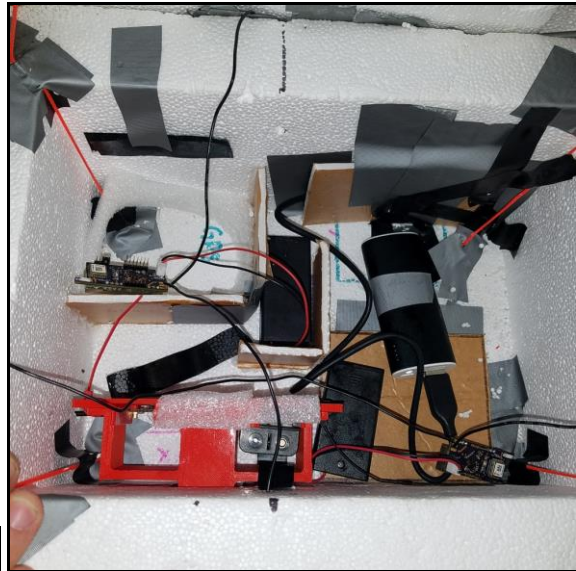
Several ideas were explored to engineer the means to remove the payload and the remaining portions of the balloon and parachute that were stuck in the tree.

The New Fairfield homeowners were cooperative in allowing access to the balloon for inspection and photography.

On April 7, a team consisting of Dr. David Reeves – K2DCR, and Mark Tronicke, two teachers from the school, did the actual retrieval using a bow & arrow plus an extendable pole saw from one of the landowners. On hand to assist were CARA members: John – W1JGM, Gary – N1GSA, and Charlie – KC1IBR.

Shooting an arrow trailing some fishing line into the ropes that supported the payload provided the means to pull up some heavier rope to eventually remove the payload (white Styrofoam cooler), which contained radio tracking equipment and other instruments.







Balloon Experiment Recovery Team: (L-R)

Dr. David Reeves – K2DCR, Gary Adams – N1GSA, Mark Tronicke, John Morelli – W1JGM, Charles Setaro – KC1IBR.

The included images of the successful payload recovery were taken and submitted by Charlie Setaro – KC1IBR.

Re: High Altitude Balloon Rescue

Thu, Apr 7 at 6:47 PM

Hello All!

Thank you so much again for all your help on today's mission - I think we made lots of folks happy today. I have heard back from the aerospace teacher and he is over the moon.

I am in the process of accessing the data, and I have flight video so far for the majority of the track.

I am attaching a still which I believe to be a view of Candlewood Lake looking East from about 15000 ft above I84. I have marked what I believe to be the landing site with a red circle. Unfortunately, the video cuts out just after this still, but I like that we got the whole lake in for you!

We will send more pictures and video etc. as we work on it.

Best wishes,
Dave

Re: High Altitude Balloon Rescue
Thu, Apr 7 at 7:53 PM

Also visible on the left is my homebrew collinear antenna tuned to 915 MHz for LoRa. It actually worked, even though I did not use a Harley to make it :)

<https://youtu.be/IVD-dnYLv-U>

The next launch is likely in mid-May, we usually launch from just north of Scranton PA.

Re: High Altitude Balloon Rescue
Thu, Apr 7 at 7:36 PM

Nice!

I am fairly certain that it is NY 22 winding its way across the middle of the frame. I am not sure, but I suspect Patterson is in the bottom left.

On Thu, Apr 7, 2022, 7:29 PM CJS

David, it was our pleasure to help. It was a fun, safe and successful mission and glad it came the day before the students go on break.

I've enhanced the picture you sent us and am soliciting members to figure out the landmarks visible in the pic. Fascinating pic... the high res versions will be even more dramatic.

You and Mark make quite a team!

Charlie – KC1IBR



Flight image looking East - created by the onboard balloon project camera. Top of the picture shows the entire length of Candlewood Lake including the recovery location in New Fairfield, CT indicated by a very small red circle. *Image provided by K2DCR.*

David Reeves <drreeves@gmail.com>

Wed, Apr 20 at 1:04 PM

Hi All,

I just made a new video from the balloon using the telemetry and video that we recovered from the onboard data logger. Enjoy!

<https://drive.google.com/file/d/1iVnuqKPWT-VIIKIRtBmBtqtZENlbannb/view?usp=sharing>

Best regards,
Dave

This Month's Presentation:

N1MM Logger Plus
by Anthony Luscre - K8ZT.



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 upgraded.



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

First licensed in 1981 as KA8NRC, Anthony has been a QRP operator from his very first QSO (no one told him Novices should not start with a 2-watt QRP rig). Changed callsign to K8ZT in June 2000 after updating to Extra Class License. One significant thing in his early Amateur Radio learning was publications of two QRP clubs- SPRAT from the GQRP Club and QRP Quarterly from the QRP ARCI.

He is active in a variety of Amateur Radio activities, but his favorite activity is operating! Whether it is contesting, DX'ing or rag chewing, satellites, etc. CW Phone or Digital the QRP contacts have added up and now top 98,000. First drawn to contesting by his love of working DX, he has consistently finished in the top ten of a variety of major contests, finished first in the US in both CQ Worldwide Phone and CW QRP categories multiple times. As a bonus, his QRP DXCC total recently topped the 326 mark and he has completed 11-band WAS.

Recently retired, Anthony's work background includes 20 years as a Medical Technologist working in Clinical Microbiology, private computer consulting and 20 years as a Computer Technology Coordinator, Technology Director (most recently as a Technology Integration Specialist for 30 school districts). His retirement activities include volunteering as a Trainman on the Cuyahoga Valley Scenic Railroad.

Anthony lives with his wife Linda, KA8ODP, near Akron, Ohio. His station is not a super contest station. His small suburban lot is cramped with a modest array of antennas, proving that you can be competitive in contests without acres of aluminum if you choose your entry category carefully.

Anthony currently serves as ARRL Ohio Section Youth Coordinator. He enjoys sharing his Amateur Radio interests with others by maintaining two websites k8zt.com and ZTlearn.com, writing articles for a variety of publications including CQ Magazine (new column "Ham Radio Explorer" debuts in Dec

2021 issue), DX Engineering blog "On All Bands" and developing an online course for the ARRL. In addition to frequent in-person club presentations pre-COVID, during the pandemic, he has done over 100 club presentations virtually in multiple states and countries.

Member and Station News:

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

Just snap pix of your station, antennas, mobile installation, etc. and send it to w1qk@snet.net

Capers welcomes and encourages member input.

CARA welcomed several new members over the past month or so.

KC1PNP – Jennifer

KC1QVE – Susan

KD2VUP - John



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 & Administered by CARA Secretary, Gary Adams -N1GSA.

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



2022 Ham Exam Schedule



Upcoming Contests, Hamfests & Meetings:

- May 9: CT ARES Region 5 South Monthly Meeting via TEAMS
- May 13: CARA Monthly meeting **via TEAMS**
- May 14: Portuguese Navy Day contest, Canadian Prairies QSO Party
- May 17: Pasta Night dinner at the Italian American Club – Danbury, 6:00 pm
- May 21: Goshen Hamfest – Goshen Fairgrounds
- May 22: CARA Parks On The Air Event – Lovers Leap State Park, New Milford
- May 23: CT ARES Region 5 Meeting via TEAMS
- May 27: CARA Monthly Planning Meeting via TEAMS
- May 27-29: CQWW WPX CW Contest
- May 11, 18, 25: CWops CWT 1300Z & 1900Z Wednesday, and 0300Z (Thursday)

June 3: June 2022 Capers input deadline

Complete Contest calendar at:

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

Upcoming 2022 Amateur radio exams:

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

Northeast HamXposition

Our electronic ticketing is now live! Visit our website to purchase general admission, flea, and Friday and Saturday banquet tickets!

Main Webpage: <https://hamxposition.org>
Ticket

Ordering: <https://hamxposition.org/ticketing>

New for this year, your organization can also purchase ads for our printed program book as well. To see the ad purchase section, go here:

<https://hamxposition.org/ticketing/ewo.html>

73,
Bob - K1IW
Chairman
HamXposition 2022



Important NARA Sister Club Update

www.NA1RA.org is not-for-profit 501(c3) corporation

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

Analog FM Repeaters: New Milford 146.730 MHz - 600 kHz **PL 151.4 Hz,
Washington 441.850 MHz +5 MHz **PL 151.4 Hz**,
Woodbury 444.800 +5 MHz **PL 151.4 Hz**,
Warren 53.970 MHz -1 MHz **PL 151.4 Hz**;
EchoLink NA1RA-R;
DMR Repeater: 440.9625 +5 MHz, CC1**

NARA is in the process of extensively updating many parts of their repeater system at the Woodbury, Washington and Warren sites.



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: Control Cable question

From: Ron Rossi, KK1L

Date: Fri, 22 Apr 2022 16:15:42 EDT



On 4/22/2022 15:51, Ron Rossi wrote: I have had mice/chippies eat nearly all the insulation off of a small length of one of two runs of CAT5 in a 4" pipe to my tower several years ago. The replaced run started seemed to last, but just recently switched to Wi-Fi driven 2x6 switching setup...12V and coax only.

I still have the segment of CAT5 that was chewed...it is that memorable. I will get a pic when I get into my office again (COVID restrictions at the moment).

73 es God Bless de KK1L

Ron <>>

<http://kk1l.com>

On 4/22/2022 12:29, Alex, WK1O wrote: Does anyone have experience with using CAT-5 or CAT-6 cable as a control cable outside?

My question is about durability and possible food source for mice and squirrels?

We need to put 500 ft or so of control cable for antenna switching and look for an inexpensive solution.

Alex, WK1O



The CW Operators' Club

cwops.org

The CW Operators' Club, commonly known as CWops, is an international organization, in membership and management, for amateur radio operators who enjoy communicating using Morse Code. Its mission is to foster the use of CW, whether for contesting, DX'ing, traffic handling, or engaging in conversations.

Visit the CWops website to learn more about CW Academy and how you can sign up for the popular & free on-line CW training classes.

<https://cwops.org/cw-academy/cw-academy-options/>

To become a member of CWops:
<https://cwops.org/membership/>

Source: *CWops Reflector with credit to all contributors – Editor*

AC7T cwops #822 on TV
From: Robin WA7CPA
Date: Tue, 26 Apr 2022 06:35:33 EDT

Questions of accessibility arise after blind man struck by car in Redmond | FOX 13 Seattle - YouTube

My good buddy AC7T, a blind ham, Doug Payne, with his guide dog, Kenton, was struck by a careless uninsured driver March 25 as he walked up the sidewalk he has walked several times per day to and from his Redmond, WA condo for the last 20 years. Suffering head trauma, Doug spent time at Harborview Trauma Hospital before being transferred to Evergreen Hospital for rehab. His insurance called him up Thursday and said they were done paying. His shocked doctor got Evergreen to pay for 2 free days to give everyone a plan for his release home. There are 53 steps up to his apartment. Doug has a blood clot

behind his ear, hearing loss, dizziness, facial paralysis, and some impaired memory. These are all important to a blind man navigating the world. A fast walker with Kenton before the accident Doug is currently unable to have his companion back until he regains some of those abilities. Doug went home by cabulance and 5 Redmond firefighters and paramedics met him to escort him up those stairs where he will stay until he is ready to get down them again with assistance. He suffers terrible headaches by the end of each day. Through the Redmond Neighbors Group on Facebook a Meal Train was organized and hundreds of people have offered shopping and errands, etc. A Go Fund Me Account has raised so far over \$13,000 for his out of pocket expenses. Doug's favorite store, Redmond Trader Joe's is donating a bag of Doug's favorite chocolate and snacks. Radio Club of Redmond President, K7RLD, did some handyman safety work in Doug's apartment yesterday. Hundreds of well-wishers are following Doug's story on Facebook. This afternoon Doug was interviewed by Q13 television. The story is now on a YouTube link above. This is a very positive uplifting story of hundreds of good people rallying around a blind man who has suffered a terrible injury by an uninsured driver with no assets. I recommend watching it because it has brought a lot of people together for a good cause in this divisive world full of bad news. Out of something devastatingly bad, good things are happening in the hearts of people. The Redmond Fire Department has decided Doug will be the beneficiary of their 2022 Benevolence Fund from their upcoming July 9 Pancake Breakfast during Redmond Derby Days. And the Radio Club of Redmond is rallying around one of its long-time members.

I thought CW ops might like to know this story is about Member #822, AC7T, Doug Payne, one if its own.

Re: AC7T cwops #822 on TV
From: C R Murrell
Date: Tue, 26 Apr 2022 10:58:18 EDT

Goodness exists in our world, great story. The rough, often hateful, stuff gets the most air time it seems. God bless all who help others.

Charles
K5KXJ

Re: AC7T cwops #822 on TV
From: Tom McGinley
Date: Tue, 26 Apr 2022 11:46:49 EDT

Hi Robin,
Tnx so much for sharing this incredibly sad story of CW Ops member Doug, AC7T. We've QSO'd Doug several times in past years. I will be contributing to Doug's Go Fund Me page today. Hoping other CW Ops members will do the same. Perhaps the Board will decide to contribute on behalf of the membership. It's the least we can do given Doug's special needs and circumstances.

73, Tom K7QA

Re: Pileup advice
From: GLENN P. KE4KY #1763
Date: Thu, 28 Apr 2022 22:02:00 EDT

Free program, good learning tool:

<http://www.dxatlas.com/pileuprunner/>

Another free program, Morse Runner has a competition mode where many come at you at once:

<http://www.dxatlas.com/MorseRunner/>

Glenn KE4KY

Pileup advice
From: Gordon Anderson
Date: Thu, 28 Apr 2022 17:42:28 EDT
I would like to get some advice from the group.

I operate S&P in the CWTs but run in SSTs, and SKCC contests and plan on running in MSTs. My plan is to build my skills and learn to deal with pileups so I have the confidence to run in a CWT. I would like to get some advice and hear your techniques for dealing with pileups. Most of the time is not too hard to get a partial call and then send just the partial and a ?. In CWTs I will get get the partial and no ? because the OPs expect I know what I am doing. Its interesting in my case because a lot of time I get a Y or a YU, maybe that part of the call is distinctive or its just at the end. In the SKCC sprint this week I had a two stations call me right on top of each other and all I could get was a P at the end of one call. So I sent P?, then I got them both back again on top of each other and only got a P, so I sent P again and the same thing happened. Then I send PSE P? And again both of them right on top of each other. So I just waited thinking one of them will call again and I can get the Q.

To my surprise another OP jumped in and starting calling CQ, so I move on. This kind of thing happens to me occasionally and its pretty frustrating. I would love to hear any tricks I can add to my tool box to better deal with this. I am sure the two OPs who were trying to contact me where a frustrated as I!

Thanks!

—Gordo, KG7YU, 2996

Re: Pileup advice
From: VE9AA - Mike
Date: Thu, 28 Apr 2022 17:51:42 EDT

Download MORSERUNNER and practice practice practice. It comes bundled with N1MMLogger+ if you're using that for logging.

BTW, with much respect, 2 or even 3 callers is not "a pileup".

Go to a rare Island and run.....THAT's a pileup <smile>

If you are running and are new at it, then you have to know that YOU are in charge.

My advice, keep practicing.

During any major contest(not necessarily CWT's), spend a few minutes listening to various technique of the guys who are running and how callers are responding. Sometimes pausing *IS* the right thing to do, but I would propose that most of the time, it's not the thing to do.

Hard to be in charge when you are doing nothing. ;-)
(and yes, on occasional, I pause and do nothing, but it's not my usual go-to)

Re: Pileup advice
From: Rob K6RB
Date: Thu, 28 Apr 2022 18:00:58 EDT

Gordo,

After a while you will become more adept at focusing on one callsign amidst two or three other callers. It helps if one is way louder than the others, or they are not too close together.

If you get a partial and do as you're doing that's fine. Yesterday I had two callers with Ys in their calls. When I sent Y? they both responded. So I paused and one came back. I worked him, then the other called.

My advice is not to persist if your query results in multiple responders. Just wait. If a third jumps in, as happened to you, work him and end with a TU and see if the other two are still hanging.

Sometimes strange stuff happens. I had AA6XA and AA6X calling me at the same time. It took a while sort them out. AA6? was no help. Your plan to run in SST and MST is a good one. I find that pausing after getting two or more callers, rather than sending a partial, works well. Not always. Have fun.

Rob K6RB

We have an imitator

From: Radio Station K0HB
Date: Sun, 01 May 2022 16:44:12 EDT
<https://internationalcwcouncil.org/mst-contest/>

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

Editor: Who knew that there were so many organizations dedicated to promoting and advancing CW? Proves that CW is stronger than ever as a viable amateur radio mode.

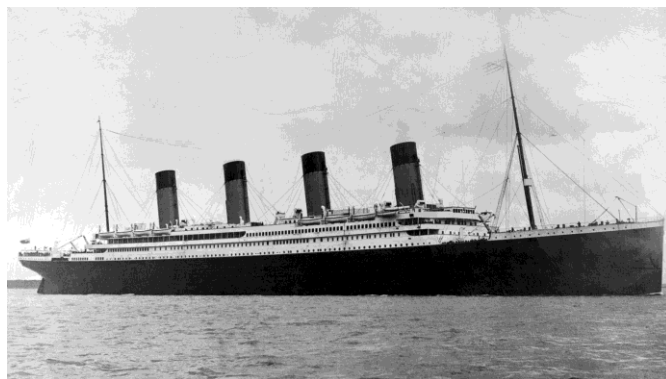
FW: Titanic Text Messages - A Streaming Log of Distress Transmissions – YouTube

From: N3JT

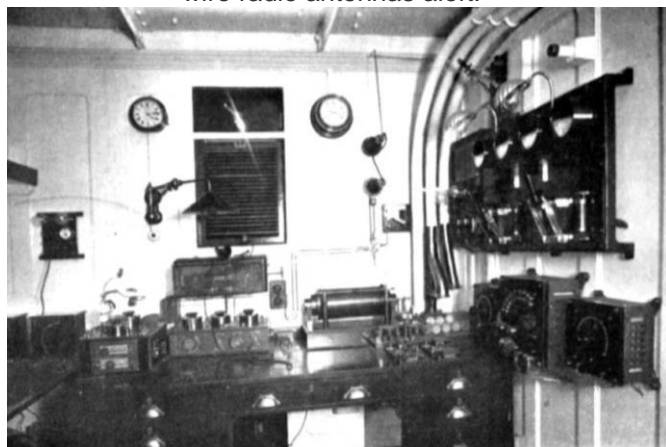
Date: Mon, 02 May 2022 18:57:33 EDT

Scan forward toward the end for the full impact. You can just imagine....

https://www.youtube.com/watch?v=FxRN2nP_9dA



Titanic's dual masts suspended wire radio antennas aloft.



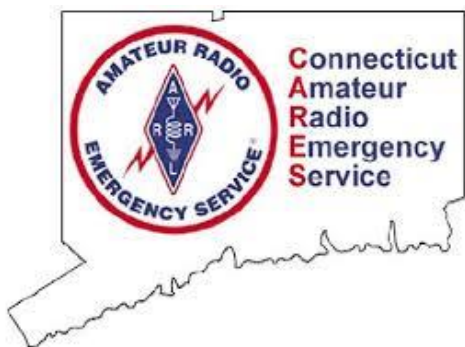
Marconi Wireless room aboard the Titanic.



Connecticut Phone Net – CPN

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

CARA Contributions to CPN:
Tom Coury - WX1T: CPN manager
Harlan Ford - W1QH: Wednesday Net control



Next CT ARES Winlink Wednesday:
Wednesday, June 1, 2022



Visit this website to learn more about CT ARES and Winlink Wednesday:
<http://www.ctares.org/>

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

The Hon. W. Craig Fugate

Former Administrator, US Department of Homeland Security, FEMA

The following information is being shared with those municipalities with CERT teams, and comes out of Manchester OEM/CERT. They have provided the attached two (2) documents for a weekly amateur radio CERT NET. This linked radio system will enable CERT teams with this communications capability from across the State to communicate with each other regardless of internet or telephone communications being disabled.

They will be testing this NET every Tuesday at 7:30 PM beginning on Tuesday, April 5th, and will be operating on the KB1AEV linked repeater system.

Manchester OEM/CERT has requested that information be shared with all CERT teams in the State.

Please note that this is not an "Officially" endorsed communication system, and participation is strictly voluntary. However, it may prove to be an option in time of a disaster when communication systems fail.

Point of contact:
Donald Janelle
Deputy Director Manchester Emergency Management
Planning Section Chief, CT 3 IMT

860-647-5259
www.ct.gov/demhs

**FORWARD: AMATEUR
VOLUNTEERS FOR 2022 ANGEL
RIDE**

**ANGEL RIDE RETURNS TO
CONNECTICUT.**

ARRL Members Only Web site
Mon, May 2 at 9:23 AM

Angel Ride supports the Arthur C. Luf Children's Burn Camp! The one-day Angel Ride Classic will take place on Saturday, 28 May 2022 (Memorial Day Weekend).

BELOW IS THE RELEASE FROM WAYNE GRONLUND, N1CLV. THIS IS A VERY WORTHY CAUSE AND ALL AMATEURS ARE ENCOURAGED TO HELP OUT.

Wayne Gronlund, N1CLV, writes:

Greetings!

After a two year COVID hiatus, Angel Ride (in-person) is coming back strong for 2022! As most of you know, Angel Ride now supports the Arthur C. Luf Children's Burn Camp! The one-day Angel Ride Classic will take place on Saturday, 28 May 2022 (Memorial Day Weekend).

Beginning this year the Angel Ride route has been moved from ARES Region 4 to ARES Region 2. The Metric Century (100 km) ride is roughly a "figure 8" that will begin at Essex Fire Department. The middle of

the "figure 8" (Rest Stops 1 & 3) will be at Chester Hose Co. The top of the "figure 8" (Rest Stop 2) will be at St James Parish Hall in Higganum.

The Region 4 ARES Mobile Comms Unit (MCU4) will be deployed to the Essex Fire House and serve as the Net Control Station. I am looking for ham radio operators to setup at the two Rest Stops as well as at key locations (TBD) along the route. If you are interested and available to participate in this very worthwhile charity event, please advise by return email.

See the two attachments for more info. I will share additional details about the ride as they become available.

Note to Dan KB1MMR – with your permission, we would like to use your 2m & 440 KB1MMR repeaters that have good coverage for the ride route. I'll be in touch to discuss!

Please forward this email to any hams who you think might be interested in helping!

Thanx & 73, Wayne Gronlund, N1CLV

Assistant Section Manager (ASM)
Assistant Section Emergency Coordinator (ASEC)

Auxiliary Communicator (AUXC)
Connecticut Amateur Radio Emergency Service (CT ARES)

Cell: 860-917-6472

Email: N1CLV@mac.com Website: CTARES.org

ARRL Connecticut Section
Section Manager: Charles I Motes Jr,
K1DFS k1dfs@arrl.org



Editor: [Rick Palm, K1CE](#)

April 20, 2022

The Coastal Plains Amateur Radio Club (CPARC) April meeting program was presented by [Craig Fugate, KK4INZ](#), on [The Importance of Ham Radio in Disasters](#). Fugate is a two-term FEMA Administrator and current, active advisor and participant in the amateur radio emergency communications community.

[Colorado State University gives extended range forecast of Atlantic seasonal hurricane activity and landfall strike probability for 2022](#): CSU anticipates that the 2022 Atlantic basin hurricane season will have above-normal activity. Current weak La Niña conditions look fairly likely to transition to neutral ENSO by this summer/fall, but the odds of a significant El Niño seem unlikely. Sea surface temperatures averaged across the eastern and central tropical Atlantic are currently near average, while Caribbean and subtropical Atlantic sea surface temperatures are warmer than normal. We anticipate an above-average probability for major hurricanes making landfall along the continental United States coastline and in

the Caribbean. As is the case with all hurricane seasons, coastal residents are reminded that it only takes one hurricane making landfall to make it an active season for them. They should prepare the same for every season, regardless of how much activity is predicted. (April 7, 2022 forecast)

K1CE for a Final: Field Day Prep Session



Colen Boutwell, WA5RKR, served as Incident Commander for the Columbia County ARS Field Day Prep Exercise, Lake City, Florida [Rick Palm, K1CE, photo]

In my home county, I had the pleasure of participating in the Columbia Amateur Radio Society's (CARS) Field Day Prep Session this past Saturday. Hosting the session, which ran from 9 AM to 2:30 PM, was new Columbia County Emergency Coordinator Brad Swartz, N5CBP. The practice and prep session was run as an incident under the Incident Command System (ICS) protocols.

The session was well worth the effort, with Field Day operators transporting and setting up field-expedient antenna systems, solar and generator power systems, and, of course, radios and ancillary gear, all ahead of June's big event. The session also gave new hams and club members the chance to meet team members, and gain some practice with

modes likely to be used on Field Day, including FT8, and SSB voice.

Set-up was accomplished efficiently, and participants gained experience with the Radiogram message format and sending radiograms into the National Traffic System, a function that will gain the team bonus points on Field Day.

And lastly, we all had a lot of fun and enjoyed the camaraderie of our fellow radio amateurs. Think about conducting your own group's prep operation! Field Day is fast approaching. -- *Rick, K1CE*

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.

STRAYS...

Volunteers for CT RFI Team needed

ARRL Members Only Web site

Mon, Apr 11 at 7:17 PM

To All Connecticut Radio Amateurs:

The Assistant New England Director, ARRL, is recruiting volunteers to serve on a RFI troubleshooting Team for Connecticut. So far there are two members on the team. More are needed.

Rob Leiden, K1UI, is an Assistant Director of the New England ARRL Division, and can be addressed via email at: k1ui@nediv.arrl.org.

Volunteers on the team will be trained in RFI detection and problem correction, and equipment will be available to the team.

The team may only be deployed following a request from an amateur to the League, and will work under a Team Leader. This is a detection and assistance process. There is no enforcement by the team or its members. Cooperation of hams and the general public will be employed.

If interested, send an email to Rob Leiden at his email address, with your name, call, address, contact information, and an explanation of qualifications/skills/training/experience.

By: Mutual Security Credit Union on April 19th, 2022



Don't Get Caught in a QR Code Scam



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VectorStock.com/26813024

Scammers never take a break from dreaming up new ways to con people out of their money. Recently, they've even been hijacking QR codes to pull scams on innocent victims. Here's all you need to know about QR code scams and how to avoid them.

What's a QR code?

Before we can explore the details of these scams, let's understand what a QR code is and how one works. A QR code, which is an acronym for "Quick Response code," is a square barcode that can be scanned using a smartphone. It leads directly to a website or app. Businesses use QR codes for any number of reasons, from posting online menus, to scanning coupons, to processing payments and more. In the no-touch era following the coronavirus lockdowns, QR codes are more ubiquitous than ever.

Ironically, QR codes should help prevent fraud, since they take the user directly to the desired site, leaving no room for misspellings or for scammers to lure victims to a bogus website that has a URL that is similar to the legitimate website.

Unfortunately, though, scammers have found a way to weaponize QR codes, too. The technology necessary to create a QR code is not accessible for anyone, making QR code scams easy to pull off and difficult to identify.

How the scam plays out

In a QR code scam, a scammer will replace a legitimate QR code with their own code. A target will then scan the code and make a payment for a transaction. Unfortunately, the target has sent their money directly to the scammer and has not made a payment for the transaction as they believe they have.

In a recent QR code scam, fraudsters replaced dozens of QR codes on public parking meters in San Antonio, Texas with their own codes. Drivers seeking to pay the meter costs scanned these codes and sent their payments to scammers. To make matters worse, many victims also unknowingly shared access to their phones with the scammers, setting themselves up for future scams as the criminals use the information on the phone to pull off additional schemes.

How to avoid a QR code scam

QR code scams can be challenging to recognize. For this reason, the FBI has advised against downloading an app from a QR code and/or downloading a QR code scanner app. However, there are ways to keep yourself safe from these scams.

When scanning a QR code, it's a good idea to treat the link like any other email or text message. Proceed with caution and practice online safety measures as you would with any other online transaction. Check the source of the QR code and the URL that the code directs you to for common

signs of a secure site, including a lock icon, an “s” after the “http,” and whether the URL matches with the URL of the intended site destination.

If the webpage or app the code sends you to seems suspicious in any way, leave it. You can access the payment portal you need by visiting the app or website on your own.

When using a QR code, look for these red flags that can indicate a possible scam:

The URL is different from the home site.
The QR code is posted on a public sign or notice that seems to be tampered with.
The site or app the code directs you to is full of typos.
Knowing how to recognize a QR code scam can help prevent you from falling victim to this emerging and quickly growing scheme.
If you were scammed

If you’ve used a QR code to pay for a transaction and subsequently received an email from the company claiming you’ve never completed the payment, or that the payment failed, you may be the victim of a QR code scam. Let the company know that its QR code has been tampered with and alert the FTC as well.

Stay alert when using a QR code and stay safe!

What countries prohibit ham radio?

While there are currently no banned countries, there are countries that don't let their citizens use ham radio. According to Wikipedia, only Yemen and North Korea currently do not allow ham radio operation by its citizens. Mar 26, 2022

“CW’s Corner”

de W1QK & WA1KRG



CW

Here’s a vehicle on E-Bay Motors’ blog that’s ready for some 20M CW POTA activations, and a great place just to curl up inside and take a well-deserved nap after chasing some laser pointers.





https://www.ebay.com/motors/blog/1996-ford-ambulance-converted-into-a-vanlife-luxury-rig/?mkevt=1&mkpid=2&emsid=0&mkcid=8&bu=43038326892&osub=bdce62367f42d24aff1c005bbdf482ca%257E1624882203937_T_M_ACTIVE_CORE_3_9_TXN_T&segname=1624882203937_1624882203937_T_M_ACTIVE_CORE_3_9_TXN_T&crd=20220419081207&ch=osgood&soiTags=osub%3Dosub%2Csegname%3Dsegname%2Ccrd%3Dcrd%2Cch%3Dch%2Cchnl%3Dmkcid



Submitted to the CARA Reflector by Vinny – N2OHH:

<https://hrra.org/household-hazardous-waste/>

More details on page 38 and 39 of this newsletter. Thanks, Vinny.

[CARA Members] The Appalachian Trail Golden Packet event

Vincent Tompkins via CARA

To: Cara@cararadioclub.org

Mon, Apr 18 at 5:52 PM

The Appalachian Trail Golden Packet event is an annual tradition started by WB4APR in 2009. The goal is to set up 15 temporary VHF/UHF APRS stations on mountain tops, along the Appalachian Trail, and send messages end to end between Georgia and Maine. This year it is on July 16.

For more information, see <https://atgoldenpacket.net/> and join the discussion <https://atgp.groups.io/g/main>



CW suggests the name **Hambulance** instead of Campulance for this unique vehicle.

This is why we celebrate Earth Day



This month's CARA Capers member pop quiz question:

What was CARA Treasurer – Gregory Davis' previous callsign before being assigned WR1Z?

Answer on page 30



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<https://www.youtube.com/watch?v=VCpyezqtcio>

Link contributed by WA1KRG

Visit us on the Web at

<http://www.cararadioclub.org>



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

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

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



A brief word from our editor...

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

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

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

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

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

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

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

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

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

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



About ARRL:

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

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

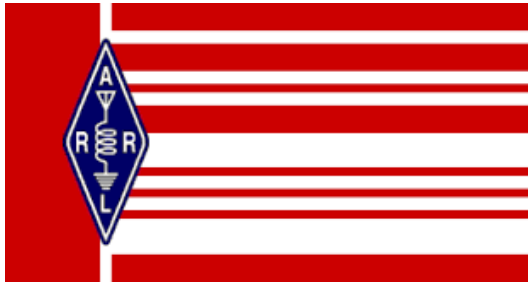
- **Join or Renew Today!** Eligible US-based members can elect to receive [QST](#) or [On the Air](#) magazine in print when they join ARRL or when they renew their membership. All members can access digital editions of all four ARRL magazines: [QST](#), [On the Air](#), [QEX](#), and [NCJ](#).
- Listen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



Volunteers for CT RFI Team needed

Mon, Apr 11 at 7:17 PM

To All Connecticut Radio Amateurs:

The Assistant New England Director, ARRL, is recruiting volunteers to serve on a RFI troubleshooting Team for Connecticut. So far there are two members on the team. More are needed.

Rob Leiden, K1UI, is an Assistant Director of the New England ARRL Division, and can be addressed via email at: k1ui@nediv.arrl.org.

Volunteers on the team will be trained in RFI detection and problem correction, and equipment will be available to the team.

The team may only be deployed following a request from an amateur to the League, and will work under a Team Leader. This is a detection and assistance process. There is no enforcement by the team or its members. Cooperation of hams and the general public will be employed.

If interested, send an email to Rob Leiden at his email address, with your name, call address, contact information, and an

explanation of qualifications/skills/training/experience.

ARRL Connecticut Section
Section Manager: Charles I Motes Jr,
K1DFS: k1dfs@arrl.org



Editor: [Michael Walters, W8ZY](#) April 19, 2022

Using Phonetics to Improve Communications

Doug Mansor, WA8UWV, PCARS

If you've been a ham for a few years, you are probably aware of the phonetic alphabet and have used it or at least have heard it being used on the air. As a new ham, you might have encountered the phonetic alphabet while studying for the test but stashed it away in the back of your mind for later study if needed.

The phonetic alphabet we use as hams is sometimes referred to as the NATO phonetic alphabet and is considered the standard for general use on the air. It consists of words that represent corresponding letters of the alphabet. It is important to use this standard to prevent being misunderstood on the air, such as when giving your call sign, location, or name to a rare DX station or any station under noisy conditions.

It may be fun to create a unique set of phonetics to represent your call sign, but that is not likely to improve communication. When the standard phonetics are used, you will eventually learn to associate that word with the corresponding letter. It's the same mechanism that is used to interpret Morse code. Instead of thinking of "dit dit dah dit" as the letter "F," you simply hear "F" when that code is presented. So, instead of hearing the

word "bravo," you would actually hear the letter "B." If the other station uses nonstandard words to represent the letters in their call sign, you would have to take the time to think how each word is spelled and then what the first letter is. By the time you have accomplished all that, you will have missed the next two words (letters). For example, my call is WA8UWV. If I say, "Whiskey Alpha Eight Uniform Whiskey Victor," it would be readily understood. If I say, "We all ate ugly white vegetables," it would take a while to translate.

When checking into a net, the Net Control Station (NCS) is often required to report the call signs of stations reporting in. If a letter of the reporting station's call is misinterpreted, the NCS report will be incorrect. In regard to the Platinum Coast Amateur Radio Society (PCARS) net, where ten check-ins for each week in a row will entitle you to a certificate, an error in reporting your call might cause a disqualification.

How easy is it for a letter to be misunderstood? I have often mistaken similar sounding letters.

As an example, the following groups of letters tend to sound similar.

Sounds Alike: BCDEGPTVZ AJK QUW IY SX

This group of letters tend to have unique sounds and are less likely to be mistaken.

Unique Sounding: FHLMNOR

As you can see, more letters have the potential to be mistaken than not. The results are highly dependent on the enunciation practiced by the speaker and radio conditions.

Nashua Area Radio Society Online Ham Bootcamp

The Nashua Area Radio Society (NARS) will be holding an online Ham Bootcamp on Saturday, May 14, 2022. The program will be held via [Zoom](#) video conferencing, and is available to new hams across the country. The NARS Ham Bootcamp was created to help new, inactive, or prospective hams learn the skills needed to build their first station and get on the air. Experienced hams who are looking to enhance their club's mentoring programs are also welcome to attend.

Spring 2022 Ham Bootcamp will be held on Saturday, May 14, from 10:00 AM to 6:00 PM Eastern Time. The morning session will focus on Technician-level activities, and the afternoon session will focus on HF activities for General-class or higher licensees. New this year, will be a breakout session where attendees will have a choice between three different sessions.

Here is the agenda:

Repeaters and VHF/UHF Session Activities

- Putting Together a Station for Repeaters - How to pick an HT or Mobile Radio and an Antenna
- Making Contacts and Joining a Repeater Net
- Radio Programming Tutorial
- Getting Started with Amateur Radio Satellites
- Getting Started with Foxhunting

HF Session Activities

- Putting Together an HF Station for SSB, CW, and Digital
- Picking and Putting up an HF Antenna, Feedlines, and Grounds

- Operating on the HF Bands Using SSB Voice
- Getting Started with *WSJT-X* and FT8 Digital

Breakout Session

The final session of the day will be a breakout session where attendees will choose to attend one of the following three sessions:

- Learning CW
- Finding DX, Logging Contacts, and QSL'ing - Getting them Logged/Confirmed
- Portable Operating

Registration is now open for the May 14th session. You can get more information about Ham Bootcamp at <https://www.n1fd.org/ham-bootcamp/>.

Contact Anita Kemmerer, AB1QB, at bootcamp@n1fd.org with any Ham Bootcamp questions.



This month's Capers Q&A:

Q: How many ham radio operators are there in the world?

A: 3 million amateur radio operators

There are about 3 million amateur radio operators worldwide, including more than 700,000 licensed operators in the United States alone. Amateur radio operators are also known as radio amateurs or hams.



*Answer to CARA Capers
Member pop quiz question on page 26:*

Gregory Davis was KB1YHW before becoming WR1Z



Saturday, April 16, 2022

CARA Demonstrates Ambidextrous Talents

By: Charles Setaro – KC1IBR

On April 16 - the Saturday before Easter, Candlewood Amateur Radio Association – CARA, members were involved with two major separate club events. One was the initial CARA-sponsored “Parks on the Air®” (POTA) <https://parksontheair.com/> activation at Squantz Pond State Park – K-1719, in New Fairfield, CT. The second was a technical event which required a trek up rugged Spruce Mountain, by CARA’s Repeater Chairman, Gregory Davis - WR1Z and his “able bodied” CARA cohort, Massimo Delessamaro -KC1OSQ.

Each event had a different purpose.

Our Parks on The Air® activation allowed for international portable HF amateur radio operations that promoted emergency awareness and communications from national/federal and state/provincial level parks. While the hike up Spruce Mountain to our repeater site was a more physical task.

These simultaneous events were occurring thirteen miles apart. The POTA event was held at the scenic Squantz Pond State Park, designated as POTA K-1719, and CARA's repeater assets for W1QI are installed atop Spruce Mountain, just to the south of the Danbury Municipal Airport at the rotating beacon light tower. Communications was the theme at both venues. While POTA contacts were logged, reported and just plain fun! Communications at Spruce Mountain were a necessity - ensuring safety first!

CARA Repeater Chairman Greg - WR1Z, briefed Massimo - KC1OSQ on the mission and protocol for coordinating communication frequencies via HT's with Charlie Setaro – KC1IBR acting as base-of-mountain safety coordinator.

Greg decided to use a simplex frequency for all three of our HT's in order to leave the repeater open for other users. Before departure we set up and tested our HT's before the hike began and decided that the repeater duplex frequency would be a backup option for us.

Dealing with mountain terrain isn't always predictable, so safety concerns were addressed. WR1Z brought along water bottles, HT, cell phone, insect repellent, flashlight, ropes, tools, backpack, coveralls and other items required to complete the mission.

The mission was to disconnect CARA's 440 Yaesu repeater and bring it down the mountain. The repeater programmer will be modified to allow it to link with the KB1AEV repeater network, which links much of Western CT. Future linking capability will be valuable for ARES purposes as well as allowing for ad-hoc linking with the repeater assets of the Northville Amateur Radio Association – NARA, our "sister" club located in nearby southern Litchfield County.

The retrieval task involved hiking through rugged steep terrain, dealing with brush overgrowth, downed trees across trails, swarming gnats, then finally gaining access to the secure site while dealing with a notoriously rusty lock issue, dealt with by a generous soaking of WD-40.



Radio check-ins were initiated every few minutes between Greg & Massimo and Charlie at "base camp". KC1IBR advised CARA's VP- W1JGM via our 2M repeater on the status of our climbers by monitoring with two HT's - one on simplex, and the other on CARA's 2 meter 147.300 MHz. repeater.

Greg and Massimo reached the summit in a near-record time of 15 minutes. Upon accessing the site WR1Z, did a visual check of the facility condition, equipment status, then performed backup battery

tests with readings, took photographs and relayed information to Charlie. A few comments were relayed via HT to KC1IBR via simplex, KC1IBR then passed along that traffic to W1JGM by duplex CARA repeater.

Simplex coordination and duplex repeater relays were used to advise the group at Squantz pond about the status of our crew on the mountain.



Greg – WR1Z & Massimo – KC1OSQ



KC1OSQ and KC1IBR

A heavy overgrowth of brush was encountered at the summit around the re-purposed shipping container “box”, which serves as the shelter for CARA’s repeater equipment. After packing up the 440 repeater for transport down the mountain and securing the site, Greg and Massimo sickled some of the overgrowth. When done with vegetation control, they posed for a picture via telephoto lens shot from hundreds of feet below.



Greg and Massimo made their way safely down the mountain at 11:45 with our Yaesu repeater safely carried in a backpack.

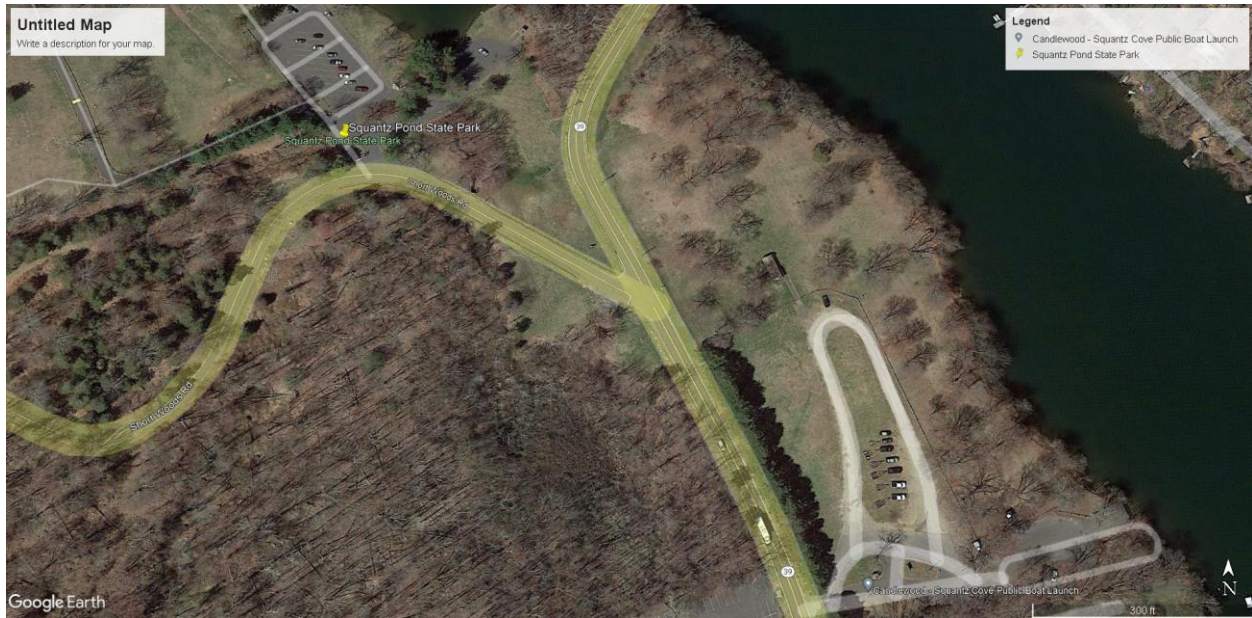
CARA members thank Repeater Chairman Greg - WR1Z, and Massimo - KC1OSQ for their superlative efforts in scaling the mountain to enable our repeater system improvements. Thanks to Charlie – KC1IBR for serving as safety coordinator at “base camp” for this operation.

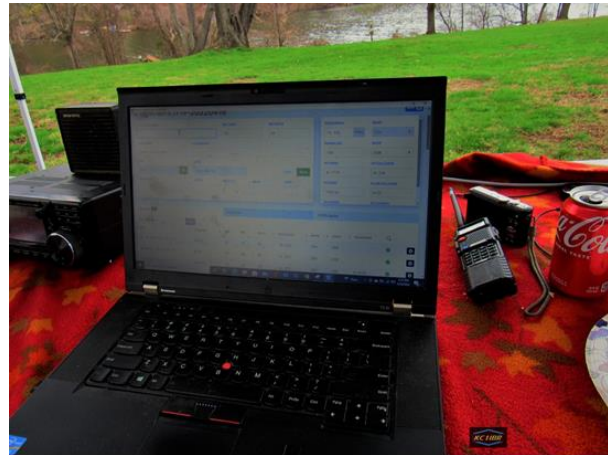
Meanwhile - thirteen miles to the north in New Fairfield, our POTA event was proceeding as planned.

CARA Parks On The Air - POTA activation at Squantz Pond in New Fairfield

By: Charles Setaro – KC1IBR

Photo Credit: KC1IBR, W1JGM





The time was approaching 11:00 a.m. and lunch refreshments were planned at Squantz.



Batteries and W1QH's 1KW Honda generator were used to power the stations.



CARA members assembled stations at Squantz Pond. Some used mobile-mounted Hamsticks, while others preferred more effective antennas.



So - ropes were installed over some trees to hang Skeleton Sleeve and Half-Square wire antennas. Radios were used inside vehicles or outside on a table.



CARA's POTA activation participants included several new CARA members including Susan – KC1QVE, Jenn – KC1PTP, and John - KD2VUP, who were guided by CARA Vice-President, John Morelli - W1JGM, as they took turns at the microphone making HF contacts on 20M. CARA members John Ahle – W1JMA, David Teagarden – KC1ZAC, Harlan Ford – W1QH, Dan Fegley – W1QK and CARA President, Bud – W1NSK, also made SSB and CW contacts on 40M and 20M.

By contrast, CARA's Repeater Work Party members were wisely focusing on establishing a reliable method to communicate with safety in mind.



W1JGM and KC1PTP at Squantz Pond State Park for CARA's POTA Activation

The POTA event coordinated by CARA's Vice President - WJGM allowed some new members to get their first taste of a Parks On the Air activation and the HF bands.

Many on-the-air events or tasks performed by amateur radio clubs serve as a valuable means to hone our communication skills for emergency deployment. The POTA event and the Spruce Mountain repeater retrieval task certainly fit that bill.

Radio communications were vital, effective, functional – and fun, of course.

Submitted to the CARA Reflector on April 10 by Vinny – N2OHH

Household Hazardous Waste Regional Events

PROTOCOL for events:

- YOU MUST REMAIN IN YOUR VEHICLE AT ALL TIMES.
- Place only items you want removed at the back of your vehicle.
- Keep your windows rolled up.
- Be ready to place driver's license against window for proof of residency.
- Workers will remove the contents and will be in full safety gear.
- Fuel containers will not be poured out and returned at this event due to COVID-19
- Wait times vary from 5 to 30 minutes depending on volume of traffic. Please plan.
- The HRRRA reserves the right to inspect vehicles with excessive amounts of material.
- Large quantities are subject to fees. Call or email the HRRRA if you need guidance. 203.775.4539 or Info@hrra.org

HRRRA Municipalities include:

[Bethel](#), [Bridgewater](#), [Brookfield](#), [Danbury](#), [Kent](#), [New Fairfield](#), [New Milford](#), [Newtown](#), [Redding](#), [Ridgefield](#), [Roxbury](#), [Sherman](#), [Weston](#), and [Wilton](#).

Click on your town for alternative disposal options.



Date

Host Municipality

Location

Hours

Participating Municipalities

Printable Flyer

April 9, 2022

Danbury

Public Works Facility

[53 Newtown Road, Danbury](#)

9am – 2pm

All HRRRA Towns



May 7, 2022
Newtown
Public Works Facility
[4 Turkey Hill Road, Newtown](#)
9am – 2pm
All HRRRA Towns



June 4, 2022
Bethel
Bethel High School
[300 Whittlesey Drive](#)
[Bethel](#)
9am – 1pm
All HRRRA Towns



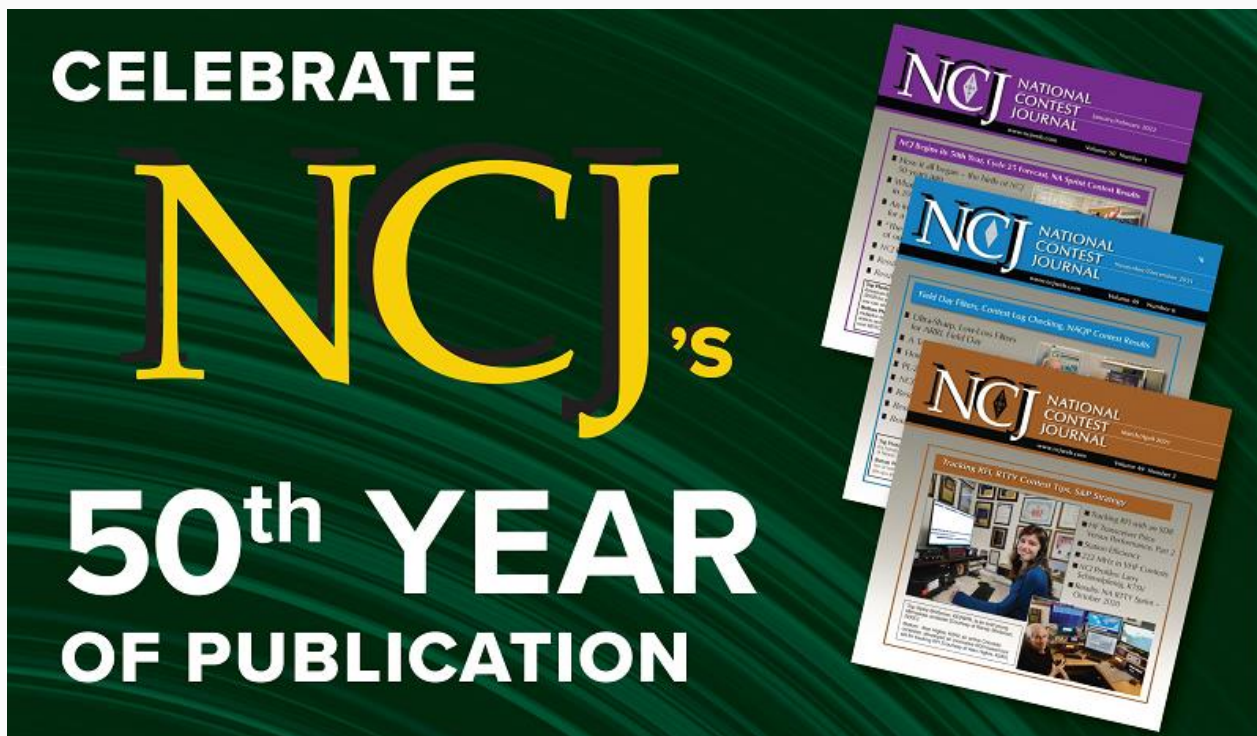
September 10, 2022
Brookfield
Brookfield High School
[45 Long Meadow Hill Rd Brookfield](#)
9am – 2pm
All HRRRA Towns



October 8, 2022
New Milford
John Pettibone School
[Pickett District Road New Milford](#)
9am – 3pm
All HRRRA Towns as well as Warren, Washington



November 12, 2022
Ridgefield
TBD
9am – 2pm
All HRRRA Towns



ARRL's [National Contest Journal](#) (NCJ) is in its 50th year of publication! NCJ is dedicated to covering the competitive contesting aspects of amateur radio with information of interest to testers, from casual observers to hardcore competitors.

ARRL is celebrating this milestone with a limited-edition challenge coin as a gift to all 2022 [subscribers](#) – new and renewing! Each coin features a stunning numeral 50 with the ARRL and NCJ logos. A great memento for any tester or ARRL collector!

[Subscribe Now](#)



About the Offer: Get a commemorative NCJ challenge coin as a gift with every NCJ subscription in 2022 – new and renewing.

Editor's Note:

This information supplied to CARA members in the CARA Capers without regard to financial connection, benefit, nor donation/payment between CARA & ARRL

UPDATE: Radio Scouting @ CONNJAM (5/14/22)

att.net/Inbox

Douglas Sharafanowich <wal1sfh@arrl.net>Unsubscribe

To:announce@ct-ares.groups.io

Sat, May 7 at 10:37 AM

Final Count-Down!

CONNJAM 2022 is NEXT SATURDAY, and we NEED YOUR HELP!
Saturday – May 14, 2022
7 am – 4 pm

We still need several Ham Radio Volunteers to help "**Share the Magic**" of Amateur Radio.

Here is a great opportunity for you to be part of a **team effort** that will showcase a variety of Amateur Radio Activities to Scouts of all levels at their **BIG** Camporee in Orange. In fact, for most scouts, this will be their first time being exposed to Amateur Radio.

Help "SHARE THE MAGIC"
2 Ways to Volunteer: On-Site + Off-Site

ON-SITE VOLUNTEER ACTIVITIES (ALL ARE OPEN-AIR)

* **Amateur Radio Direction Finding** (aka: Foxhunting)

Need 2 volunteers to teach scouts the basics and send them off to find the Lost Patrol.

- Foxhunting experience required

* **Morse Code**

Need 1 Ham volunteer to teach scouts how to send their name in CW

- Very Easy. If you can say "DIT" and "DAH", demonstrate the CW Practice Key (provided), and have a Beginner / "Novice" level knowledge of Morse Code, then you qualify.

* **VHF/UHF GOTA (Get On The Air) Stations**

Need 2 Hams to help scouts have an ON THE AIR conversation with other stations on Repeaters from Norwalk to Killingworth.

NOTA BENE!

THERE ARE NO ON-SITE WALK-IN VOLUNTEERS at this Event

- BSA has some pre-requisites for "registered" volunteers to complete prior to being allowed on site.

(Need to complete BSA on-line Youth Protection Training and a Covid Self Certification form.)

OFF-SITE VOLUNTEER ACTIVITY (VHF/UHF FM AND DMR)

- OPERATE: HOME – MOBIL- PORTABLE

Sign up to take a 1 hour Shift

Monitor local Repeaters from Norwalk to Killingworth and have short conversations with scouts.

Available 1 Hour Slots

Morning: 9 am, 10 am, 11 am

Afternoon: 1 pm, 2 pm, 3 pm

- Let me know which time slot works best for you. Email: [ConnJamHam "at" gmail "DIT".com](mailto:ConnJamHam@DIT.com)

Having Amateur Radio activities at CONNJAM 2022 is **going to be a lot of fun!**

Whether you are On-Site or Off-Site, you will have the opportunity to “**Share The Magic**” of Amateur Radio and “Excite” the imagination of many Scouts... possibly planting the seed for them getting their license.

Please contact me at my Event Email Address to JOIN or Ask Questions.

[ConnJamHam "AT" gmail "DIT" com](mailto:ConnJamHam@DIT.com)

Thank you.

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**73, Douglas Sharafanowich - WA1SFH
Amateur Radio Coordinator - CONNJAM 2022**

[ConnJamHam "AT" gmail "DIT" com](mailto:ConnJamHam@DIT.com)
