



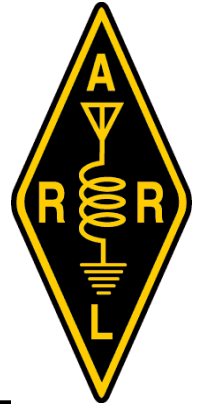
Published  
Monthly by  
the HAMS  
of CVARA

# THE BULL THISTLE BUGLE

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Official Publication of the Chenango Valley Amateur Radio Association, Inc. Owner and operator of memorial amateur radio station W2RME/ R on 146.085T/146.685R MHZ, PL Tone 110.9, to the late Duncan “Dunc” Copley.



*The President's  
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VOL. 60 July 2024

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*Ray Darling, K2DAR, CVARA Historian*

*Chapter 23*

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28	29	30	31			

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### Permanent committees

- ARES/RACES: **KC2SFU**
- AWARDS: **AD2TM**
- BUGLE: **AD2TM** Chairman
- COMMUNITY SERVICE;
- NEW Ham development **K2FRY**
- FIELD DAY: **K2FRY** Chairman
- MEMBERSHIP: **K2FRY** Chairman

- PACKET:/ Digital: **KC2SFU** Chairman, **N2SPI**
  - PUBLICITY/PUBLIC RELATIONS:**AD2TM**, **N2YP**, : **WZ2I**, **K2DAR**
  - TECHNICAL: **WA2IZB**
  - VE TEAM: **K2DAR**: **WZ2I**
  - HAM OF THE YEAR: **WZ2I**
  - Club Station/ Shack: **K2DAR**, **N2YP**, **KC2SFU**
  - Repeater Trustee: **WZ2I**
-

# CVARA CLUB OFFICERS

President: Tom Monday KC2SFU  
Vice Pres: Tom Mathewson, AD2TM  
Treasurer: Emily Goehner WA2LFI  
Secretary: Matt Jenne, WZ2I  
Directors: Lois Strong, NK2A; Tom Monday, KC2SFU; Jon Englart W2BDN

Tom, AD2TM, editor of the Bugle is ALWAYS looking for submissions  
Your views, comments, and articles will gladly be considered for publication.  
Send your articles to.....

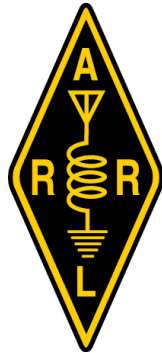
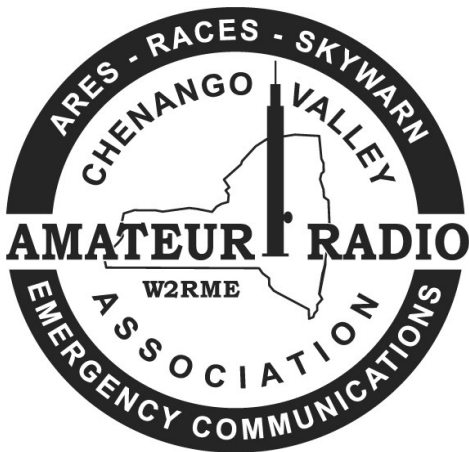
Thomas Mathewson  
680 Plymouth N. Norwich Rd  
Norwich, N.Y. 13815

Internet...ad2tm@arrl.net

We encourage promoting our organization and welcoming new members to join our group. We hope we can continue to grow and maintain a successful club. Your continued support can make this happen.

Visit the club WEB site at: <http://www.cvara.net>

**Deadline for the August 2024 Bugle is July 20, 2024**



PO Box 1324  
Norwich, N.Y, 13815





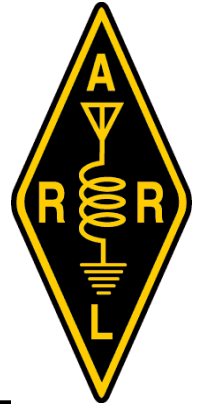
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- AWARDS: **AD2TM**
- BUGLE: **AD2TM** Chairman
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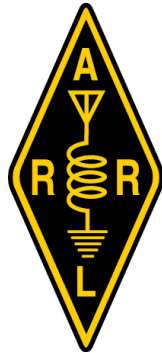
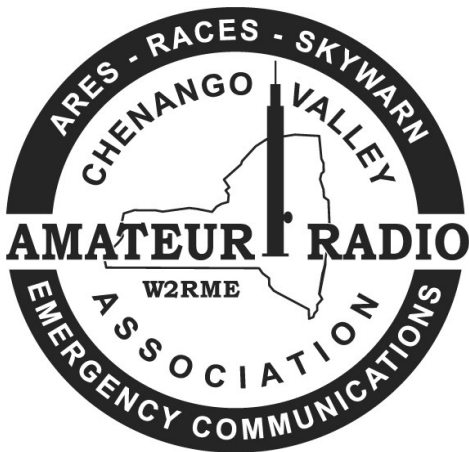
Thomas Mathewson  
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Internet...ad2tm@arrl.net

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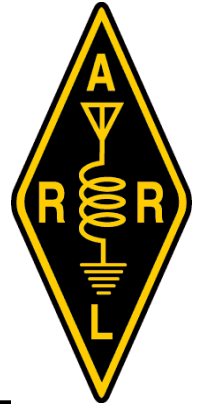
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*Ray Darling, K2DAR, CVARA Historian*

*Chapter 23*

*Welcome To – July 2024*

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Information is contained in the sidebands, but 2/3 of the RF power is in the carrier. The carrier serves only to demodulate the signal in the receiver. It is essential for AM reception, but for SSB we can simply generate a carrier signal in the receiver and use it to recover the information (the voice, for example). There is no need to send the carrier along with the sidebands.

There is also no need to send two identical sidebands when one will do. Depending on the mode you've chosen to operate, the upper or lower sideband is eliminated from the transmitted signal. The final result of all this "paring down" is a solitary *single sideband* -SSB-signal.

There are several advantages to using SSB. SSB transmitters are very efficient, requiring less bulky power supplies. SSB signals are also narrower than standard AM signals, meaning that you can fit more SSB signals into a given band. With the transmitted power concentrated in a narrower spectrum, the effective communication range can also be increased somewhat compared to AM or FM.

The main disadvantage of SSB is its relative lack of audio quality. You must tune your receiver very precisely to achieve a natural-sounding voice. Even then, the frequency range of the audio is limited. A properly tuned SSB signal is perfectly readable, but it does not have the audio quality of AM or FM.

*Are you scared yet? - See you in August!*

*73 de Ray/K2DAR*

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# CALENDAR OF EVENTS FOR 2024

July 11. CVARA Meeting 7:00 PM Grange Hall, .Hale St, Norwich Normal meeting night is July 4

*Do not forget that every Wednesday night at 7:30 local on the W2RME/R 146.085/146.685 PL 110.9. The CARES net meets.*

July 13,- Roger's RAGS Hamfest, Camillus, NY

If you know of, or hear about any activities that should be listed here, Please pass them on to the editor.

July 18, Tech Night

July 20, - Batavia Hamfest, Alexander, NY

July 25, Exam Session

Aug. 1, CVARA Meeting 7:00 PM Grange Hall, .Hale St, Norwich

Aug 3, Tompkins County Amateur Radio Association (TCARA) Hamfest Trumansburg, NY

Aug. 15, Tech Night

Aug 22, Exam Session

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## jULY 2024

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	1	2	3	4	5	6
7	8	9	10	11 Meting night	12	13
14	15	16	17	.18 Tech Night	19	20
21	22	23	24	25 Exam Ses- sion	26	27
28	29	30	31			

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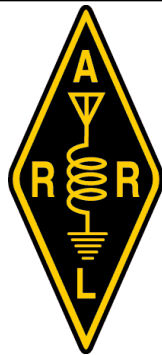
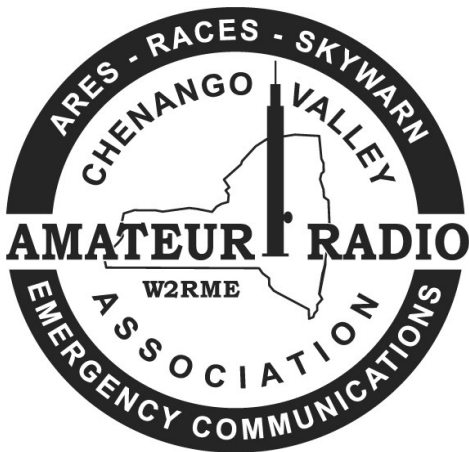
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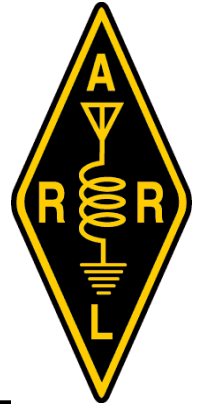
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Your views, comments, and articles will gladly be considered for publication.  
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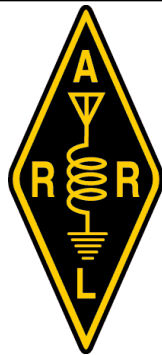
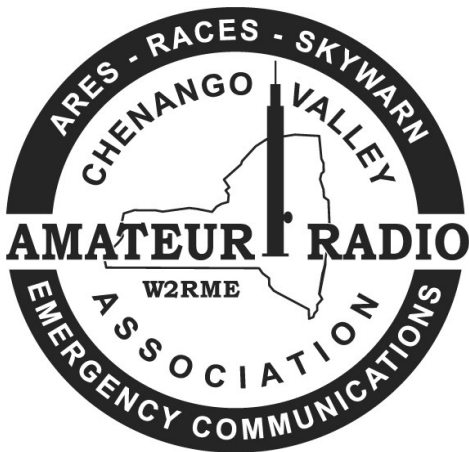
Thomas Mathewson  
680 Plymouth N. Norwich Rd  
Norwich, N.Y. 13815

Internet...ad2tm@arrl.net

We encourage promoting our organization and welcoming new members to join our group. We hope we can continue to grow and maintain a successful club. Your continued support can make this happen.

Visit the club WEB site at: <http://www.cvara.net>

**Deadline for the August 2024 Bugle is July 20, 2024**



PO Box 1324  
Norwich, N.Y, 13815





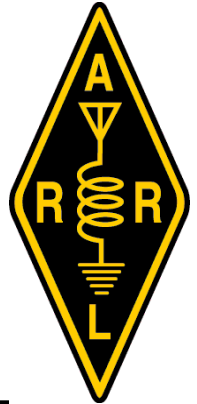
Published  
Monthly by  
the HAMS  
of CVARA

# THE BULL THISTLE BUGLE

“BLOWING OUR OWN HORN” since 1965

Chenango County, NY

“We are ARRL affiliated”



Official Publication of the Chenango Valley Amateur Radio Association, Inc. Owner and operator of memorial amateur radio station W2RME/ R on 146.085T/146.685R MHZ, PL Tone 110.9, to the late Duncan “Dunc” Copley.



*The President's  
Corner de KC2SFU*



VOL. 60 July 2024

From The President

Hello everyone. I hope you all had a wonderful 4th of July holiday. I would like to use this message to thank one specific member who has been working particularly hard on behalf of the club.

John Hysell has been very busy selling equipment that was donated to the club by another member to benefit our tower project. I can tell from correspondence with John that this has been a very time consuming task that he is executing with diligence. I can not thank him enough.

Due in great part to John's hard work, I think you will see the club's tower fund take another leap in the right direction this month. I look forward to hearing the club's financial report.

73, Tom KC2SFU

## CVARA Meeting Minutes for June 6, 2024

Called to order at 1907 on June 6, 2024 by President Tom Monday (KC2SFU) held at the Grange Hall in Norwich.

### Old Business:

### Minutes:

Motion to accept minutes as printed in the Bugle by Jon Englert (W2BDN) 2nd by Carrie Wallingford (KD2VTH); Motion passed

### New Business:

### Treasurer's Report:

Motion to accept Treasurer's Report as presented by John Rudolph (N2YP) 2nd by Don Allen (KD2VNE); Motion passed

### For the Good of the Membership:

Closing: Motion made at 20:32 by Tom Mathewson (AD2TM), 2nd by Jon Englert (W2BDN).

### Committee Reports:

#### Standing Committees:

##### Membership:

##### Audit:

**Community Service:** KC2SFU reported that while we were slightly short-handed for the canoe regatta, everything went well. So far we have yet to hear any information regarding Gus Macker for this year.

Attendees: WZ2I, AD2TM, W2BDN, KD2CDU, KC2SFU, WA2LFI, KE2BID, KG8MOE, KF6C, KD2VNE, KD2VTH, KD2ERR, N2YP, W2CTX

**Publicity:** Always looking for contributions of articles (with print authorizations) or pictures! The annual edition of the Bugle is available for anyone who wants some to had out, put out in community locations, etc. Also, "half-sheet" flyers have been made so we can start promoting Hamfest 2025.

**Property:** Repeater is operational, links to KB2FAF have not been established yet.

The lawn mower is in need of repair or replacement. It appears to have a transmission issue.

W2BDN offered to look into a lawn care service for a temporary "fix" and to get the lawn cleaned up.

AD2TM offered to use his mower if someone could provide transportation.

#### Special Committees:

**Field Day:** To be held at General Clinton Park in Bainbridge. Camping Friday & Saturday nights are permitted.

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### Local On The Air CW Practice

Hello All in the CVARA family,  
I know this has been done before, but I am trying to drum up participants for On The Air CW Practice, OTACWP; let's agree to never say or use that. One change this time around is that we will have Zoom as a fallback / coordinating room so we know what is going on other than hearing static. Ideally we will use 2m or 6m, I have a vertical for both, but we could switch to a few HF bands if people want/need to venture that direction. If anything this is a decent way to try out a simplex net, even though it is not on FM. If you are interested please email me at [KB2YSI@GMAIL.COM](mailto:KB2YSI@GMAIL.COM) for details.---... ..-- Don, KB2YSI

## ARES This Month:

The July ARES Training event has been canceled due to the holiday weekend.

The August Training event will be the Unadilla Motocross race, which as you know is mostly a AREDN event. This year's event will be lead by Matt WZ2I. More information to follow.

73, Tom

### ARRL Logbook of The World Returns to Service

ARRL Logbook of The World® (LoTW®) returned to service July 1, 2024. It had been offline as part of a systems service disruption.

As work progressed on the network, some users encountered LoTW opening briefly during which some 6600 logs were uploaded. The logs were not processed until this weekend as we tested that the interfaces to LoTW were functioning properly.

We are taking steps to help manage what will likely be a huge influx of logs. We are requesting that if you have large uploads, perhaps from contests or from a DXpedition, please wait a week or two before uploading to give LoTW a chance to catch up. We have also implemented a process to reject logs with excessive duplicates. Please do not upload your entire log to “ensure” your contacts are in LoTW as they will be rejected.

Despite this request, we have seen several recent DXpeditions upload large log files and many amateurs have uploaded logs with excessive duplicates. This negatively impacts the backlog time.

Lastly, please do not call ARRL Headquarters to report issues you are having with LoTW. You can contact support at [LoTW-help@arrrl.org](mailto:LoTW-help@arrrl.org).

Through the end of the year, you may experience planned times when LoTW will be unavailable. We have been using this time to evaluate operational and infrastructure improvements we would like to make to LoTW. Those times will be announced.

We appreciate your patience as we worked through the challenges keeping LoTW from returning to service. We know the importance of LoTW to our members, and to the tens of thousands of LoTW users who are not ARRL members. LoTW, just behind QST, is our second most popular ARRL benefit.

### ARRL VEC Services Update During Systems Disruption

ARRL previously reported that we are responding to a serious incident involving access to our network and headquarters-based systems. Several services have been affected, including those administered by the

*(Continued on page 4)*

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*(Continued from page 3)*

ARRL Volunteer Examiner Coordinator (ARRL VEC).

Exam Registrations and Materials. ARRL Volunteer Examiners (VEs) should continue to submit exam registrations and material requests. While we are unable to post new or revised exam session dates and details to the website, we can ship out exam materials. Please remember that most exam materials are available on our website ([www.arrl.org/resources-for-ves](http://www.arrl.org/resources-for-ves)).

Processing Applications to the FCC. We are processing Amateur Radio License applications to the FCC. This includes applications for new and upgrade licenses, individual applications, and club license applications. The VEC exam session upload webpage was not affected by the incident. The VE session counts webpage data entry programming has been unavailable since May 12th. It will be updated with new data as soon as we are able.

VE Accreditations, International Radio Permits and License Class Certificates. We are currently unable to create International Amateur Radio Permits, License Class Certificates, and Volunteer Examiner (VE) badges, certificates, and stickers. New ARRL VE applications and renewals are unable to be processed at this time.

2024 – 2028 Extra Class Exam Booklets. A previous version of this story indicated that the ARRL VEC will supply its officially appointed, field-stocked VE team leaders with the new Extra-class exam booklet designs around mid-June. Due to ARRL's recent system disruption, that date is now to be determined. Supplies will be sent as soon as possible. VE Teams may contact the ARRL VEC to receive instructions on how to print new Extra exams in the interim. The newly revised pool must be used for Extra-class license exams starting July 1, 2024. Exam designs based off the previous pool are no longer valid. The outdated versions of the Extra exams should be destroyed or thrown away to avoid a mix-up at the testing session.

ARRL Youth Licensing Grant Program | FCC Application Fee Reimbursement Information. ARRL is continuing to accept reimbursement forms to cover the one-time \$35 application fee for new license candidates younger than 18-years of age for tests administered under the auspices of the ARRL VEC. Reimbursement checks may take longer than normal to be processed at this time.

We appreciate your patience as ARRL continues to work on restoring access to affected systems and services.

This story will be updated with new developments.

ARRL Systems Service Disruption

Updated 07/09/2024

As previously reported, ARRL® Logbook of The World® (LoTW®) returned to service on Monday, July 1, 2024. As anticipated, there was a significant rise in use to catch up on processing logs following the outage. It took 4 days for normal processing times to return.

The ARRL Radiosport Department has resumed processing applications for most awards. The systems for Worked All States (WAS), VUCC, and issuing credits for CQ WAZ and CQ WPX awards have returned to service. These award applications are being processed on a “first in/first out” basis.

WAS applications submitted through July 4 and VUCC applications submitted through July 1 have been processed. CQ awards applications are processed by CQ and not ARRL.

While we can process these ARRL awards and update records, the ability to print and deliver certificates, endorsements, and other material has not yet returned.

The online DXCC® application is unavailable at this time and DXCC awards are not able to be processed. Work continues to return the DXCC systems to service. All DXCC data is secure.

This story will be updated with new developments.

The previous articles were taken from the ARRL news.

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*And So It Should Be Written*

*Ray Darling, K2DAR, CVARA Historian*

*Chapter 23*

*Welcome To – July 2024*

*How Important is the Process of Learning?*

Each one of us would probably give a different answer to that question because learning is as important as you want to make it. It is a priority each one of us must set as individuals. You set your priorities in your life. You control the effort you put into learning.

A good example of the learning process was the desire to obtain a ham ticket. Well, of course, it is possible to do it on your own, but can you honestly say, while in this process, that it may have become more than you bargained for? I dare say the majority findings will be a resounding yes!!

Many local ham clubs offer classes to assist potential hams in learning the theory and regulations necessary for passing their first licensing exam. CVARA has, since its beginnings, offered such classes, from the introductory classes to offering upgrade classes helping hams earn their General or Extra tickets. We believe this to be one of the most important aspects of the hobby. Obviously this type activity takes hard work and dedication, but over the years, the results of these classes has shown increased membership in our club and the overall numbers of new licenses being issued country-wide. The assistance and encouragement you can give a new ham benefits the individual and the whole hobby. The opportunity is there – get involved!



*(Continued from page 5)*

### *Test Your Knowledge - Is It Old Or New*

Let us digress at this point from the previous subject matter and explore a side of Amateur Radio few have studied and/or researched in a quest to understand the significance of Single Sideband communications as we know it today. Personally, can any of us honestly answer the question, "What Exactly Is SSB?"

No doubt, within this great hobby, we are always kicking around acronyms without bothering to define them. We just assume that everyone knows what we're talking about! SSB stands for "single sideband." It's basically a form of amplitude modulation (AM), or *ancient modulation* as some would call it! Have you heard either of these terms used recently in your conversations?

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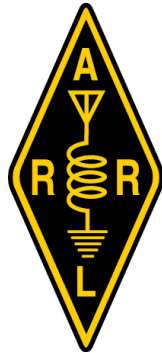
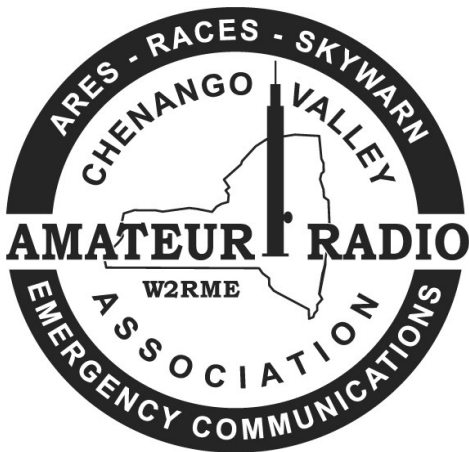
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