



Capers



November - 2019

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

Next CARA Meeting:
Friday, November 8 - Stony Hill Fire Station, Rte. 6. Bethel, CT

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



This month's presentation – The Rig Expert AA-55 Analyzer, by Roger Mitchell – NG1R

The AA-55 Zoom analyzer is designed for measuring SWR (Standing Wave Ratio), Return Loss, Cable Loss, of cable and antenna systems from 60 kHz to 55 MHz.

CARA November Monthly Meeting Agenda **Friday – November 8, 2019 - Stony Hill Fire Dept**

Informal Meet & Greet 7:30– 8:00 pm

Call to Order – Pledge of Allegiance 8:00 pm

1. Introduction of guest(s) – AB1WV
2. Roll call and sign in
3. Secretary's Report (Minutes review: October 2019) – N1GSA
4. Treasurer's Report
 1. CARA Financial report – KC1IBR
5. Committee Reports:
 1. Repeaters – WR1Z, W1JGM
 2. Report on membership lists – W1JGM, AB1WV, KC1IBR
 3. Events
 - i. ALS walk – KC1IBR
 - ii. Warren Fall Festival - NARA event October 12-13 Warren FD – WR1Z, AB1WV, W1JGM
6. Old Business:
 1. Completion of CARA President's Plaque and proposed new President's Plaque – W1QH, W1QK
 2. CARA Website update – W1JMA, W1NSK, W1QK
 3. Discussion/planning – combined CARA/YCCC meeting – W1NSK, W1QK
 4. CARA December 5 Holiday Gathering – W1JMA, AB1WV
 5. Program & Presentations motion by NG1R – from September meeting - NG1R, AB1WV
 6. Secretary Election - AB1WV
7. New business:
 1. Discussion and vote on proposal to change meeting time **from** 7:30 PM gathering and 8:00 PM meeting start time **to** 7:00 PM gathering and 7:30 PM meeting start time - AB1WV
8. For the good of the Association:
 1. General Q & A (as time permits): Discussion of any member questions regarding any aspect of ham radio or the club
 2. Reminders: Monthly planning meeting – November 22, Input deadline for December Capers – December 4
9. Break for refreshments
10. Monthly presentation: Rig Expert Analyzer: Roger Mitchell - NG1R
11. Closing of meeting

President's Message - de AB1WV



All,

It's hard to believe that it is already November. The year has flown by. This month we will have a great presentation by Roger Mitchell.

Remember to get in your money for the Christmas party. The deadline is the meeting on this Friday, the 8th.

We will also revisit presentations in the future. Everyone is asked to bring in a topic that he could prepare into a short presentation to give at a meeting in the future.

I hope to see you all there.

Marcus
AB1WV

Vice- President's Message:
de W1JGM



Good Day to all;

It's hard to believe it's already November. October was very busy month - both in my personal and professional life.

I missed last month's meeting to spend some time in North Carolina with my eldest son and his family; and unfortunately, will miss the November meeting due to a business obligation.

At the planning meeting, I discussed a possible plan to further upgrade our repeater system by replacing the older radio used for linking to the NARA repeater for ARES purposes, plus moving some equipment to the New Fairfield site.

The repeater committee will need to regroup and formalize a "go- forward" plan, which will lay out the details and costs. A trip to the mountain will be needed in the very near future to make some minor changes - and possibly bring some equipment down.

Please make every effort to attend the upcoming November 8 monthly meeting, because there will be several important issues discussed and voted upon that impact to the club.

There still needs to be a formal nomination and vote for club Secretary. Gary Adams - N1GSA has been doing, as always, a fantastic job filling in.

We have several other interesting projects in the works that will be of interest and benefit to all club members. More on that, hopefully, at the meeting.

As always, please give some thought to ideas for presentations that would be of interest to the membership. Consider showing/explaining something you have done that may be an interest to the membership. It could be between 15 to 45 minutes in length, with or without a supporting PowerPoint or video. Even consider presenting a You Tube video of interest.

Please be sure to join your fellow CARA members for our annual Holiday Christmas Party.

The CARA Christmas Party buffet will be on Thursday December 5th at 7pm. It will be held at Armando's, 47 Stony Hill Road, Bethel. The cost is \$30 per person (with a cash bar) and is open to CARA members in good standing (paid dues for 2019) along with their spouse/family.

Please send your check, payable to Candlewood Amateur Radio Association, to CARA's Treasurer, Charlie Setaro at 27 Deer Hill Avenue, Danbury CT 06810. If you would like an email confirmation that your check has been received, please include your email address, and Charlie will confirm.

Payment can also be made through PayPal; [2019 Christmas Dinner \\$30.00 per Member and \\$30 for their guest](#)

Above all; I wish you and your family a safe and Happy Thanksgiving.

73, W1JGM - John Morelli

October 11 CARA Monthly Meeting Minutes
de N1GSA



Meeting called to order at 8:00pm by Pres. Marcus Swearingen.

Pledge of Allegiance was recited.

Paul Estefan and his wife were welcomed.

Round robin introductions were given with 12 people present.

Minutes of the previous meeting were read and accepted.

Treasurer reported an opening balance of \$6742.40. Ending balance of \$6877.40

Gregory spoke on the Repeater. The power supply to the Link Controller needs to be reconnected. This is purely an oversight. The present link controller needs alignment. The required test equipment for this is being investigated. The handles on the doors to the container are in very sad condition. Paul Estefan spoke of his attempt to have a road built to access this container site. This was

turned down due to cost. The only other site that could be used would be on Moses Mountain. While this is accessible, it is not as large or has the electrical power to supply our needs.

The membership list has been gone over. There are 14 that are on the list that are being contacted to check on status.

Marcus had Paul Estefan come to the front of the room where he presented him with a plaque for his continued help and assistance in our events. This both encompasses our Field Day events as well as continued use of EOC equipment for our public service events. Paul spoke about the beginnings of our use of Spruce Mountain and how the container came to be placed there.

The vote to change the start time of the regular meeting could not take place due to a lack of quorum.

There needs to be a Special Election for the office of Secretary. Anyone with nominations should contact Harlan or Marcus.

JOTA was discussed. Ken has not responded with further details. Bud has sent notifications to the Boy Scout Troops in the area. No response has come from this either. The plan is that this event would be from 9am to 3pm. With no further information it was decided that we would not participate.

The CARA website update was brought up for discussion. Dan will contact the woman at the Brookfield Library to see if she would be willing to assist. Dan spoke about having a single person to be the coordinator for content. Jim Ritterbush is presently acting as webmaster on the site, but he is living in

VA. This is a very intensive job and he is doing this as a member of the club. The plan for a YCCC/CARA combined meeting would-be put-on hold until spring.

Bud, John A, and Dan have investigated possibilities for the Christmas Party. Armando's could accommodate us for \$30 each, tip included, on Thurs December 5th. We would need to guarantee 20 to reserve the venue. This information should be put on the reflector. This price is contingent on waiving the State Tax, prompting our need for the Tax Number.

Motion made to have the 2019 CARA Christmas Party at Armando's Restaurant with a guarantee of 20 people. The cost would be \$30. 00 per attendee. This would be a Club sanctioned event. Motion seconded and passed. This price does not include dessert. This could come from BJ's or Costco and would commemorate our 50th anniversary. Motion made to spend \$50.00 on a dessert of cake and ice cream. This was seconded, discussed, and passed. Marcus will handle the ordering of the cake at BJ's.

Gregory spoke on the Warren Woods event with the NARA club. That does take place this weekend and all would be welcome to participate.

Harlan has been investigating the President's Plaque and it's need for updating. There is space for 5 more names. There are at least 7 more names that need to be added. Dan obtained a price of \$60 for a new plaque to be placed with the original to accommodate more names.

Paul mentioned the Danbury EOC as a possible place to display this. Motion made to purchase a plaque with a price not to exceed \$75, to add to the existing plaque.

This will include the addition of the names necessary to bring this current. This was seconded and passed.

Reminder that the Planning meeting is Oct. 25th.

The deadline for Capers input is November 1st.

Motion made to pay \$100 to the State of CT for our Tax Registration Number. Seconded and passed.

Motion to donate \$25 to the upcoming ALS walk in the name of Jay Albano. Seconded and passed.

Short break at 9:25

Dan gave a presentation on the Boxboro convention. There was a tremendous amount of information about many aspects of Amateur Radio.

Meeting adjourned at 10pm.

Respectfully submitted
Gary S. Adams, N1GSA
Secretary Pro tem

October 25 CARA Planning Meeting Minutes

Meeting called to order at 7:30 by Pres. Marcus Swearingen.

6 members present.

Roger will be giving the presentation in Nov. about Antenna Analyzers.

John had the Autumn issue of QST that he mentioned had suggestions about programs for upcoming meetings.

Charlie brought up about changing the PO box which has its renewal in January. We should update the listed officers to allow access. He also mentioned about changing locations to make it a more central location and increase accessibility. We should also get another key to open the box. At present we only have one key that Bill Webb oversees. Charlie will take care of this.

Charlie has received the Tax Registration Number. We also need to document our charitable donations to conform to our status. This could be a donation to the Fire House, the ALS walk, etc.

John spoke to Mike Walters about the Microsoft program that gives multiple email accounts as well as a .org designation for our club use. This would entail going thru a Microsoft Partner which does have a small cost. This would come with Microsoft Office Suite, passwords, updates, etc. We could in the future have small meetings using a Skype type program. This would have minimal cost to the club. Mike would be willing to come down and explain this further and answer questions about this program.

Charlie has \$100 that was a donation for the repeater upgrade. This was started by Jay and has been in the Paypal pool account, earmarked for the repeater.

John mentioned that we need to make a trip to the Mountain to bring down the Motorola machine and place it back in the NF FD. This would allow 24hr accessibility to turn it on or off in times of need. He has found more Yaesu radios like ours, that are available for \$600. This could be used on the hill to link with the NARA system. All these radios are supplied with battery backup. This site is a priority electrical site due to the Airport equipment that is also at this site.

Charlie said that there have been some dues payments from members in arrears.

Respectfully submitted
Gary S. Adams, N1GSA
Secretary Pro tem

CARA Policies & Procedures – Important Meeting time change discussion & vote:

Editor – From the September Monthly Meeting minutes.

Please plan to attend the upcoming November Monthly meeting to discuss and vote on this important topic.

John – W1JGM, spoke about the meeting time. With the meeting time of 8:00pm it makes it a late night on numerous meeting nights.

John made a motion to change the start time of the Monthly meetings to 7:30pm.

After referring to the By-Laws it was determined that this could be brought up at this meeting and voted on to require an approval vote at the next meeting.

This vote was rescheduled to the November meeting due to the quorum voting requirements.

September Snapshot:



N1GS, KB1YNB and WR1Z sporting their new DX Engineering hats. Thanks DX Engineering & W1JGM !

Last Month's Program:



CARA President, Marcus Swearingen - AB1WV presented Paul Estefan, City of Danbury Civil Preparedness Director and Danbury Airport Administrator, with a plaque to recognize his support of and contributions to the CARA 2018 & 2019 Field Day exercises held at Tarrywile Park in Danbury.

Paul is KB1SOY and his wife, Sally, is KB1SOZ.

Harlan - W1QH, assisting with the presentation of the special plaque that was designed by Dan – W1QK, and created by Crown Trophy in Brookfield.



This Month's Program:

Rig Expert AA 55 Antenna Analyzer
by Roger Mitchell – NG1R



I will explain the functions of the analyzer which include SWR Charts, Smith Charts, tools to analyze transmission lines and cables, and create and adjust stubs.

I will demonstrate the SWR chart function of the analyzer with the provided software.

The main focus will be on the SWR charting.

We're having a Party!

de AB1WV

-----Original Message-----

From: Marcus Swearingen via CARA

<cara@cararadioclub.org>

To: via CARA <cara@cararadioclub.org>

Sent: Mon, Oct 28, 2019 7:30 am

Subject: [CARA Members] Christmas Party reminder

All,

Payment response has been slow.

We need to get the money in to the club so that we can pay the venue.

The pay-pal option works very well.

We are trying to fill the seats by our November meeting.

The CARA Christmas Party will be on Thursday December 5th; 7pm.

The Party is at Armando's, 47 Stony Hill Road, Bethel.

The cost is \$30 per person and is open to CARA members in good standing (paid dues for 2019) and their spouse/family/guest. The private room seats 20 people.

Please send your check, payable to Candlewood Amateur Radio Association, to Charlie Setaro at 27 Deer Hill Avenue, Danbury CT 06810.

If you would like an email confirmation that your check is received, please include your email address and Charlie will confirm.

Payment can also be made through PayPal; [2019 Christmas Dinner \\$30.00 per Member and \\$30 for their guest](#)

No walk ins allowed, we must give the restaurant an accurate count and the space is limited.

Menu:

CASH BAR

Salad, bread, Penne alla Vodka, Chicken Francese, Roast Beef, String Bean Almondine, Cake, Ice Cream, Coffee, Tea and Soda.

Marcus
AB1WV

CARA President's Plaque Project

de W1QK

The CARA ARRL Affiliation plaque has resurfaced recently from the CARA archives (see page 22), which prompted the initiative to complete the CARA President's Plaque and bring it up to date.





The data has been researched and confirmed. Engraved plates will be ordered and attached to the existing plaque. A new – larger second plaque will be ordered to accommodate all of them.

An update on this project will be explained at the November 8 monthly meeting.



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
 CPN Net Manager: Tom - WX1T



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

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

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

Upcoming Contests, Hamfests & Meetings:

- Nov. 2-3: ARRL Section Sweepstakes – CW
- Nov. 8: Monthly CARA meeting
- Nov. 11: Veteran's Day
- Nov. 11 ARES Region 5 South meeting – Danbury EOC
- Nov. 16-17: ARRL Section Sweepstakes – SSB
- Nov. 22-24: CQWW DX CW contest



Nov. 25: ARES Region 5 meeting – Litchfield
Nov. 30: ARRL 160M contest
Nov. 6, 13, 20, 27: CWOps CWT Minitest
Regular Sessions: 1300Z, 1900Z,
0300Z

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:

Nov 8: CARA November Monthly meeting
Nov. 22: Monthly planning meeting – SHFD
Dec. 4: December Capers input deadline



YCCC News

Club members stay in touch through the club newsletter called the [Scuttlebutt](#), and through the Internet.

The value of YCCC membership is the opportunity to work side by side with the best. Cooperation and teamwork spiced with the strong spirit of competition is at the heart of YCCC accomplishments and contest victories.

The YCCC is an [ARRL](#)-affiliated club.

Next scheduled YCCC Meeting:
February, 2020

More information on the YCCC website:
www.yccc.org

Reminder:

*CARA is registered for ARRL Affiliated Club Competition. Use: **Candlewood ARA** when submitting your Cabrillo Log.*

In order to make sure the club results are accurate and fair to all, the ARRL Contest Branch is renewing its effort to help clubs comply with the rules. (See section 8 of the [General Rules for All Contests at www.arrl.org/general-rules-for-all-arrl-contests](#).)

Here are the three changes:

- Online uploading of club “Eligibility Lists”,
- Use of six-character grid locators as locations, and
- Deadline for submitting eligibility is now the contest start time



CT ARES News:

The annual CT ARES Statewide drill was held on Saturday, October 26. Please submit your reports to Mike Walters – W8ZY promptly. Deadline is December 1.

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 203.5 Hz**

Woodbury: 444.800 +5 MHz PL 192.8 Hz

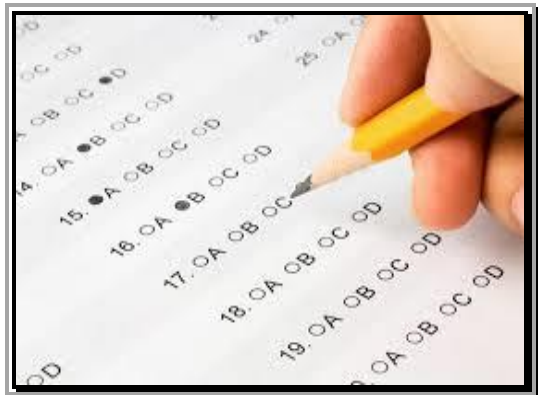
Warren: 53.970 MHz -1 MHz PL 110.9 Hz

Please check in – All are welcome.



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

2019 CARA Ham Exam Schedule:



2019 Amateur radio exams sponsored by CARA at the Stony Hill FD. Bethel:

Starting at 11:30 a.m.
Walk-ins are welcome, but it's helpful if candidates e-mail Jonathan Bernon, AJ1U, to AJ1U@arrl.net

The following dates (Saturdays) for 2019 have been coordinated with the Stony Hill Firehouse Meeting Room scheduler:

December 7

Thanks & 73,

Jon - AJ1U
CARA VE Team Coordinator

Other upcoming VE exam sessions:

Trumbull CT 06611-1944

11/14/2019
Sponsor: CT Regional Testing Center
Date: Nov 14 2019
Time: 6:30 PM (Walk-ins allowed)
Contact: Kevin W. Cellini
(203) 209-6495

Email: kevin.cellini@gmail.com
VEC: [W5YI VEC](#)
Location: <http://441700.org/CRTC/crtc.htm>
49 Sunrise Ave
VE's Residence
Trumbull CT 06611-1944

Bethel CT 06801-3035

12/07/2019
Sponsor: Candlewood ARA
Date: Dec 07 2019
Time: 11:30 AM (Walk-ins allowed)
Contact: Jonathan R. Bernon
(203) 232-7863
Email: aj1u@arrl.net
VEC: [ARRL/VEC](#)
Location: Stony Hill Fire House (Public Meeting Room)
59 Stony Hill Rd (Route 6)
Please use side door
Bethel CT 06801-3035

Litchfield CT 06759-3404

12/10/2019
Sponsor: Northwest Amt
Date: Dec 10 2019
Time: 7:00 PM (Walk-ins allowed)
Contact: Lawrence S. Polowy
(860) 283-4089
Email: lspolowy@snet.net
VEC: [ARRL/VEC](#)
Location: Litchfield Firehouse
258 West St
Park in Rear
Litchfield CT 06759-3404



CARA used N1MM+ Contest Logger during the ARRL 2019 Field Day.

For a free download, visit:

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

The following is **not** a paid advertisement. CARA is an ARRL Affiliated Club, and an ARRL Special Service Club, and we encourage you to consider joining the ARRL to support the programs that the organization sponsors – Editor.



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Free of charge to ARRL members...

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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.



CARA is an ARRL- designated
Special Service Club

ARRL
So Now What?
Podcast

Available on iTunes, Stitcher, & Blubrry

Sponsored by



LDG
ELECTRONICS

www.LDGElectronics.com



So Now What? Podcast

<http://www.arrl.org/so-now-what>



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

Check out www.cwops.org

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

CW Ops CW Practice Sessions:

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

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

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

CW training is available, and details can be found at www.cwops.org/cwacademy.

From the CWOps Reflector:

Now, here's something different.

CW Music.

The main theme is the letters CQ, which are repeated throughout the entire piece.

Interspersed with QRV, and other letters at various tones and levels.

Didn't include the letters CW nor the Q signal: QSL. Too bad.

Quite enjoyable to listen to.

Calling All Stations 2, by Kwok from the album Skywave

<https://dataobscura.bandcamp.com/track/calling-all-stations-2>

I wouldn't be listening to this after the upcoming CQWW DX CW contest, of course. Could cause some hallucinations after 48 hours on the radio! - Editor

You might enjoy this version of Ludwig Van Beethoven's revolutionary 5th symphony Morse Code:

<https://www.youtube.com/watch?v=X0HrbCbfwlg>

Ludwig Van Beethoven's revolutionary 5th symphony Morse Code. My heartiest acknowledgement/thanks to Doug Roberts' [<http://www.roberts.mp/>] for allowing me to use this. 73

1a.

Re: Morse Code in a Song

From: Deni, F5VJC

Date: Sun, 27 Oct 2019 06:52:11 EDT

Excellent , this is the best!

1b.

Re: Morse Code in a Song

From: Duncan Fiskén

Date: Sun, 27 Oct 2019 07:16:58 EDT

Yay... very good indeed!!!

73, Duncan, G3WZD

Re: Morse Code in a Song
From: Greg - NS8O
Date: Sun, 27 Oct 2019 07:17:26 EDT
On 10/27/2019 6:51 AM, Deni, F5VJC via
Groups.Io wrote:
Excellent , this is the best!

On Sat, 26 Oct 2019 at 10:30, richg4fad
<g4fadrich@live.co.uk> wrote:
The ultimate Morse song for me is "Calling all
stations" from Kwook Skywave album
[https://dataobscura.bandcamp.com/album/skywa
ve](https://dataobscura.bandcamp.com/album/skywave) it reminds me of 20 metres just as the band is
opening,

73 Rich G4FAD..

Rich,
They had to have a cw op putting that song
together, Sounds nice, clean and best one I've
heard yet! Even had some Q sigs in there:'
QRU?' etc.

Tnx, NS8O Greg 1496

1d.
Re: Morse Code in a Song
From: Deni, F5VJC
Date: Sun, 27 Oct 2019 08:36:33 EDT
Yes correct and readable code, a nice change
from the usual naff gibberish :)Well done!

2a.
Morse in song
From: Joe Blackwell
Date: Sun, 27 Oct 2019 07:28:22 EDT
Beethoven's 5th Sym Code. Check it out. A
real 5th. **Re: Good music**
From: [Jeff \(NT1K\)](#)
Date: Thu, 24 Oct 2019

["https://www.youtube.com/watch?v=teaxWYRH9A4&feature=youtu.be"](https://www.youtube.com/watch?v=teaxWYRH9A4&feature=youtu.be)

Cheers
Joe, a4nn
Lake Wylie, SC

2b.
Re: morse in song
From: Alan AD6E / KH6TU
Date: Sun, 27 Oct 2019 13:46:24 EDT
Don't forget the 5th was written before 1808
when Samual was but 17 years old. The
telegraph didn't come along for another quarter
century in 1832.

Re: morse in song
From: K1dj
Date: Sun, 27 Oct 2019 16:42:48 EDT
Perhaps Morse took V from Beethoven?

2a.
Good music
From: Jack Schuster
Date: Thu, 24 Oct 2019 14:56:18 EDT
I always thought of cw being music to my
ears...check this song
"communication". Jack W1WEF

<https://www.youtube.com/watch?v=teaxWYRH9A4&feature=youtu.be>

2c.
Re: Good music
From: Jeff (NT1K)
Date: Thu, 24 Oct 2019 15:24:20 EDT
If you are into other forms of music, I always prefer
MC/AF5TX

<https://www.youtube.com/watch?v=Glm14Jk12nl&t=>



Member and Station News:

Your news or story could be included here in the next issue of CARA Capers. Contact W1QK, Capers editor. Just snap a pix of your station, antennas, mobile installation, etc. and send it in!

Great Memories - de WA1JGA:



Here's a photo of The Heathkit AT-1 transmitter that Ray Feeley (SK) K1CSB, let me borrow. It was 30 watts, and worked on 80, 40, & 15 M - CW only, of course.

Great rig, but there was HV at the key; ouch!

The device to the left of the AT-1, was a "crystal switcher". I put my FT-243 XTALS into the sockets, then had one cord to the rig. It was homebrewed from a magazine article.

I worked WA3HUT/1 on Nov 19, 1968.
3.690 MHz. CW at 22:57 UTC.

DATE	STATION CALLED	CALLED BY	USE FREQ. CAL. DIAL	USE SIGNALS REC'D	USE SIGNALS SENT	FREQ. REC'D	TIME OF QSO	POWER WATTS	OTHER DATA	NAME	QSL
11/19/68											
21:20	CG	X				2180	A 150	21:25			
21:26	CG					2180		21:29	Victoria, Canada	Rob	X
21:43	CG					2180		22:04	Rosemary, Calif	George	
22:37	W2PVC	X				369		22:53	Dorland, Del	George	
22:57	WA3HUT	X				369		23:11		Dave	
11/20/68											
20:34	W12ZY	X				368		20:59	Westerly, R.I.	Dave	
21:40	CG					2108					
21:46	WB4AVI	Y				2108		21:57	Tacksonville, Florida	Don	
22:01	CG					2180		22:16	Duluth, Minn.	Bill	
22:18	CG					2180		22:24			
22:28	WA3J.T	X				269		22:44	Amityville, N.Y.	Hook	
22:50	CG					269		22:57			

This Time I used my Knight-Kit model T-150 transmitter at 150 watts! 3.69 MHz with the built-in VFO!
73 – Dave, WA1JGA

Thanks for sharing Dave.

WA1JGA and W1QK have a "reunion QSO" scheduled for Nov. 19, 2019 on 3.590 MHz. CW at 22:57 UTC.

We'd enjoy having other CARA members join us if you can. - Editor

CARA Capers: Swap and Shop

CARA Swap & Shop Policies:

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



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

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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*



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 last Friday of the month preceding month of issue, *unless otherwise specified*.

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

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

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

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

*Courtesy of: The Mahoning Valley Amateur Radio Association's
Award-Winning monthly newsletter: "Voice Coil"*

<http://www.mvara.org/News/Current.pdf>



NOTICE TO CAPERS READERS
CAPERS is an important aspect of our club.
It's time for **more participation** with this publication.

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

w1qk@snet.net

CAPERS deadline for input:
LAST Friday of the Month preceding the meeting.

CAPERS will be released:
Monday before the scheduled Friday monthly meeting – or earlier if possible.

Walk to Defeat ALS Event

By KC1IBR, Charlie

On Saturday, October 19th the CT Chapter of The ALS Association sponsored a ***Walk to Defeat ALS*** event at Westport's Sherwood Isle State Park. The event was a massive success on a beautiful sunny day attended by several hundred participants. The Association's event raised nearly \$224,000 for the fight to defeat ALS.

CARA member *KC1JGV* – Carolina Albano formulated a team entitled "***Jay's Birds***". Of course we know that was to honor our beloved former Vice-President, Jay Albano N1NRP (sk) who was a victim of ALS (more commonly known as Lou Gehrig's Disease).

Carolina, as Captain of team Jay's Birds, raised nearly \$1,400 in donations in memory of her dad, Jay. CARA member's Marlon-KC1EHW, David-KB1ZAC, and Charlie-KC1IBR participated in the event to honor Jay and support the cause. "She was a great Captain and was so kind and warm-welcoming to her team members, providing blue ribbons and cheerful leadership!" Charlie KC1IBR commented.

Marlon KC1EHW, (close treasured friend to Jay) and his family further filled out the team. It was such a nice occasion to see Marlon who, by the way, had HT in hand the entire event!

Amyotrophic lateral sclerosis (ALS) is a progressive, fatal neuromuscular disease that slowly robs the body of its ability to walk, speak, swallow and breathe. The life expectancy of a person with ALS averages 2 to 5 years from the time of diagnosis. ALS can strike anyone, and presently there is no known cause or cure.

http://webct.alsa.org/site/PageServer?pagename=WLK_BP_AboutALS&pw_id=16182&fr_id=13776

We urge our fellow members of CARA to visit the ALS Association's CT webpage at http://webct.alsa.org/site/PageServer?pagename=WLK_BP_FAQ&pw_id=16182&fr_id=13776&tab=tools to learn more and how we can help.



Team Jay's Birds webpage:

http://webct.alsa.org/site/TR?team_id=385525&pg=team&fr_id=13776&et=wFKoifLbMzB9LIPgetleNw





Photos credit: KC1IBR

Preliminary CARA 2019 Calendar – November, 2019

CARA Program and Activities Committee: Marcus – ABIWV, Bud – WINSK

November

- 4 – Scheduled release of November Capers
- 8 – Monthly meeting – Presentation: Rig Expert Analyzer by Roger Mitchell – NG1R
- 22 – November planning meeting

December

- 2 – Deadline for December CARA Capers input
- 5 - CARA Annual Holiday Gathering – Armando's in Bethel. Pre-paid reservations required.
- 9 – Scheduled release of December Capers
- 13 – Monthly meeting – Presentation: Open
- 27 – December planning meeting

January

- 2 – Deadline for January CARA Capers input
- 6 – Scheduled release of December Capers
- 10 – Monthly meeting – Annual W1-QSL Bureau QSL card pre-sort and pizza party
- 24 – January planning meeting

NOTE: 2020 Annual CARA Dues are due in January





CARA is an ARRL – Affiliated Club since 1946

From the CARA archives:
**CARA ARRL Charter Affiliation 50 Year Plaque –
Presented to CARA in 1996**



*2019 marks 73 years of CARA's
ARRL Charter of Affiliation on August 21, 1946.*

*Signed by: David Sumner - K1ZZ, ARRL Secretary, who would later become ARRL CEO.
Now: Secretary, IARU - International Amateur Radio Union; Retired ARRL CEO.*



DESCRIPTION

The AA-55 Zoom analyzer is designed for measuring SWR (Standing Wave Ratio), Return Loss, Cable Loss, of cable and antenna systems from 60 kHz to 55 MHz.

A built-in ZOOM capability makes graphical measurements especially effective.

The following tasks are easily accomplished by using this analyzer:

- Rapid check-out of an antenna
- Tuning an antenna to resonance
- Comparing characteristics of an antenna before and after specific event (rain, hurricane, etc.)
- Making coaxial stubs or measuring their parameters
- Cable fault location
- Measuring capacitance or inductance of reactive loads

AA-55 ZOOM differs from previous models in that it has:

- Enlarged 3.2 inch color TFT display (320x240).
- Scanning speed has increased over AA-54.
- Large waterproof keypad keys.
- Same dimensions as our AA-30/54/170.

SPECIFICATIONS

Frequency range: 0.06 to 55 MHz

Frequency entry: 1 kHz resolution

Measurement Impedance for 25, 50, 75 and 100, 150, 200, 300, 450 and 600-Ohm systems

SWR measurement range: 1 to 100 in numerical modes, 1 to 10 in chart modes

SWR display: numerical or analog indicator

R and X range: 0-10000, -10000-10000 in numerical modes, 0-1000, -1000-1000 in chart modes

Display modes:

- SWR at single or multiple frequencies
- SWR, return loss, R, X, Z, L, C at single frequency
- SWR chart, 100 points
- R, X chart, 100 points
- Smith chart, 100 points
- Return loss chart, 100 points
- Cable tools (loss and characteristic impedance)

Optional open-short-load calibration.

RF output:

- Connector type: UHF (SO-239)
- Output signal shape: square, 0.06 to 55 MHz
- Output power: +13 dBm (at 50 Ohm load)

Power:

- Two 1.5V alkaline batteries, type AA
- Two 1.2V Ni-MH batteries, type AA *
- Max. 4 hours of continuous measurement, max. 2 days in stand-by mode when fully charged batteries are used
- When the analyzer is connected to a PC or a DC adapter with USB socket, it takes power from these sources

Interface:

- 320×240 color TFT display
- 6×3 keys on the water-proof keypad
- Multilingual menus and help screens
- USB connection to a personal computer

Dimensions: 103 mm x 207 mm x 37 mm (4.1 in x 8.1 in x 1.4 in)

Operating temperature: 0...40 C (32...104 F)

Weight: 310 g (10.9 Oz) w/o batteries

Warranty: 2 years (RigExpertCare Provided under RigExpert USA & PNC Engineering's service [guaranty](#))

RigExpert AA-55 ZOOM is made in Ukraine.

Specifications are subject to change without notice.

* Batteries are not included with the analyzer.

Happy
Thanksgiving

