



The Hellgate Static

October 2021



Hellgate Amateur Radio Club
P.O. Box 3811, Missoula, MT 59806-3811

Inside this issue:

- Great Montana Shake Out Drill
- Two Meter Transmitter Hunt Results
- Bitterroot Dirt Derby Returns
- New Repeater For Park County
- September Testing Results
- September Meeting Minutes
- Classified Antenna For Sale

Officers:

President: Mike Leary, K7MSO
Vice-President: Eric Sedgwick, NZ7S
Treasurer: Dick Walton W7XT
Secretary: Joe Geldrich, AG7FH

Standing Committees:

Emergency Coordinator: Jerry Ehli, N7GE
QSLs, Awards: Bob Henderson, N7MSU
Webmaster: Mike Leary, K7MSO
Radio License Exams Contact VE:
Paul Shuey, N7PAS
Static Editor: Terry Cook, KF7BQ
Bluetooth_one@hotmail.com

Repeater Advisory Committee:

Eric Sedgwick NZ7S (Chair)
Tom Hellem, K0SN
Paul Shuey, N7PAS
Tom Mc Ginley, K7QA (Re-elected)

Upcoming Events

- **October 15 – 16, [JOTA](#)**
- **October 21, [The Great Montana Shakeout Drill](#)**
- **October 30-31st 2021 Dirt Derby**
- **December 4 – 5, [Sky Warn Recognition Day](#)**
- **December 13, Christmas Dinner Party**

October HARC Meeting

Program: An Introduction to HF Digital Modes” by Mike Leary, K7MSO

We are back to having monthly meetings and license class testing in person. The meetings are on the 2nd Monday of each Month

Meetings will be held at The Church of Jesus Christ of Latter Day Saints, 3026 South Avenue West, across the street from Big Sky High School. Use the North entrance as all others will be locked.

Please note: Masks are currently required while in the building.

Testing will begin promptly at 5:30PM, and end at 6:30PM.

Meeting area will be set up between 6:30-7:00PM and meeting will begin at 7:00PM (Business & Program).

Cleanup and Sanitizing will be done from 9:00-9:30. Volunteers may assist.

Great Montana Shake Out-Earthquake Preparedness

The main goal of the **ShakeOut** event is to get Montanans prepared for major earthquakes, so use the **ShakeOut** as an opportunity to learn what to do *before, during, and after* an earthquake.

Each time an earthquake occurs in Montana, the news media and public asks, “Does Montana have earthquakes?” Short answer: Yes! In comparison with California, Nevada, and Utah, major earthquakes here are infrequent. But each year, hundreds of earthquakes do occur in and around Montana. Taking steps now to prepare your family and home will help mitigate the effects of moderate to severe earth shaking. The Great Montana ShakeOut is an annual opportunity to practice how to be safer during big earthquakes

The **ShakeOut Drill** is scheduled for 10:21 a.m. on October 15 (International ShakeOut Day). This means that wherever you are at that moment—at home, at work, at school, anywhere—you should Drop, Cover, and Hold On as if there were a major earthquake occurring at that very moment, and stay in this position for at least 60 seconds. To learn more about the Great Montana Shake Out



2 Meter Transmitter Hunt Results

For the September 20th fox hunt, we have only 2 participants. The fox, Paul N7PAS, was located at George Elmer Park off of Mullan Road. The hunters, Aaron N7BIO and Terry KF7BQ, had their share of false leads but eventually found the fox at about an hour and a half into the hunt.

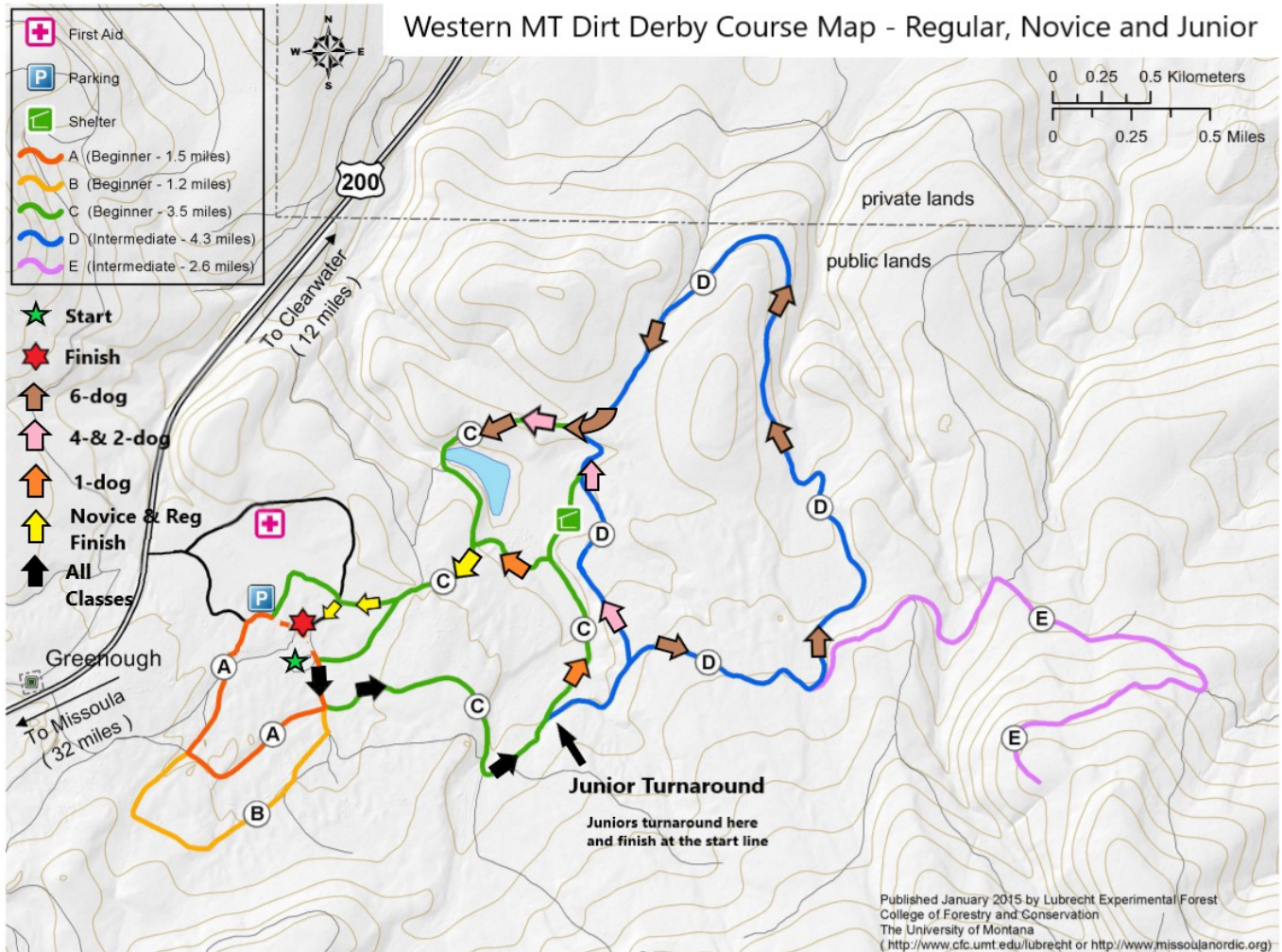
Paul N7PAS has reprogrammed the fox hunt transmitter to make the transmitter/controller combination easier to use and to allow the fox to reduce power during the hunt.

This was the last hunt of the season. We hope to see you all next year for another fun season.

Bitterroot Musers Dirt Derby

Lubrecht Experimental Forest, Greenough, MT

October 30-31st 2021



New Montana Repeater

The North Yellowstone Amateur Radio Club expanded radio coverage across Park County, Montana by establishing a new repeater at 6,558 feet on Meyers Flat, a ridge southeast of Livingston. This radio repeater will allow coverage to the northern 60% of Park county and other regions outside the county. The repeater is available at 146.92 with a negative offset and a 100 Hz tone.

NYARC worked closely with Greg Coleman of the Park County Office of Emergency Management to implement the new repeater. Meyers repeater is important for regular Amateur Radio Service and critical to Amateur Emergency Radio Service communications. It is important to guarantee regular and emergency radio coverage for Park County.

The Meyer's repeater has a radio link to the Eagle's Nest repeater located near Gardiner. The Eagle's Nest repeater provides coverage of the southern 60% of Park County and much of northern Yellowstone National Park. The central portion of Park County has overlapping coverage. The Meyer's radio system also links to the Montana Radio Link Association that provides linked radio repeaters. MRLA radio coverage spans much of southern Montana along I-90.

October HARC Meeting Program

The program for our October meeting will be “An Introduction to HF Digital Modes” by Mike Leary K7MSO. If you have contemplated trying digital modes on HF, this will be an interesting program for you.

September Test Session Results

Congratulations to two new amateur radio operators who passed their Technician Class Exams at the September testing session, they are:

Robert R. Goldworthy KK7AYP

Jared Barnard KK7AVQ

Meeting Notes – September 13th, 2021 meeting

Attendance: Terry Cook KF7BQ, Joe Geldrich AG7FH, Aaron Nelson N7BIO, Tom McGinley K7QA, Paul Shuey N7PAS, Johnathan Lofgren KE7DLR, Dean Pond N7DLP, Sandra Pond KF7GZR, David Herzberg K7 MTD, Mike Leary K7MSO, Dick Walton W7XT, Mel Hiscock K5MH

7:10 PM Meeting Called to order.

Minutes of August meeting approved.

Treasurers Report by Dick Walton approved.

Discussion about the possibility of reducing the yearly membership dues to \$24 or lower to increase membership and to make dues divisible by 12 to allow pro ration of dues.

Discussion about moving the meeting location to a restaurant where members could purchase meals. Westside Lanes, and Eagles Lodge were mentioned. A committee consisting of Dick Walton, Mike Leary and Terry will look into it.

Repeater Committee: Paul Shuey reports that all repeaters are up and running.

HF Committee: Nothing new to report. Surplus equipment sale continues.

Discussion about the possibility of purchasing liability insurance. Mike has made some inquiries with ARRL He will look into it further and report back.

Fox hunts coming up 9/20 and 10/1.

Meeting Program: Dick Walton gave an informative class on the National Traffic System and amateur radio traffic handling.

Meeting adjourned.

Wednesday Night VHF Net Controllers

- 15 Sep Eric NZ7S
- 22 Sep Jeri N7JGS
- 29 Sep ???
- 06 Oct Mike K7MSO

*** Next Club meeting: October 11

Classified For Sale / Wanted

FOR SALE

My Mosley PRO 57b 7-Element 5-Band Yagi is safely off the tower.

I'm having to downsize. Rotator failure. It's a 93 lb HF brute.

Original Manual included. New is \$1700. I'm asking \$600.

It's been up for 25 years, is in excellent condition but I'd recommend cleaning of the elements and trap connections prior to returning to service. Picture attached. Antenna details are at <http://www.mosley-electronics.com/pro.html>.

I've also got the 'in use' and 'pre-removal' SWR curves if interested. K7VK@arrl.net or 549-0027

Vick k7vk

