



The Club would like to thank Kat Gonderinger, W0UM, for serving as reporter, proofreader, editor, marketing manager and publisher of “The Splatter” for the last eight years.

Kat is stepping away from these tasks to pursue personal projects. Her creative skills will be missed.

Please join the board in wishing her success and happiness in all of her future endeavors.

THANKS KAT!

**MAY Meeting will be on Zoom on
Wed, May 17, at 6:30 pm.**

<https://us06web.zoom.us/j/81928642821?pwd=WxNStjdEdHd5emZaaDRaaENQdnFWZz09>

See p.4 for more info.



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Our weather has been so bi-polar here lately, I hear they're going to try cloud seeding with Zoloft!

Kat, W0UM, is stepping down from her duties as monthly assembler of the Splatter to attend to other life callings. We wish her luck with all of her projects and we're very happy that she's staying on in her educational role.

Don't miss the President's Corner on page 5 for the latest from our board president Chuck, K0ITP.



Ready for Field Day 2023? Well let's get with the program! Page 6

LARC's very own, Bill Cody, K3CDY, got an article published in last month's QST. You can read it here on page 12

And now, a word from our sponsors. SHOP LOCAL! On page 14

Join us on Saturday mornings when the 'brain trust' meets for breakfast. Location can change from week to week so listen to the weekly nets or watch your email for times and locations.

Until next month – be safe and 73

Bob – N0ZFV

President's Corner

From the Virtual Desk of Charles Poch, K0ITP

MAY 2023

Sorry it's been a while, but here's some news and events for your club.

I would like to say a special "THANKS!" to the LARCFest Committee and volunteers that made this year's event successful! You know who you are. Give yourself a big round of applause!

- We're looking for help on the splatter. If you have articles, ideas, suggestions, or anything that you feel may help our newsletter, please contact Bob (N0ZFY) at n0zfv@yahoo.com.

- Field day is just around the corner. The club will be building antennas on May 13th for field day and future events. Contact Ed (WA7EM) at ejmohrman@yahoo.com for more details.

- Also on May 13th, and back by popular demand! we will be building VHF Yagi tape measure antennas. Cost is \$10. Contact me at k0itp@w0eno.org for more information and to sign up.

- May 27th will be another LARC Fox Hunt (DIY Antenna's only) at Golden Ponds Park. Contact Ed (WA7EM) at ejmohrman@yahoo.com for more details.

- May 27th - Doug Sharp (K2AD) has invited the club to his house in Firestone to participate in the W1AW/0 event. This is part of the ARRL VOTA event that is going on all year. Doug will have one of the RM HAM vans and other setups for hams to participate. Please contact Doug at doug@dougsharp.com for more info and to RSVP.

- Children's Hospital Courage Classic Bike Tour 2023 in Need of Volunteers. July 14th - 16th. More information on page XX of this month's Splatter.

- Like EMCOMM? Hate being unprepared? Need organization in your life? Then we have the group for you. LARC team is building "Incident Action Plans" (IAPs) for club events. This team will build, maintain and support plans for:

1. Field Day
2. Winter Field Day
3. LARC fest
4. Fox Hunts
5. Holiday Parties
6. Generic / Special Event

IAPs have been used for managing everything from earthquakes and wildland fires to wedding receptions and birthday parties.

If interested in being part of this team to make our events a learning experience and fun, contact Bob (N0ZFY) at n0zfv@yahoo.com.

- Reminder if you volunteer to run one of the club's nets 5 times during the year, you can get a free year's membership to LARC.

Looking for old radio equipment and test equipment. I know a guy. Contact me for more info.

Like special events? Want to help plan one. I am putting together a committee to plan a fall special event in September. Contact me if interested.

I always say this is your club. How can you help? We're always looking for individuals like you to help with committees and general volunteering for our LARCFest Committee, Christmas Party, and other club events. If you can help or want to be more involved with your Club, please contact a member of the board.

As always, please contact me with any questions, comments, suggestions, or Concerns.

Thank you and 73!

Charles Poch - K0ITP
K0ITP@W0ENO.ORG

**Our May General Meeting will be held on Wednesday,
May 17th, at 6:30 via Zoom.**

Some requests for when you join our meetings:

- When you fill out your name, *please add your call sign after your first name.* (Example: Chuck (K0ITP) Poch). If you don't have a call sign yet, just put "no call." *You can change your name field with the 3 little dots at the top right corner of your screen.*
- You will be muted automatically. (If you need help getting in, call out on our club repeater via VHF, UHF, or on EchoLink). Be sure to have your video going and your volume up, so we can see, hear, and interact with you! The Zoom meeting will start at 6:30 pm with social time, ask an Elmer, meet a Board member, and general questions. The *actual meeting* begins at 7:00 pm, with intros & elections, and then Chuck, our President, will speak about our activities in 2023 and plans & ideas for 2023.

Going forward, this Zoom info will be the same for all Monthly General Meetings.

Our Zoom Meetings are held and found on this link:

<https://us06web.zoom.us/j/81928642821?pwd=WXNSTjdEdHd5emZaaDRaaENQdnFWZz09>

Meeting ID: 819 2864 2821

Passcode: 787437 Find your local number: <https://us06web.zoom.us/j/kcsybGuZpe>.

If you have to miss this meeting, you can see our meetings at

[HTTPS://W0ENO.ORG/MEETING-PRESENTATIONS/](https://w0eno.org/meeting-presentations/).

Ham Jargon

CQ

Pronounced "Seek You". HAMs call CQ when looking for someone to chat with. For Morse Code operators, this saves time, effort and keystrokes.



Call for Articles!

We're always looking for articles to publish in the Splatter monthly newsletter. Topics should apply to Amateur Radio, or other closely-related topics of interest to most ham operators. Tell us about your ham radio activities and projects. Articles (250-500 words) detailing things you have done and/or built (with pictures!) are always of interest.

Submissions may be edited for spelling, grammar, content, or length if necessary. The deadline for submissions is the 25th of each month; however, submissions received after the deadline will be considered if they fit into the newsletter. If a late entry doesn't make it into the current month's news, it may be used in one of the following months.

Are Your LARC Dues Current?

Did you know that your dues and/or annual renewals can be paid online at the club website (w0eno.org) using PayPal? You don't have to have a PayPal account; you can pay with a credit card (Visa, MC, Discover, AmEx), or select 'bill me later.' You can also join or renew by mailing a check to the club (LARC, P.O. Box 86, Longmont, CO, 80502), or by giving payment to Steve Shearer (K0STE) at a club meeting when we start having them in person again. *If you aren't current on your dues, you are moved to a different mailing list and may not get club info, emails & this Splatter newsletter. Get them paid up, send email, and you're back on the list!*

Yearly dues are only \$20 per year for an individual or for a family at the same address. You can find membership information by clicking on the Membership link on our club web page. Contact Steve at membership@w0eno.org if you need to know your current dues status.





ARRL FIELD DAY 2023



June 24th & 25th, 2023

Boulder County Fairgrounds Pavilion

9595 Nelson Rd, Longmont Colorado 80501

Contact Dick, KEØVT for more information!

gwabi2@hotmail.com

2023 BOARD OF DIRECTORS

President: Charles Poch, K0ITP
Vice President: Michael Ritchie, W0KKI
Secretary: Pat Engstrom, W1PGE
Treasurer: Don Lewis, KE0EE

ADDITIONAL VOLUNTEERS:

Membership: Steve Shearer, K0STE
Technical: Mark Skelton, N7CTM and
Bryan Gonderinger, AF0W
Publicity: Steve Haverstick, KF0AGY
Splatter Editor: Bob Smith, N0ZFY
Planning/Special Events: Dick Paige,
KE0VT
BCARES Representative: Jerry Schmidt,
N0OUW
Repeater Trustee: Bryan, AF0W
Education: Kat, W0UM & Bryan, AF0W
LARCfest Chair: Dick Paige, KE0VT
VE Team Leads: Aaron, AJ7R & Kat,
W0UM
LARC Photographer: Raman Sinha, KV0N

Contact Us:

Email to: board@w0eno.org will reach all members of the Board.

Board meetings are held on the first Wednesday of each month at 6:30 pm.
General Club meetings are held on the third Wed. of each month at 6:30 pm.

Current Club meetings are held online using Zoom and are open to all. Join us!

If you have a suggestion for a topic or for a guest speaker, or would like to present a topic yourself, please send email to [Chuck, K0ITP](mailto:Chuck.K0ITP).

If you have a general interest article about ham radio that you would like to see in a future issue of Splatter, please email it to Bob, N0ZFY.

Articles received by the 25th of the previous month will be considered for publication in the issue for that month.

Longmont Amateur Radio Club
P.O. Box 86
Longmont, CO 80502

LARC is a non-profit organization organized exclusively for one or more of the purposes as specified in Section 501 (c)(3) of the Internal Revenue Code Vol. 17. No.6.

Repeaters:

VHF:
147.270 MHz (+) 600 kHz, 100 Hz CTCSS

UHF:
448.800 MHz (-) 5 MHz, 88.5 Hz CTCSS

Echolink:

W0ENO-R, Station #8305

Check out these HOT LINKS!

[LARC Website](#)

[Donate to our club](#)

[Our Facebook Page](#)

[Join LARC](#)

[Join ARRL](#)

[QSO Party and Contest Information:](#)

[More Special Event station info](#)

[Learn more about having fun with QSO Parties](#)

Online HAM Seminars:

www.RatPAc.us
[K8ZT Presentations](#)

Our Affiliate Clubs

[BCARES](#)
[Mile-Hi DX Association](#)
[Indian Peaks Radio Club](#)
[Rocky Mountain Ham Radio](#)
[Northern Colorado Amateur Radio Club](#)

[Grid Down, Power Up – The Movie](#)



Mountain Time

VE Testing

Laurel / Patriot Team	Every other odd month on the fourth Saturday - 9:00 AM Start Next Session on May 27th In person on your laptop or tablet, or on paper	No Fee
LARC ARRL VE Team	Every other even month on the fourth Saturday - 10:00 AM Start Next Session on June 24th In person on paper	\$15 Fee

SPECIAL EVENTS

3-May	WED	7:00 PM	LARC Board Meeting
5-May	FRI	--:--	Cinco de Mayo
8-May	MON	7:00 PM	ARRL Colorado Section Net - https://www.colorado-arrrl.us/arrrl-colorado-section-net/
13-May	SAT	9:00 PM	Antenna Build Class - Clover Building / Bldr Cnty Fairgrounds
14-May	SUN	--:--	Mother's Day (Mom NEEDS a Radio!)
15-May	MON	6:30 PM	NWS Skywarn Spotter Training Online
17-May	WED	6:30 PM	LARC Monthly Membership Meeting - Live & Zoom
27-May	SAT	--:--	LARC Fox Hunt - See President's Corner in this issue
		1:00 PM	ARRL VOTA outing at K2AD - See President's Corner in this issue

Recurring

Mondays	6:30 PM	6 Meter Net - 50.160MHz (Temporarily on hold)
Tuesdays	7:00 PM	LARC Hamlet Net - 147.27 (+) 100 Hz tone 448.8 (-) 88.5 Hz tone
Wednesdays	7:00 PM	Digital Learning Net - every Wed on 449.45 (Not a LARC Event)
Thursdays	--:--	Winlink Thursdays - see: EmComm-Training.groups.io
	7:00 PM	RatPac.us EMCOMM Zoom (Not a LARC Event)
		LARC Thursday Night Club Net - 147.27 (+) 100 Hz tone 448.8 (-) 88.5 Hz tone
	8:00 PM	
Saturdays	8:00 AM	Breakfast at Hidden Café, Longmont - monitor LARC Repeaters for changes



Morse Code Rhythm Patterns from A to Z

Learn Morse code with a musical approach, then practice your skills with the sheet music provided at www.arrl.org/qst-in-depth.




William “Bill” Cody, K3CDY

I decided to tackle Morse code as a brain exercise during my retirement years. After enrolling in the excellent CWops CW Academy Beginner class, my first challenge was learning the letters. I used several teaching aids, such as Nilex Morse Tutor, Morse-It, and Morse Code World, among others. Though they were helpful, they didn’t tap into the musical part of my brain.

For some reason, many technical types (e.g., hams) are also musicians. I happen to be an active musician, and after realizing that my paddle is just another instrument, I wanted to take a musical approach to Morse code. I thought that a new angle might help me and my fellow operators.

Concept

Assuming standard Morse code conventions, dits and dahs can be assigned the following musical note durations:

Elements	Percent Duration	Equivalent Note	Symbols	Comment
dit	100%	eighth note		
dah	300%	dotted quarter note		same as three dits or three eighth notes
letter space	300%	eighth rest and quarter rest		same as dah

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Elements

For the purposes of this article, the elements presented are only three of the four used in Morse code. The fourth element is the *word space*, which is equivalent to seven dits. I didn’t include word spaces because this is an aid for learning single characters, as opposed to successive words.

Percent Duration

Per accepted Morse conventions, a dit is 100% duration, a dah is 300% duration, and the space between each letter is 300% duration. The duration in seconds (or milliseconds) is based on the speed (wpm) you choose, or in this case, the speed at which you set your metronome. If you don’t have a metronome to help you maintain a consistent rhythm, an internet search will yield several online metronomes.

Equivalent Note

Equivalent note is the name of the equivalent musical symbol. For the *letter space*, which is equivalent to three dits, you’ll see an eighth rest and a quarter rest next to each other in no particular order.

Symbols

This is what you’ll see on the sheet music.

Presentation

Using the described conventions, I created a series of notes and rests representing Morse code letters A through Z. I excluded numbers because they appear to be the only logical elements in Morse code. I used a drum clef, with the eighth note

For LARC Patches and Club Apparel:



Harlan Olson, W0HLO
 1531 Hilltop Dr, Longmont, CO 80504
 303 717-4514

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 (720) 220-1931 PrintingLink@hotmail.com

Link your King Sooper card to LARC (org #VW736)



<https://www.kingsoopers.com/i/community/community-rewards>

Jim Andrews, KH6HTV.com



Get your FREE ATV Handbook at
<https://kh6htv.files.wordpress.com/2021/02/an-55a-atv-handbook-1.pdf>

Our Affiliate Clubs

- Rocky Mountain Ham Radio
<https://www.rmham.org/>
- Northern Colorado Amateur Radio Club
<http://www.ncarc.net/>
- Indian Peaks Radio Club
<https://w0ned.org/site/>
- BCARES
<https://bouldercountyares.org/>
- Mile-Hi DX Association
<https://mhdxa.org/>



Clint Bradford, K6LCS

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