



The Hellgate Static

July 2019



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

Inside this issue:

- Upcoming Events
- Tom Hellem K0SN Resolution
- Field Day recap 2019
- Missoula Marathon Report
- France proposes eliminating 2 meter amateur band
- New Great Falls DMR repeater
- HARC June Meeting Minutes

Upcoming Events

- **4 July – W7PX Special Event Station at Fort Missoula**
- 18 -19 October – Boy Scout Jamboree on the Air
- 6-7 December – Skywarn Recognition Day
- 9 December – Christmas Dinner

July Meeting Program

Officers:

President: Mike Leary, K7MSO

Vice-President: Eric Sedgwick, NZ7S

Treasurer: David Herzberg, K7MTD

Secretary: Donna Pecastaing, KC5WRA

Standing Committees:

Emergency Coordinator: Jerry Ehli, N7GE

QSLs, Awards: Bob Henderson, N7MSU

Webmaster: Mike Leary, K7MSO

Static Editor: Terry Cook, KF7BQ

Radio License Exams Contact VE:

Paul Shuey, N7PAS

Repeater Advisory Committee:

Eric Sedgwick NZ7S (Chair)

David Herzberg, K7MTD

Tom Mc Ginley, K7QA

Tom Hellem, K0SN

Paul Shuey, N7PAS



Dick Walton W7XT, will present a program about the HARC, 2019 Field Day. This year we returned to a site on University Mountain. The club used this during the 1980's and those who attended this year had a great time.

Eric NZ7S will also be bringing his go-box including an ALE enabled HF radio for those interested in emergency communications to see.

THE HELLGATE AMATEUR RADIO CLUB
OF
MISSOULA, MONTANA; JUNE 9, 2019

DULY AND COMMODIOUSLY ASSEMBLED IN ACCORDANCE WITH THE CLUB CONSTITUTION AND BYLAWS, THE MEMBERS DO RESOLVE THIS DAY AS FOLLOWS.

WHEREAS: Thomas Hellem, KOSN, of his own initiative, proposed to undertake an attempt to sell the Club's Hallicrafters HT-4B war surplus AM transmitter;

WHEREAS: Brother Hellem proposed to offer to deliver said transmitter anywhere along the route of a necessary trip he was making to eastern Minnesota;

WHEREAS: He drafted and caused to be published in the appropriate places an inviting ad describing said transmitter and his offer of delivery in alluring terms;

WHEREAS: He then responded to inquiries congenially, giving interested parties confidence in his good will and the reliability of his descriptions and promise of delivery;

WHEREAS: He did secure a commitment from a buyer and agree to travel more than 100 miles out of his way to make the delivery;

WHEREAS: The delivery was made and payment in the amount of \$1800 was secured, significantly augmenting the Club's treasury;

BE IT RESOLVED: That the Club expresses its sincere gratitude to brother Hellem for his extraordinary and successful efforts in the Club's behalf.

Field Day 2019 Recap



Field Day 2019 is in the books. Those who participated, had a blast with 2124 total QSOs. 1297 CW and 827 SSB. There were dupes but Bob, N7IP was the PC/network maven and has the details. Plus Bob took the most pix. The rest of us took a few pix. We plan to prepare a followup report with pix and all the details to show as the HARC July meeting program. Photos by Bob Tabke N7IP and Dick Walton W7XT.

Montana to Get New Section Manager

Paul Stiles, KF7SOJ, will become ARRL Montana Section Manager on October 1. Stiles, of Billings, was the only candidate after nominations for the position were re-solicited this spring, and will serve an 18-month term. He will take over the position following George Forsyth, AA7GS, of Great Falls, who decided not to run for a new term after serving since 2013.

HARC Assists 2019 Missoula Marathon Event

Members of the Hellgate Amateur Radio Club provided communications and APRS tracker support for the 13th annual Missoula Marathon on June 30th. This years event went smoothly with the APRS trackers working well and the 146.90 repeater performing admirably. Mike K7MSO and Jerry N7GE acted as Net Control, while Eric NZ7S, Wyatt K7FON, Dan KI7HLW, Chris KE7MH, Rich K7QNZ, Bryce AF7RQ, Bill W4WMA, Donna KC5WRA, Terry KF7BQ and Bryce KI7LMV, manned aid stations along the course. We hope to have photos for the August Hellgate Static. Thanks to all those who participated

France proposes taking 2 Meter Band for Aeronautical Mobile Service

The next meeting of the CEPT WRC-19 Conference Preparatory Group takes place June 17-21 in Prague

France has submitted a paper with the subject Agenda Item 10 revised proposal for an agenda item for new non-safety aeronautical mobile applications.

The paper says:

*"The list of bands that are proposed for study of possible new allocations to the aeronautical mobile service on a primary basis is revised by adding the band **144-146 MHz**, the bands 5000-5010 MHz and 15.4-15.7 GHz being maintained."*

"The decisions of previous conferences have introduced some restrictions to the use and have imposed constraints on the development of aeronautical mobile applications within some existing mobile allocations traditionally used by the aeronautical mobile applications."

At the same time, the number of manned and unmanned aircraft equipped with sensors has grown significantly in the past 20 years together with the need of bidirectional low to high data rate communications."

Aeronautical applications like fire surveillance, border surveillance, air quality and environment monitoring, traffic monitoring, disaster monitoring, terrain modeling, imagery (visible, infrared, radar, meteo), video monitoring require non-safety communications between various types of aeronautical platforms."

Consequently the need of non-safety data communications between various types of aeronautical platforms increases and so the need for new frequency bands."

Editors note: a little research indicates the proposal is being promoted by the Thales Group, a French multinational company that designs and builds electronic systems and provides services for the aerospace, defense, transportation and security markets. The proposal received preliminary approval for consideration

MPRG installs new DMR repeater in Great Falls

Tom WR7AGT and William K7MT traveled to Black Horse north of Great Falls and installed a new dual mode analog/DMR repeater. It is linked to the Brandmeister digital network.

Repeater particulars:

449.200 MHz, offset -5MHz

Analog FM access: PL encode/decode 100.0 Hz

DMR Admission: Color code 2

DMR ID: 313008

Note: Color code and PL tone are different from what is used at most other MPRG sites.

June 13th, 2019 Tentative Meeting Minutes

Attendance: Donna Pecastaing KC5WRA, Jackie Harrington KC7RBC, Daniel Somerlott KI7HLW, David Herzberg K7MTD, Terry Cook KF7BQ, Rich Kingdon K7QNZ, Bryce Nordgren AF7RQ, Tom McGinley K7QA, Tom Hellem K0SN, Dick Walton W7XT, Eric Sedgwick NZ7S, Mike Leary K7MSO, Jim Hofmann N5CY, Larry Stipe K7GIS, and visitor Jeff Allen.

Test results: Two General class tests administered, one of which was successful.

Approval of March meeting minutes: Approved with correction. A new W5YI account was set up and \$24 was transferred into the new account. The reverse of indicated in the tentative minutes. Moved by Dan and seconded by Mike.

Treasurer's Report: By David. Approved on a motion by Donna and second by Mike.

Repeater Report: Tom McGinley reported that the road to the repeaters are still snowed in.

HF Committee Report: 1.) Dick Walton introduced a resolution commending Tom Hellem For his monumental effort to sell the club's Hallicrafters HT-4B transmitter, which he hand delivered to a Hallicrafters collector while traveling to Minnesota.

2.) Tom McGinley reported on arrangements for field day. We will be setting up 4 antennas in the saddle of the mountain and the site should be excellent for field day. The site usage fee has been paid. It was also decided to hold off on the club purchase of an Icom 7300 transceiver until after field day, to allow us to evaluate the 7300's performance in a strong signal contesting environment.

Recent Events: Trail Rail Run Bryce AF7RQ reported that the run went well with many Eastern Washington hams participating. Some problems late in the run with digital activity taking place on the MPRG Lookout Pass repeater while the event was using the dual-mode repeater on analog. Mike suggested that the club may want to consider participating in this event next year.

Additional discussions: Tom McGinley made that the club may want to set up a Paypal account to assist us in the sale of equipment from the Barry Smith Estate, seconded by Bryce and approved by the body. The Treasurer will also set up a separate bank account for the sale of club equipment. Dick Walton briefly talked about procedures the club will use in selling the remaining equipment.

Wednesday night VHF net control assignments:

June 12 K7MTD
19 K7MSO
26 NZ7S
July 3 KC5RWA

Next Meeting: Monday July 8th.