



**Coming Events 2024**

**November 4 - CCARC monthly meeting**  
 7 pm at the Salvation Army, 1330 Hudson St. or on Google Meet,  
<https://meet.google.com/zfs-ctwp-bax>

**Trivia Net** - every Sunday, 7:30 pm on 147.22. John Monson AJ7MT

## Hogback Repeater Back Online

By Bill Erhardt K7MT

Recently I mentioned the MRLA 145.450 repeater on Hogback Mountain was down because of construction at the KTVH site. The KTVH crew had moved the repeater to a different spot on the mountain. On the day before Halloween, Don Heide (W7MRI), Matt Gould (AA7MG), Brian Lee (KJ7OUF), Al Simons (WA1TYB) and Bill Erhardt (K7MT) drove up, reinstalled, and got the repeater back online. We ran new coax to the new location and checked the antennas. All looked good.

While there, our installers brought the South UHF link back online to the Townsend repeater and logged into the Intermountain Intertie (a collection of repeaters located in Nevada, Arizona, Utah, Montana and Wyoming.) Stations down the line sounded good. The North Link to the Great Falls repeater 146.680 will be hooked up when it gets back online, probably in the spring.

Below: install gang



Enjoy and have fun on the Montana Repeater Link Association (MRLA) system.



Repeater/link radios/Packet



Antennas on a small tower, NE corner of the building

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## Just For the Helena of It Race Recap

By Al Simons WA1TYB

Sunday, October 20, was a beautiful day on which to run and support the third “Just For the Helena of It” race. The race is a fundraiser for two local charities, The Friendship Center, and Girls Thrive. This year the race raised \$35,000 to support those organizations!

Sixteen club members and one non-licensed spouse turned out to staff 7 aid stations and the MCU. A big Mega-THANKS to Matt Gould AA7MG, Rob Kingery AE7AP, Barb Kingery AE7AQ, Lynn Wagner K7WGR, Bill Jannisch KD7JDM, Tom Mander KE7VUX, Michelle Mander KF7DYZ, Steve Miller KF7HJS, Brian Lee KJ7OUF, Linda Lee, Amy Gondeiro KK7QAH, Marla Unruh KM7LIB, Kathe Simons N1NYT, Bill McGuire N7MSI, Bob Gomes W7AFM, Don Heide W7MRI, and Al Simons WA1TYB. Also, thanks to Bob Thola, N9IB for being a standby fill-in in case someone became ill.

I also know of two club members who ran in the race, Al LeVie KH7AL, and John Monson AJ7MT. Congratulations, guys! I hope I didn't miss anyone.

This year we used a different communications plan, operating entirely on 147.500 simplex. We identified Belmont as a backup in case we were not able to establish communications well on simples, but it was not needed.

The race organizers are very thankful for our continued support. Next year's race is October 19, 2025 (always the third Sunday in October). It is already in my calendar; I hope you'll put it in yours, too.

*Thanks again, and 73 ~ Al WA1TYB*

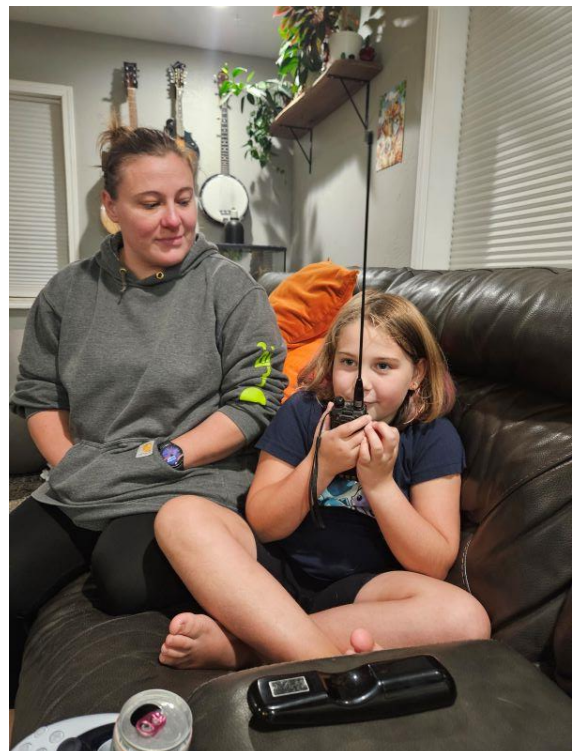
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## A Trivia Enthusiast

By Zach Hampton KZ7HWK

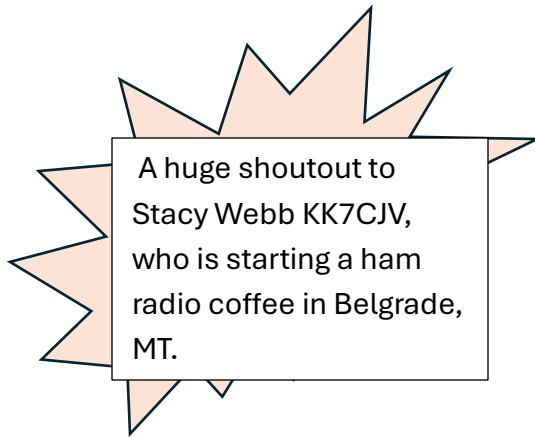
My family and I really enjoy the CCARC Sunday Night Trivia hosted by John Monson AJ7MT.

My main interest in ham radio centers around being to fly my raptors with more powerful telemetry.





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## Antenna Coils

By Ray Zinn K7ZIN



Ever the innovator, Ray has been experimenting with developing different size antenna coils.

Ray says: My smallest HF coil covers 10-40 meters depending on the antenna. Its length is a little over 4", and it would make a good SOTA coil because of its snail size. We can make this on our next Antenna Field Day.

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## FOR SALE

By Bob Solomon K7HLN

### HF radio and accessories for sale:

- KENWOOD TS-480 SAT HF/50 MHz all-mode transceiver, MARS modification
- MB-480 carrying bracket kit
- Astron SS-30m 25-amp power supply with meters and Power Poles

This Kenwood TS-480 SAT is a versatile radio, working well as a mobile unit or base station. It has a removable control head and carrying bracket with it, providing many options for mounting the components. It has been used with great success for both POTA and SOTA as well as field day and special event operations from an RV.

If you are interested, call me at 406-442-6118 to set up an appointment to see it.

Bob Solomon K7HLN

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## Other Newsletters

Darrell Beckstrom K7IUI is the editor and publisher of the *Capital Carriages Car Club* newsletter. Page 1 of the November issue is reproduced below. Please see Darrell to get on his mailing list.

Are there any other CCARC members who produce newsletters? We would like to give them a shout!

# Capital City Amateur Radio Club Helena, Montana

## Capital Carriages Car Club

DEDICATED TO THE PRESERVATION OF ANTIQUE AND COLLECTIBLE MOTOR VEHICLES  
Helena Chapter of the Montana Pioneer & Classic Auto Club, Inc.

**Officers for 2024**


**President/Times Reporter:**  
Paul Christofferson

**Vice President:** Don Wood


**Treasurer:** Sharon Black

**Secretary:** Jerry Burrows

**Newsletter Editor:**  
Darrell Beckstrom




November 2024  
[www.montanapioneerandclassicautoclub.org](http://www.montanapioneerandclassicautoclub.org)




**2024 Upcoming Events**

If there is any event that you may know about, let me know so that it can be included in the newsletter. Due to the amount of vehicle activities in Montana, I am only including events in our immediate area.

**November 10, 12:30 PM, Club Meeting, at Family Roots restaurant.**



In 1900, 40% of American cars were powered by steam, 38% by electricity, and 22% BY GASOLINE.




**Meet and Eat**

**5:30 PM**

Nov. 12th, Applebee's

Nov. 26th, Jade Garden





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Editor: Marla Unruh KM7LIB  
 Editing and proofing: Kathe N1NYT & Al Simons WA1TYB.  
 Writers: CCARC members  
 Club website: [n7rb.org](http://n7rb.org)  
[CCARC Shack Tour](#) – website with member profiles  
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 Membership \$25 per year. Contact Al Simons for application info.  
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