



# The Hellgate Static



June 2013

Editor: Mike Leary K7MSO

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## Club Officers:

- President: NZ7S, Eric Sedgwick  
<mailto:nz7s@msn.com>
- Vice-president: vacant
- Treasurer: N7GE, Jerry Ehli  
[jeqli@modernmachinery.com](mailto:jeqli@modernmachinery.com)
- Secretary: Vacant

## Standing Committees:

- Emergency Coordinator: N7GE Jerry Ehli  
[jeqli@modernmachinery.com](mailto:jeqli@modernmachinery.com)
- Membership: vacant
- QSLs, Awards: N7MSU, Bob Henderson  
[n7msu@arrl.net](mailto:n7msu@arrl.net)
- Webmaster: K7MSO Mike Leary  
[mleary2001@yahoo.com](mailto:mleary2001@yahoo.com)
- Radio License Examinations  
Contact: VE K7VK Vick,  
[k7vk@arrl.net](mailto:k7vk@arrl.net)

## Repeater Advisory Committee

- Committee Chair : N7PAS, Paul Shuey, 1 yr, [n7pas@bresnan.net](mailto:n7pas@bresnan.net)
- N7MSU Bob 2 yr
- Tom K0SN 2 yr
- W7XY Donnie, 1 yr,  
[fort@montana.com](mailto:fort@montana.com)
- NZ7S Eric [nz7s@msn.com](mailto:nz7s@msn.com)



Dick, W7XT demonstrated antenna modeling software at the May meeting.

## Upcoming Events

- 10 Jun - Club meeting
- 22-23 June Field Day
- 04 Jul W7PX Special Event
- 08 Jul - Club meeting
- 14 Jul – Missoula Marathon
- 20 Jul YMCA Triathlon
- 20-21 Jul Glacier Waterton Hamfest
- ?? July Blackfoot River Cleanup
- 12 Aug - Club meeting
- 09 Sep - Club meeting
- 14 Sept Ride for the Symphony
- 08 Oct - Club meeting
- 19-20 October JOTA
- 11 Nov - Club meeting
- ?? Dec Skywarn
- 09 Dec - Club meeting

See club website for more meetings and events:

[http://www.w7px.org/meetings\\_and\\_events.html](http://www.w7px.org/meetings_and_events.html)

Minutes HARC meeting May 13, 2013 recorded by Donna KC5WRA

Vice-President Eric Sedgwick NZ7S called the meeting to order with the following hams and guests in attendance  
Paul Shuey N7PAS, Jerry Ehli N7GE, Eric Sedgwick NZ7S, Bill Farrell W4YMA, Lewis Ball NQ7D, Wayne Weber KE7BPU, Bob Henderson N7MSU,  
Vick Applegate K7VK, Tom Hellem K0SN, Donna Pecastaing KC5WRA,  
Greg Lee NL7WB, Donnie Fort W7XY, JC Jackson KD7TUE, Mike Leary K7MSO, Eileen Jackson KD7TUF, Dean Pond N7DLP,  
Sandra Pond KF7GZR,  
Dick Walton W7XT, Steve Flood KK7UV, Gary Watson - Guest

Treasurer Jerry N7GE reported 4/30/2013 \$925.94 balance.  
Donnie W7XY moved to accept report, Dean N7DOP 2<sup>nd</sup>, Motion carried.

Repeater Report – Paul N7PAS is working on a repeater for east-west, looking at Thompson Peak linking to the 90 repeater. Paul and Eric worked with USFS on getting a 30-year lease with no charge. Install VHF link to 90 in Missoula.

Paul NPAS moved to proceed with the VHF repeater at Thompson Peak, Lewis NQ7D 2<sup>n</sup>

Discussion – fees charged could be as much as \$400-500, but not likely to happen

Not much winter access but is a commercial area – many antennas there - Bob says it's easier to get to than others – 90 days for possible approval on this – all equipment will be all club owns – Eric feels there will be no problem and if all goes well will be about a year to do it

Tom K0SN amended motion to be contingent on \$500 fee waived. Jerry N7GE 2<sup>nd</sup>. Discussion – hasn't been budgeted for yet – Dick W7XT said let repeater committee proceed with plan and then come back with it – Amendment Failed

Vote on original motion carried unanimously.

Donna KC5WRA moved Minutes of 3/8/2013 be accepted. Paul N7PAS 2<sup>nd</sup> Motion carried

Net Control Schedule –5/15 Greg NL7WB, 5/22 JC KD7TUE, 5/29 ?, 6/5 Donna KC5WRA

Tom K0SN reported on 7QP competition event by Bear Creek Trail

Bill W4YMA wrote article for Static on Triathlon and River Bank Run

Jerry N7GE reported all went well on River Bank Run

Bob N7MSU discussed TOSRV race to be held Sat and Sun

Field Day – Tom K0SN is contact - need for publicity point person, and operator schedule coordinator. Mike K7MSO volunteered for Bonus Points position

Dick W7XT mailed 250 letters to recruit members for club. Mailing done at Opportunity Resources. Has not gotten much response. Eric NZ7S thanked him.

Mid-year Election (due to resignation of Elmer and Liz Meyers)

President - Donna KC5WRA nominated Lewis NQ7D, Lewis NQ7S nominated Eric NZ7S. Voted unanimously to elect Eric NZ7S for President and Donna KC5WRA for Secretary (with help from Maggie KF7KEE)

Dick W7XT presented Power Point Program on Antenna Modeling, dipole antennas and resonant antennas.



Steve KK7UV points to his homebrew antique radio.

## ANOTHER FB TOSRV

Ten volunteers from the Hellgate Amateur Radio Club provided communications for the 43<sup>th</sup> Tour of the Swan River Valley (TOSRV) on May 18 and 19. Cool, damp weather accompanied the 91 bicycle riders and hams for the two-day event. Great scenery, good food and companionship soothed the sore muscles on the 226-mile tour that took us from Missoula through Seeley Lake, Bigfork and Ronan before returning to Missoula. Best of all no one was seriously hurt or injured.

The Blanchard (146.800) and Point Six (147.040) repeaters performed flawlessly for the HARC hams. Simplex communications were needed only for the northern legs of the route.

Many thanks to the following hams for their diligent work that helped make TOSRV a success this year: Lewis NQ7D, Byron NN8A, Dick W7XT, Bill W4YMA, Bob N7MSU, Mike K7MSO, Dean KJ6CQC, Vick K7VK, Donna KC5WRA and Eric NZ7S.



Bob N7MSU reads the rules to the volunteers



Bob N7MSU talks with Mark, the "spare tire" guy.



Mark was on the scene of this flat tire less than 10 minutes after it was called in by Mike K7MSO.

### Aux Comm Training in Great Falls

Here is request from JC Jackson to notify all of my HARC contacts about an upcoming Aux Comm class coming on June 29<sup>th</sup> and 30<sup>th</sup>. The class is to be held in Great Falls, Montana. The class is free of charge to attend. In order to bring the teachers to the class there is a minimum number of people that need to attend. Please contact JC for more info. Here is JC's contact info.

1 406 218-9967

### July 4<sup>th</sup> W7PX Special Event

*By Bob Henderson, N7MSU*

HARC will again be operating a special event station at Fort Missoula on July 4, 2013. We will be operating an HF station at the Chapel at Fort Missoula and could use more operators and loggers. Our HF station is advertised on the ARRL website and in the July QST, so many hams will be looking for us on that date. You can practice your CW and Phone skills.

This is our opportunity to demonstrate ham radio to the public on a special day in our country's history. Many Missoulians attend the festivities and displays at Fort Missoula. With that in mind, we wear club caps and name tags, if we have them. This is a fun time on an important holiday with many festivities at Fort Missoula.

In addition to the HF station, Steve KK7UV and Craig KE7NO will display vintage ham radio equipment. Dave K7GPS and Mike K7MSO will put together an APRS display and Lewis NQ7D will be in charge of public relations. We plan to set up around 8 am and to take down the station about 4 pm. Park on the east side of the museum grounds.

Contact Bob N7MSU at 251-4148 or [n7msu@q.com](mailto:n7msu@q.com)



The first annual running of the 7th Call District QSO Party (7QP) by Hellgate ARC took place on May 4 and was a big success. Club members KE9BPU , NZ7S and K0SN, and visiting operator Craig Nelson guided the good ship W7XP to well over 800 qso's in the 18 hour contest.

The only disappointment was provided by the weather man as he had predicted 70 degree temperatures for Saturday which did not materialize at the 4600 elevation where the station was set up. But no matter, a constantly running pair of 3-500z's from the SB-220 amplifier provided all the warmth that the crew needed to survive the battle.

The antenna setup consisted of a brand new homebrew tribander (no traps) on an 18 foot boom, courtesy of K0SN, and an 80 meter ladder line fed dipole strung between 2 lodgepole pines at about the 50' level, courtesy of a Shakespeare open-face spinning reel mounted on 6' St. Croix rod, with a 1/4 oz. lead sinker.

KE9BPU provided late shift duty on SSB as NZ7S and K0SN had to depart because of marital obligations (dinner dates), and were gone for most of the evening. Craig also left around 7 PM leaving Wayne by himself to hold down the fort and defend the frequencies against all comers, of which he did a bang-up job and most likely propelled W7XP into the top 2 or 3 in it's class, based upon last years results.

A good time was had by all, and looking forward to the next one.



Tom K0SN works stations for the 7QP party



The club's beam at the site



Craig KE7NO and Tom K0SN confer about the computer



Eric NZ7S works the W7PX station