



Capers

June - 2017

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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Vice President – Jay Albano, N1NRP jjalbano@aol.com

Secretary – Gary Adams, N1GSA mrclipper69@yahoo.com

Treasurer – Tom Coury – WX1T couryt1@gmail.com

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**CAPERS is the MONTHLY NEWSLETTER of the
Candlewood Amateur Radio Association**

Editor: Dan Fegley, W1QK

Next CARA Meeting: Friday, June 9, Stony Hill Fire Station

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

Agenda topics:

- ***W1QH – Annual election of officers***
- ***KB1YHW – Repeater update***
- ***W1JGM - CARA Hamfest update***
- ***KD1YV - Webmaster update***
- ***W1QK & W1QH – RadioOasis dipole antennas testing results and modifications***
- ***NG1R, W1QH, W1QK – CARA Field Day – Planning PowerPoint, update, discussion & finalize all sign-up sheets***
- ***Short coffee break***
- ***W1QH - N1MM+ Logger and ICOM IC-756 ProIII Training opportunities***

President's Message - de AB1WV



Photo Credit: KB1YHW

Hello all,

It has been a whirlwind first half of the year so far. We've become a 501(c) 3 entity now.

Last month, we adopted the new constitution and policies documents. They should be up soon on the web site and available for all to peruse. Field Day 2017 is just around the corner and things are heating up!

This month, we'll elect officers and finalize preparations for field day. Your input and help are greatly needed to make this year's field day a success. We'll be planning for only those that have signed up for operation slots AND volunteer slots. Both are required to make it a success so sign up soon. The best place to get your name on the list is at the meeting coming up.

In preparation for field day, we have a great presentation/training scheduled for N1MM+ and the Icom 756 Pro III transceivers that we'll be using.

Thanks for all the hard work everyone is doing, and I hope to see you at the meeting on June 9.

73
Marcus
AB1WV

Vice-President's Message de N1NRP



Photo Credit: KB1YHW

Hello fellow club members and friends of CARA:

I'd like to first express my thanks to those CARA members who participated in activating W1AW during the New England QSO Party, and assisted during the Radio Merit Badge event in West Redding this past month.

I hope everyone had a good Memorial Day weekend - even though the weather wasn't the greatest. My family still managed to get in one of those good 'ole -fashioned "American Barbeques."

Well - June is upon us, and Field Day is approaching fast. There are plenty of opportunities for everyone to participate. Check this issue of Capers for the "Core Responsibilities" that we absolutely need members to sign up for. This planning will ensure adequate preparation with "no surprises". There's still some operating slots available to sign up too.

The focus for FD '17 is for CARA members to Elmer each other, so everyone has the opportunity to learn something new. We intend to have all the planning completed by the June meeting. I hope the bands will cooperate for lots of contacts to be made.

See you all at the meeting - where we'll finalize all the detailed planning, including an opportunity to review how to use the N1MM logging program, and the "must-know" information about the ICOM IC-756 ProIII HF transceiver.

At this important meeting, we'll also be holding our annual election for Executive Board officers and Directors.

73, Jay Albano - N1NRP

May 12- CARA Meeting Minutes de N1GSA

The meeting was called to order by President Marcus Swearingen.

The Pledge of Allegiance was recited.

Treasurer reported a balance of \$5669.06
The Secretary's report was read. Motion made and seconded to accept the minutes as read.
Jay reported that we ARE a 501c3 recognized club and are now free to accept donations. Special thanks to Cheryl Reedy for her assistance. Thanks also to Jay for spearheading this.

Vote on the Revised Constitution and Policies and Procedures. All current members should have received a copy of the new paperwork. Motion made and seconded to proceed with this vote. Paper ballots were issued in accordance with the paid membership list. These votes will be counted by the Secretary. A unanimous vote to carry the changes was reported.

The Repeater Committee reported that the New Fairfield Repeater Site has been reactivated. One of the problems that we were having was due to an OPEN in the surge arrester. This has been replaced by an MFJ model temporarily. The machine still has a problem that it cuts out intermittently but comes back online in roughly 30 secs. Level adjustments are reported to eliminate the voice problems when the machine is linked. This is being looked into for further adjustments. Jim reported on the website improvements with new pictures and information.

Harlan (W1QH) made the call for nominations to be voted on at the June Annual meeting. A call to the floor for any nominations. None were immediately presented.

John (W1JGM) reported on the progress for the Hamfest. A special rate for Commercial Vendors to appear as opposed to paying by the table. The date is August 27th.

Roger reported on the NEQP with 4 operators participating. 379 QSO's were made with some good pileups and lots of fun. It got so hectic in the afternoon that Roger started working by call zones to avoid some of the noise. A Power Point presentation will be given later with some pics of the event.

Dan (W1QK) gave a show-and-tell with some articles that he procured from Cheap Ham. These included 20meter/40meter/and 75meter dipoles that can be deployed with the fiberglass tripods that we have recently purchased. These came with 6 rolls of rope to aid in suspending these. These were purchased at a special deal.

Roger has a list going around for Field Day signups. The location is at Tarrywile Park in Danbury, the same as last year. There will be NO parking at the site this year, loading and unloading only. We need operators for the overnight hours. Also, many hands are needed for picking up the material ahead of time as well as setup and teardown. Plans, at this time, are to begin setup 8am Sat morning. Harlan reported that the computers seem to still be functional. Dave brought up about adding a speaker to the radios for the public to hear the activity. Also, Oscar should be contacted to have the Public Information table.

John asked if he could approach Cheryl to investigate Grant Find to see what may be available for us. Also, Mike W8ZY, may be asked about Microsoft offerings. If

approached, the club would be interested in participating in New Fairfield Day.

Marcus brought up about Amazon Smile and registration for any who use Amazon. This would accumulate a portion of any purchase to be accredited to the club with no additional cost to the buyer.

Being no further business we went into the presentation portion of the evening.

Respectfully Submitted
Gary Adams, Secretary



© Can Stock Photo

It's Election Time!

Once again, it's time to hold our yearly elections for club officers and directors. At the June meeting, nominations will be taken for our Executive Committee, consisting of; President, Vice President, Treasurer, and Secretary. We will also take nominations for the 3 Directors.

Nominations can also be sent to me, W1QH, (hford01@snet.net) for recording. Please give careful thought to nominations as your candidates will be your leaders for next year.

Nominations will also be accepted at the June Meeting, PRIOR to voting for the nominated candidates by the membership in good standing.

73 de Harlan, W1QH

CARA REPEATER COMMITTEE
CARA Linked 2m Meter / Motorola
Project Report:
25 May 2017

Re: CARA Motorola Linked Repeater Status Report, 24 May Tech Session Notes

CURRENT STATUS – CARA Motorola Linked Repeater System

1. MSF5k VHF Repeater operating in standalone repeater mode.
2. MSF5k VHF Repeater is delivering 85W into the Duplexer
3. MSF5k VHF Repeater is delivering 48W into the Triband Antenna Feedline <SWR 1:1.2
4. MSF5k UHF Link Radio is powered OFF

TECH SESSION NOTES

5 – 9 pm Co.A Firehouse New Fairfield.
W1JGM & KB1YHW 24 May 2017
Signal Path for the following tests:
MSF5k VHF XMIT – DUPLEXER –
Polyphaser – Triband Antenna Feedline

A. Intermittent MSF5k VHF Audio Receive Diagnosis:

1. Connect Metering & dummy load to Duplexer/Polyphaser link cable at Polyphaser end.
2. Perform rigorous mechanical stressing to link cable end feeding the metering/dummy load. Observed intermittent SWR & Power delivery behaviour. Bad Termination of the center conductor in the N-connector (Times X-Series push on Type).
3. Replace N Male Connector on the Cable End. Intermittent cable problem cleared.

B. Install Replacement Polyphaser at the Triband antenna transmission line feed point.

C. 20W Xmit Power & double beep error code from the Diagnostic monitor Panel (DMP) Diagnosis:

1. Connect metering/dummy load directly to MSF5k VHF Xmit output. Measure 40W <SWR 1:1.2
2. EXCHANGE Secure Station Control Board (SSCB) : Remove the SSCB (original assembly for the MSF5k VHF repeater) installed in the prior tech NF Co.A tech session last winter. Re-Install the SSCB provided by KA0JQO during Nov 2016 system commissioning.
3. Test MSF5k XMIT output: Measured 85W. NO Double Beep Error Codes observed.
4. Test MSF5k at the Input to the triband antenna feedline: 48W SWR < 1:1.2 No Beep Error Codes Observed on DMP.

D. ARCOM Link Control Status

1. Noted that with the KA0JQO SSCB reinstalled, the External Audio routing and Control via Link Controller is bypassed - ie.. MSF5k is operating in Standalone Repeater mode.
2. Connect PC with Moto Radio Station Software (RSS) to SSCB via Moto Remote Box Interface (RBI). Upload original MSF5k Setup code created in Nov 2016 for Linked repeater Operation. No Change to Link Control system routing.... Still in bypass, Operation is standalone.

CONCLUSIONS AND PLAN FORWARD:

1. The SSCB native to the MSF5k has an issue which generates the double beep error code (unhappy Xmitter) on the DMP, and was setting XMIT power at 40W. This SSCB was operating correctly with the ARCOM link control audio path running the code plug created for the Nov 2016 commissioning, and uploaded to the SSCB during the prior tech session.
2. The SSCB provided by KA0JQO during the Nov 2016 commissioning is no longer set for external link control, and did not respond to re-uploading the original CARA code plug.
3. NEXT Tech Session – re-establish and prove code plug upload/download interface.

Re-establish external link control configuration on the KA0JQO SSCB.

4. More TOO DOOs... Investigate MSF5k UHF radio config for Preemphasis settings, reconfigure ARCOM default power up status to UN-Linked, and confirm ARCOM operation status.

73

VHF 2m Repeater 27 April 2017 12-2pm

Yaesu DR-1x on Spruce was powered OFF; New Fairfield MSF5k Was powered up. The UHF Link Radio at New Fairfield is not powered.

Site Visits: Spruce Mtn: KB1YHW & AB1WV New Fairfield Site Visit W1JGM Project List for the VHF Linked repeater system: Sort out the reason for the SWR error code on the MSF5k revealed with the donated MSF System diagnostics panel. The antenna system is 1:1.2 or better. Note that the SSCB which was removed from the system in Nov 2016 during initial commissioning, is currently installed and apparently functioning – but could be implicated if it is the cause of generating a false error code. The Arcom Link control programming is in need of an update. The system needs an overall test report generated. The system needs to be brought up to full power and tested for stability. There is still much to learn about the care & feeding of the MSF5k's.

SPRUCE MOUNTAIN PROJECT LIST:

Plan the equipment re-organization for Moto Linked VHF repeater system.

Plan for the recommissioning of the 6m system including addition of 2nd 6m antenna.

Plan the phases of equipment movements with Danbury FD assist.

Gregory G. Davis KB1YHW
CARA 2015-17 Repeater Chair

CARA 2017 Field Day – Planning



Members who are planning to be on site need to sign up for assignments / responsibilities.

Critical Core Volunteer Assignments / Responsibilities – We need names on Sign-up sheets please. In other words, who will do what?

1. Planning & Management Team - (The PowerPoint presented during the planning meeting, and NG1R's Spreadsheets of items required) - NG1R, W1QH, W1QK.
2. Transportation of CARA bins to and from Bethel EOC - N1NRP, Need to confirm with KB1ZAC, others:
3. Antenna Set-up Teams (for both stations) - W1QK, W1QH, others:
4. Station Equipment Set-up Teams (2 Stations)- W1QK, W1QH, others:
5. Food preparation Team- Need to confirm with N1GSA, others:
6. Operating shifts (Sign ups on Excel Spreadsheet) - NG1R
7. Bonus Points Coordinator- Needed
8. Hospitality Tent/Public Information/Interface- Need to confirm with KO1F, others:
9. Safety Officer- N1NRP
10. Social Media Manager- W1SOP
11. Tear-down, pack up & clean-up Team- Needed.

As was mentioned at the planning meeting on Friday, May 26, the critical decisions will be made by the Planning & Management Team before or on June 9, and by those who have signed up.

PLEASE SEE PAGES 17-18 FOR THE Operator Sign-Up list.



CARA FD Chef N1GSA



(L-R): W1QK, WA1NTR- now KD4JO & WA1JGA

Boy Scouts “tune the airwaves” during Radio Merit Badge event assisted by local Hams

by Douglas Sharafanowich, WA1SFH

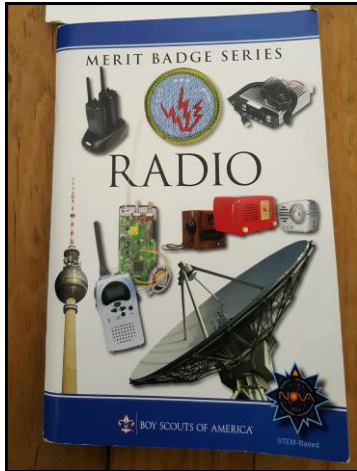
On Saturday, May 20th, six amateur radio operators, “Hams”, from the Candlewood Amateur Radio Association (cararadioclub.org) gathered at the Roger Sherman Hoyt Boy Scout Reservation in West Redding to provide support for scouts pursuing the Radio Merit Badge.

While Science Technology Engineering and Math, STEM, is all the rage in schools today, the Boy Scouts of America has been introducing Scouts to subjects in these areas for decades. Radio Merit Badge was just one of several STEM related Merit Badges that were offered by the Connecticut Yankee Council (ctyankee.org) at this District-level Camporee. About 150 Boy Scouts in the Powahay District participated, which includes Stamford, Darien, Norwalk, New Canaan, and Wilton.



Hoyt Boy Scout Reservation in West Redding with 2 amateur radio stations capable of world-wide communications.

In addition to the other requirements for the Radio Merit Badge, one of the provisions is for scouts to make an on-the-air contact and demonstrate their ability to hold a conversation. Local hams assisted to make that happen. CARA is the largest amateur radio club in the Greater Danbury area. Many hams who participated are also members of the Amateur Radio Emergency Service, ARES, which is sponsored by the American Radio Relay League, ARRL, the National Organization for ham radio based in Newington, CT.



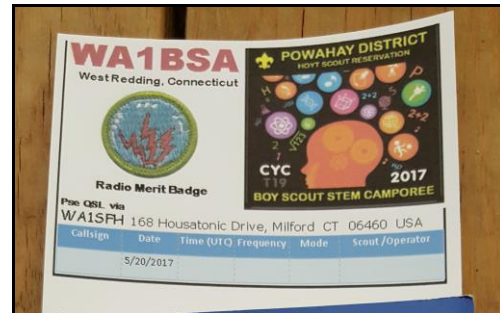
Upon arriving, the radio club volunteers immediately set to work; quickly installing two portable amateur radio stations that were capable of both local and worldwide communications. The hams raised antennas on temporary masts, and used an impressive portable emergency solar/battery unit that they brought to power their equipment.

For additional fun, Chris Kimball - NQ8Z, ran a separate Activity Station that introduced the Scouts to International Morse Code, also known as CW.

This event was both a successful learning activity, and adventure on the airwaves. All 9 scouts that participated completed the requirements to earn their Radio Merit Badge.



Inside the radio tent with Boy Scouts making radio contacts assisted by Harlan Ford, W1QH.



Marlon Henriquez, KC1EHW, coaching during an on-the-air contact



Photo credits: N1NRP and W1QH

Our volunteer hams included:
Jay Albano - N1NRP, Harlan Ford - W1QH,
David Teagarden - KB1ZAC, Mark Stern -
KC1BJP, Marlon Henriquez - KC1EHW, and
Chris Kimball - NQ8Z. Douglas
Sharafanowich - WA1SFH, is Radio Merit
Badge Counselor for BSA Troop 701, ARRL
CT Section Youth Coordinator, and District
Emergency Coordinator, ARES Connecticut
Section - Region 2.



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.



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 Sunday CARA NETS:

CARA 10M “Rag Chew Net”:
28.490 MHz. 7:00 p.m.

CARA 2M NET:

W1QI Repeater – 7:30 pm

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

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

Upcoming Contests, Hamfests & Meetings:

June 3: Alabama QSO Party
June 5: NARA Meeting
June 7, 14, 21, 28: CWT 1300Z, 1900Z,
0300Z
June 9: Monthly CARA Meeting
June 10-11: ARRL June VHF Contest
June 12: ARES Meeting – Danbury EOC
June 14: ARES ESF “Field Day” – Middlebury
June 17: Stew Perry160MDistance Challenge
June 17: WVA QSO Party
June 24-25: ARRL Field Day
June 30: Capers July issue input deadline

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:

June 9: June CARA meeting - doors open at
7:30
June 23: Monthly CARA planning meeting –
SHFD – Begins at 8:00 pm
June 24-25: ARRL Field Day
June 30: July CARA Capers input deadline



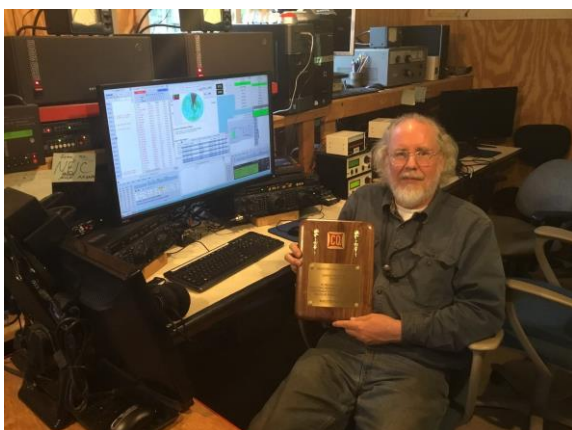
NEW HF OPERATORS - THINGS TO DO

Take advantage of the [contest related video content that has been posted to YouTube](#), courtesy of ICOM, from the 2017 Contest

University. You'll find everything from "Introduction to Contesting" to "A Deep Dive into Stacking Yagis." Check out Ward, N0AX's [session 6](#): "The Most Bang for the Buck for the Small Station" (it is not titled correctly on YouTube, nor in the initial slide).

NEWS, PRESS RELEASES, AND GENERAL INTEREST

On Saturday, May 20, the annual [Contest Dinner](#) featured the induction of two new members into the CQ Contesting Hall of Fame: David Robbins, K1TTT, and Robert



David, K1TTT, 2017 CQ Contest Hall of Fame Inductee, pictured at the K1TTT superstation [Photo by Brian, NJ1F]

Wilson, N6TV.

David is well known and recognized for giving back to the hobby by sharing his knowledge and experiences through his [website](#), various email lists, and his PDF book [Building a Superstation](#). Over the past three decades, he's hosted numerous multi-operator contest efforts for operators of all skill levels, where contesting techniques are shared and honed from his western Massachusetts superstation.

A recent [scientific paper examined the potential effects that humans have had on space weather](#). A wide range of influences, including HF and VLF radio transmissions, rocket chemical releases, and high altitude detonation of nuclear devices, were reviewed and the effects considered. One

finding is that [VLF transmissions may be able to influence the location of Van Allen radio belts](#), keeping them farther away from Earth, potentially providing a wider sphere of protection against high-energy particles emanating from solar events. (Bill, K6WSC, Dennis, N6KI, and David, WA1OUI)

SIGHTS AND SOUNDS

The [Hamvention](#) and coincident [Contest University](#) and [Four Days in May](#) events finished just over a week ago. Many first-person accounts of the activities that occurred have been blogged, "YouTubed", and "Facebooked", and are available for your enjoyment just by searching.

A number of Contest University's sessions on Thursday were live streamed by ICOM. If you missed them, [ICOM](#) has already uploaded them to YouTube, and a [CTU 2017-specific playlist](#) is available. Dennis, N6KI, particularly recommends the presentation by Rob Sherwood, "[Disruptive Technologies, How they Change our Hobby](#)" to understand some of the trends influencing our radios.

OPERATING TIP

Increase Your Accuracy to Increase Your Score

In some contests, logging a contact incorrectly can be costly! You'll be penalized for the contact that was mis-logged, and some contest rules will penalize up to three additional contacts. Strive for an error rate of less than one percent. Some things you can do to log contacts more correctly include:

- Copy entire calls at once
- Log what is copied, not what a database tells you or fills in for you
- Know your 'Kryptonite' copying weaknesses, and be vigilant
- Analyze how others miscopied your call/exchange, take appropriate action
- No guessing of callsigns or exchange

Powerful Changes

One reflection from attending the Hamvention last week was that it was a year of changes. The venue change was a positive one, and executed well by the Dayton Amateur Radio Association. Getting the outdoor market better prepared for all types of May weather would make it just about perfect.

[Rob Sherwood's talk at Contest](#)

[University](#) about the success of the ICOM 7300 hinted at some potential big changes in HF radio buying behavior. According to his talk, it's estimated that over eleven thousand 7300s have been sold in a year. Those sales figures, if true, in a "ham-radio-is-declining" market are spectacular. Perhaps it will encourage the introduction of other innovative gear.

[ARRL Field Day](#) is coming soon. This "operating event" is not really deemed a contest, but Field Day *is* what you make of it. How about getting some newbies involved? Here's an [ARRL Field Day promotional video](#) that may help you "sell" it to some non-Amateurs.

CARA operates the New England QSO Party at W1AW – Sunday, May 7 de W1QK



Four members of the Greater Danbury, CT based Candlewood Amateur Radio Association activated W1AW during the New England QSO Party on Sunday, May 7. It's been a long-standing tradition for CARA members to operate W1AW during the NEQP.

A total of 379 contacts were made on 20M. 194 on SSB, and 185 CW in under five hours on the air. The W1AW NEQP claimed score was 29,328 points with 52 multipliers.

CARA operators participating included Dan-W1QK, Harlan-W1QH, Marcus-AB1WV (CARA President) and Roger-NG1R. All four are coincidentally also members of the Yankee Clipper Contest Club, YCCC.



"It was both our honor and privilege to have the opportunity to operate again from the ARRL HQ station. I enjoyed the CW operation, and had a fun time on the radio working many CWOp members too. Thanks for all the contacts." – W1QK.



The Maxim Memorial ARRL HQ Station – W1AW

Roger, NG1R, commented that one SSB operator said: "It's good to hear the Mother Ship" on the air.



The main tower at W1AW

"We had a great time, and were amazed at the pileups. Thanks for your patience as we tried to work everyone who called in." – AB1WV.



ARRL Administration Building

W1AW operated by CARA members has won the CT Multi-operator category from Hartford County, CT in the NEQP for several years.



"The Mothership Station" – W1AW
Photo Credits: W1QK

The team and CARA expresses their thanks to Joe Garcia, NJ1Q, W1AW Station Manager, and Scott Gee, WB9RRU for their hospitality and cooperation in making activation arrangements.

Our thanks also to Tom Frenaye, K1KI, ARRL New England Division Director, for his efforts in administering the NEQP. Visit www.neqp.org to learn more about the New England QSO Party.

We had the station reserved from 9:00 to 4:00 for Sunday, May 7. We operated as a multi single – that's a multi-operator, single transmitter station for the NEQP. A 17 Meter station was available for operation during the time we weren't on the QSO Party station.



(L-R) W1QK, W1QH, AB1WV, NG1R

Some NEQP observations from Jay, W1UJ:

Mobile Contesting was a new experience for Bill, K1BG. My goal was to make sure he operated as much or as little as he wanted. And for much of the weekend, I kept under-estimating which counties would have better rate than others and was desperately trying to line up alternating counties so Bill could experience some fun county changes. In general, I think I oversold Bill on how "exciting" county changes were going to be. I kept reminiscing about fun, 30-minute-long high rates from rare Maine counties from yesteryear that never materialized this weekend. Instead, we usually got 3 minutes of mayhem working the same 12-15 folks, then wore-out the F1 key until the next county change. Oh well.



CARA will be using N1MM+ Contest Logger during the ARRL 2017 Field Day.

CT Section Manager's Message:

June, 2017

No CT SM message available.

CARA Western CT Hamfest:

de W1JGM

To: All Amateur Radio Enthusiasts, Commercial, and Related Vendors
The Candlewood Amateur Radio Association, Inc., is scheduling our annual Western Connecticut Hamfest on Sunday **August 27, 2017** this year. Please note this new date!

The venue and time will be the same; set up 6 to 8AM, with doors opening at 8AM till 1:00PM at the Edmond Town Hall, Newtown, CT.

There is a large indoor display area with tables and chairs available, electricity can be available. A large outdoor area for displays and tailgating is available for those with outdoor displays requirements. Refreshments will be available, inside with seating available to join your friends.

The Western Connecticut Hamfest is an approved ARRL Hamfest. If you or your company can sponsor a door prize or a prize for our raffle, please let us know. We will also have space available for advertisement and handouts.

To insure your spot, register early. For further information or to make reservations, contact John Morelli (W1JGM) at (203) 417-0160 or W1JGM@aol.com

Please forward this correspondence to anyone interested.

See you there!

John Morelli, W1JGM
Chairman – 2017 Western CT Hamfest



CARA is an ARRL – Affiliated Club

A look back at CARA FD '16:



**ARRL Field Day – June 24 - 25.
Be sure to sign up for Field Day at the
June CARA Meeting.**

2017 CARA Ham Exam Schedule:



2017 Amateur radio exams sponsored by CARA at the Stony Hill FD:

June 10, September 9, December 2
Saturdays - 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

Other upcoming VE exam sessions:

Washington CT firehouse on Bee Brook Road at 9 AM Saturday morning on the following dates:
July 8, Oct. 14

Please feel free to direct questions to w8zy@hotmail.com
Walk-ins are welcome and we will be testing for all classes.

Sponsor: Northwest Amt
Location: Litchfield Firehouse, Litchfield, CT
Time: 7:00 PM (Walk-ins allowed)

June 13, Aug. 8, Sept. 12, Oct. 10, Nov. 14, Dec. 12.



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

Check out www.cwops.org

"CW is an art of incremental improvements over a lifetime, getting ever closer to an ideal of perfection which is always moving and always presents a new horizon to strive for." Carlo Consoli

CWops "CWT" Every Wednesday Regular Tests:

Full Speed Start: 13Z, 19Z, 03Z (+1), 1-hour each session
Exchange: name/number (members)
name/SPC (non-members) **Special Slow Speed sessions for CWA graduates will be June 14, 2017**
Avoid DX pileups!

CWops 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. That means possible overlap with other time zones, which may mean 5 pm in Texas and 7 pm in New York. 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

From the CWOps Reflector:

Wed May 10, 2017 10:32 am (PDT) . Posted by:

["Hank Greeb" n8xxham](#)

My father was a minister, and in one of the places we lived next door to the church which had an electronic organ. In those daze AM was "the" voice modulation. Even though he ran only about 100 watts AM, he had to be careful NOT to operate when the organist was practicing. He didn't have a problem with Sunday Services though. :)

73 de N8XX

On 5/10/2017 1:00 PM, Fred Jensen wrote:
Very old story, possibly apocryphal: Ham on AM gets into the PA system at a church located on the street behind him. Sunday AM he decides to fire up the KW and calls "CQ DX." This causes a panic in the church as the parishioners, who think they heard, "Seek you the exit," pack up at the back door.

73, Fred ("Skip") K6DGW #142
Sparks NV USA

On 5/10/2017 9:24 AM, Steve Hawley wrote:
Hank -- I was the main topic of discussion at our local Ham Radio club meeting.... I remember being kidded that some members said they saw my call letters appear on the local outdoor drive-in movie theater screen and could hear my CW coming through the car mic hanging on the driver's side window.... LOL -- fun times!!!!
73 Steve - K4EU

For Sale:

[Alpha Power –](#)

[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

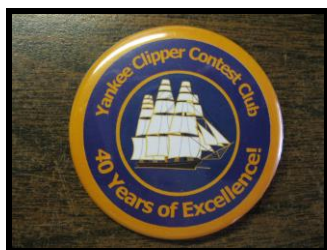
the case. This is a one-owner amplifier. Non-smoking environment. There are no mods. Included with the amp is a factory operating manual. Includes two new spare matched Svetlana 4CX800 tubes in unopened boxes with receipt. Extra spare parts also included. This amplifier will NOT be shipped - however, 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.



**365 Days of Amazing Trivia! —
2017 Page-A-Day Calendar**
Thursday, June 1, 2017

Moore's law was a computing industry prediction made by Intel cofounder Gordon Moore that has more or less held true. What did Moore predict?

The number of transistors on a semiconductor would continue to double every two years, or essentially, microchip power would continue to grow exponentially.



YCCC News

The next scheduled meeting of the Yankee Clipper Contest Club will be at the ARRL New England Division Convention in Boxboro, MA on September 9.

Member and Station News:

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

2017 CARA Field Day Operating Schedule – Sign-Ups

V1 – June 3, 2017 de NG1R

Station 1			Station 2	
Time	Names	Voice or CW	Names	Voice or CW
2 hour time slots	Two operators per slot and provide a contact number	Specify your preference or state none	Two operators per slot and provide a contact number	Specify your preference or state none
2:00-4:00 pm	NG1R W1JGM	Phone	W1QK WA1JGA	CW
4:00-6:00pm	WF1K W1JGM	Phone	W1QK WA1JGA	CW
6:00-8:00pm	WF1K	Phone	KB1ZAC	Phone
8:00-10:00 pm	N1NRP KC1EHW	Phone	KD1YV	Phone
10:00-12:00 am	WX1T	Phone	AB1WV	CW & Phone
12:00-2:00 am	KC1EDE	Phone	AB1WV	CW & Phone

2:00-4:00 am	KC1EDE	Phone			
4:00-6:00 am					
6:00-8:00 am			W1NSK		
8:00-10:00 am	W1QH	Phone	W1QK	CW	
10:00-12:00 pm	NG1R KD1YV	Phone			
12:00-2:00 pm			KB1ZAC	Phone	

**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:

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