The Hellgate Static
June 2025

Hellgate Amateur Radio Club
P.O. Box 3811, Missoula, MT. 59806-3811
Web: www.w7px.org

Inside this issue:
May Testing Results
May Meeting Minutes
June Meeting Agenda
June HARC Calendar
Directions and Map to Field Day site
What is ARRL Field Day
Trail Rail Run 21 Jun 2025

Officers:

President: NZ7S
Vice-President: W7RPG
Treasurer: KJ7YHG
Secretary: K7MSO

Appointed Positions:

Emergency Coordinator: contact_us@w7px.org
QSLs, Awards: contact_us@w7px.org
Webmaster: contact_us@w7px.org
Asst Webmaster:
License Exams Contact VE:
harc.ve.testing@gmail.com
Static Editor: editor@w7px.org

AD-HOC HC Committee:
W7XT, K0SN, K7QA, K7MTD, N7NHS
Buy-Sell Operations hfc@w7px.org

AD-HOC Club Librarian:
K7MTD

Coming Events 2025

June	01-15	LCTOTA lctota.org
June	09	HARC Testing and Meeting
June	14	Flag Day
June	15	Fathers Day
June	20	Summer Begins
June	21	Trail Rail Run
June	28-29	Field Day – Sentinel(?)
		See Map & Directions below.
July	04	W7PX Special Event at Fort
July	14	HARC Testing and Meeting
July	17-19	Glacier Waterton Hamfest

HARC June Meeting Program:
Discussing Off Grid Operation
and Go Box Design.

RADIO; TESTING EXAMS AND MEETING

The testing and meeting are on the 2nd Monday of each Month.
We are having in-person, electronic testing and monthly meetings.
The Radio license Exams are from 5:30-6:30PM.

Meetings start at 7:00PM and may last till 9:00PM depending on Program & Business.

Both 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.

Published: 31 May 2025 @ 10:00 PM by KK7RWD

12 May 2025 Exam Testing Results

Congratulations to:

1. **Tyler Warren KK7WKI** of Missoula passed his **Extra** exam.

12 May 2025 HARC Meeting

Called to Order @ 7:01PM

1. **Attendance:** AG7FH, W7RPG, **N**7PAS, KJ0N, KK7YBW, K7MTD, NZ7S, K7INJ, KJ7SR, KQ6TT, KK7QJH, K5MH, KF7GZR, N7DLP, K7QA, KK7BIP, K0SN
   Visitors: KK7WKI Tyler, KK7RWD Seth, KM7AOO Doug – First 2 visitors joined club.
   NOTE: 17 Members / 3 Visitors present.

2. **Last meeting minutes:** Apr: Motion to Approve – K7MTD, N7PAS,
   1 typo K9SN corrected to K0SN – Passed.

3. **Treasurer's report:** None – not present.

4. **Repeater Committee:** Repeater upgrades for Point 6-90 and Thompson Peak-96 discussed.
   Motion to purchase 2 new Yaesu Fusion DR-2X repeaters by N7PAS & K7QA – Passed.
   W7RPG to check on pricing and controllers. Paul to check on Radio club in Superior/St. Regis

5. **HF Committee:** Field day coming up. 2 or 3 places in planning.

6. **Discussion:**
   1. Possibility of linking repeaters to Hamilton, Whitefish, Philipsburg discussed.
   2. New Montana frequency coordinator: Dale Osborne, KA7MHP, Billings Mt.

7. VHF Net

May	07	N7PAS	Jun	04	N7PAS
May	14	K7MSO	Jun	11	_____
May	21	KK7BIP	Jun	18	_____
May	28	W7RPG	Jun	25	_____
___	__	_____	___	__	_____

8. Digital (C4FM) Net Tuesday @ 7:00PM on 147.04
   NOTE: This net is on hold for the summer – It will resume on 2 Sep 2025.

9. The club is still seeking a Static editor.

10. Next meeting 9 June 2025

Meeting Adjourned @ 8:01PM

Presentation: None.

HELLGATE AMATEUR RADIO CLUB
AGENDA – 09 June 2025

PROGRAM: Discussing Off Grid Operation and Go Box Design

Meeting called to order at 7:__ PM **(10 needed for business)**
Introductions. Please make sure you signed the attendance sheet Quorum Y/N ____

Last meeting minutes, May: _____ Motion to approve minutes: 1St_____ 2nd_____
Discussion _____ Vote: P/F/T

Treasurer's report: KJ7HYG, _____Motion to approve report: 1St _____2nd _____
Discussion_____ _ Vote: P/F/T

Repeater Committee Report: W7RPG, _____Motion to approve report: 1St _____2nd _____
Discussion_____ _ Vote: P/F/T

HF Committee Report: K0SN, _____Motion to approve report: 1St_____2nd_____
Discussion _____ Vote: P/F/T

Events for 2025:

HARC Net every Saturday morning @ 9:00 AM on 147.040 Repeater – Buy/Sell – During.

HARC Discussion List

1. June 28-29 Field Day _____
2. July 04 W7PX Special Event at Fort _____
3. Sept 06 Fox Hunt – Is there any interest in doing it this year. _____

VHF Net Control Station assignments:

June	04	N7PAS	July	02	N7PAS
June	11	?_____	July	09	?_____
June	18	?_____	July	16	?_____
June	25	?_____	July	23	?_____
			July	30	?_____

Reminder: Backup is always the next person in line as the net control.

Good and Welfare.

_____

***** Next Club meeting: July 14 2025**

Is there any other business?

_____

_____ **Meeting Adjourned at _:__ PM.**

June 2025

Hellgate Amateur Radio Club

Calendar of Events

Board: NZ7S, W7RPG, KJ7THG, K7MSO

Editor – KK7RWD

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 LCTOTA Begins lctota.org	**2**	**3**	**4** ERC Net 7:30 on 146.900-88.5T BARC Net 8:15 on 146.720-203.5T HARC Net 9:00 on 147.040-No Tone	**5**	**6**	**7** HARC Saturday Net 9:00AM on 147.040 Repeater.
8	**9** HARC Testing 5:30 & Meeting 7:00PM	**10**	**11** ERC Net 7:30 on 146.900-88.5T BARC Net 8:15 on 146.720-203.5T HARC Net 9:00 on 147.040-No Tone	**12**	**13**	**14** HARC Saturday Net 9:00AM on 147.040 Repeater.
15 Father's Day LCTOTA Ends lctota.org	**16**	**17**	**18** ERC Net 7:30 on 146.900-88.5T BARC Net 8:15 on 146.720-203.5T HARC Net 9:00 on 147.040-No Tone	**19**	**20** Summer Begins	**21** HARC Saturday Net 9:00AM on 147.040 Repeater Trail Rail Run
22	**23**	**24**	**25** ERC Net 7:30 on 146.900-88.5T BARC Net 8:15 on 146.720-203.5T HARC Net 9:00 on 147.040-No Tone	**26**	**27**	**28** HARC Saturday Net 9:00AM on 147.040 Repeater Amateur Radio Field Day - 0000 to 2359 GMT time
29 Missoula Marathon Amateur Radio Field Day - 0000 to 2359 GMT time	**30**					

Directions and Map to Field Day site

Field Day Route to University Mountain, just east of Mt. Sentinel.

Red line on map denotes the entire route from the turnoff at Higgins onto Pattee Canyon Rd to the Field Day site (X).

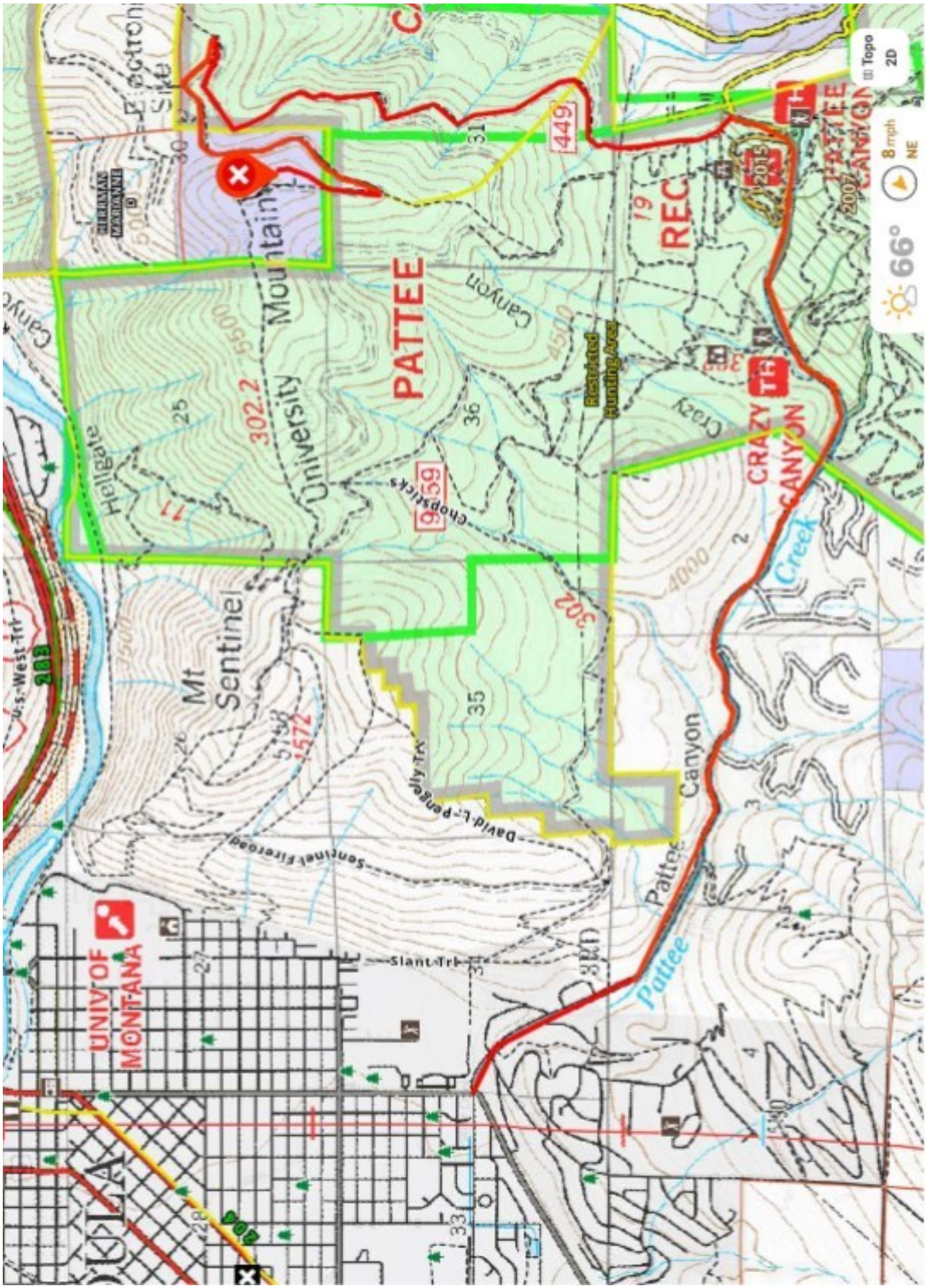
From the turnoff at Higgins it is approximately 4 miles to the forest road gate on the left. The road may be marked with a sign as forest road 449 but I am not sure about this. However, the gate is clearly visible looking toward the left while you are proceeding along on Pattee Canyon Rd.

The gate is locked with a padlock using a 4 digit combination. The combination is ????. (you'll be given this when you commit to going up and helping) Make sure you lock the gate after passing through. It might help to have a flashlight or headlamp along as it is difficult to read the numbers on the lock, it is inside of an enclosure and you practically need to lay down on the ground and look up at it to see it.

After you pass the gate it is approximately a 3 mile drive to the FD site. As you can see from the map you will be heading mostly north. When you get to the most northward point of the route you will encounter another road coming in on the right that goes straight north to an electronic site, along with a pair of roads coming at you on the left. At this point, turn left and take the road farthest to the left. This takes you mostly south for a ways to a very sharp hairpin turn.

Once past the hairpin a short distance, look for a Y, at which point you should stay to the right as it is the easiest route. From here you should be able to see a radio tower and building directly north a few hundred yards. This is the Field Day site.

K0SN


PATTEE
Canyon
Mountain
University
Hellgate
Mt
Sentinel
CRAZY
CANYON
Creek
Pattee
Canyon
UNIV OF
MONTANA
Slant Trl
Sentinel Firetoad
David L. Penfield Trl
Chopsticks
Restricted
Hunting Area
449
302.2
203
Topo
2D
66°
8 mph
NE

What is ARRL Field Day?

Produced by ARRL, the national association for amateur radio http://www.arrl.org

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called "hams") are well known for our communications support in real disaster and post-disaster situations.

What is the ARRL?

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

What is Amateur Radio

Often called "ham radio," the Amateur Radio Service has been around for a century. In that time, it's grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

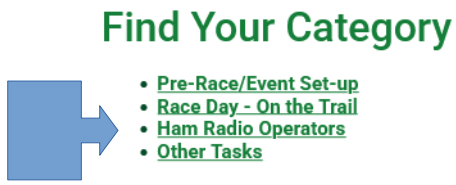
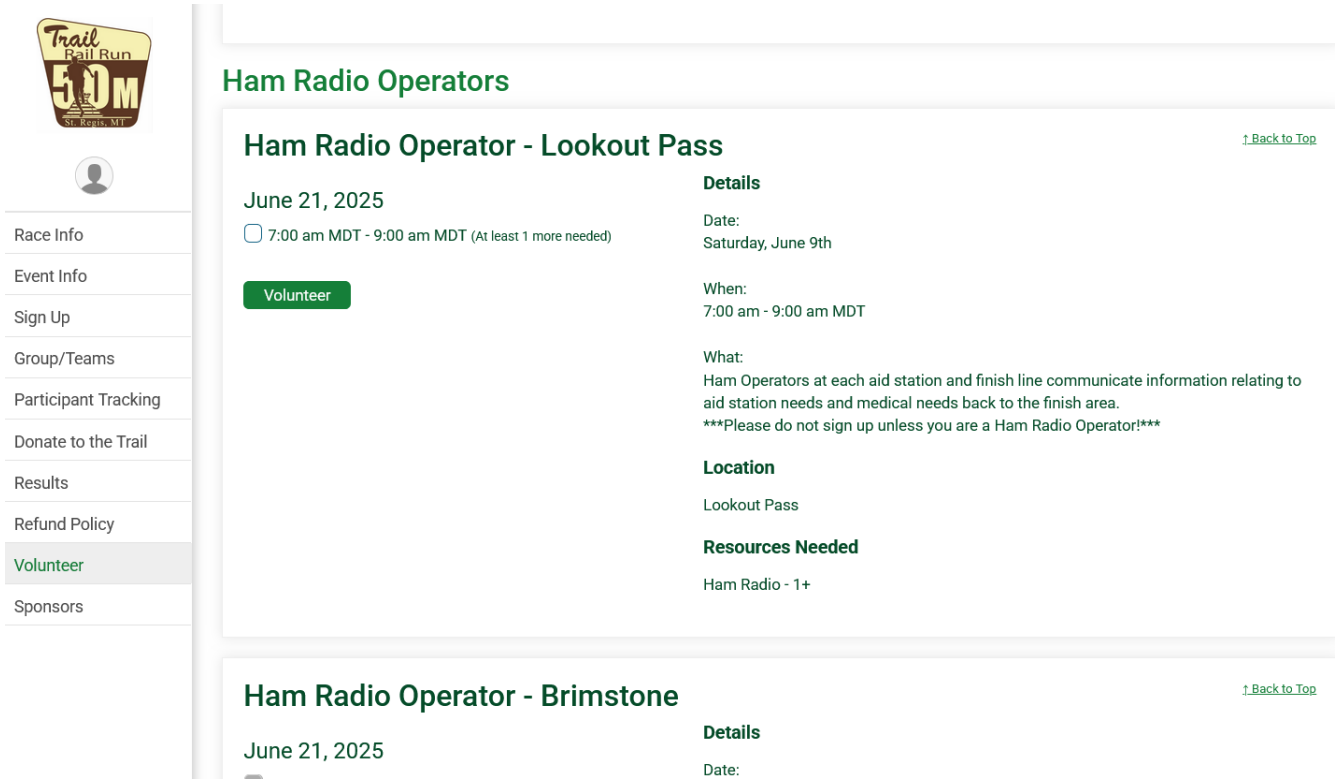
For More Information visit: www.arrl.org/field-day

Updated 3/2021

Trail Rail Run 21 Jun 2025

For Race info see https://runsignup.com/Race/MT/StRegis/TrailRailRun

To Volunteer see https://runsignup.com/Race/Volunteer/MT/StRegis/TrailRailRun



As you scroll down the page you will find 6-8 open positions they still need to fill as of 5/30/2025