



The Hellgate Static

September 2022



Hellgate Amateur Radio Club

P.O. Box 3811, Missoula, MT 59806-3811

Web: www.w7px.org

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Officers:

President: Paul Shuey, N7PAS
Vice-President: Eric Sedgwick, NZ7S
Treasurer: Dick Walton W7XT
Secretary: Joe Geldrich, AG7FH

Standing Committees:

Emergency Coordinator: Jerry Ehli, N7GE

QSLs, Awards: Mike Leary, K7MSO

Webmaster: Mike Leary, K7MSO

Radio License Exams Contact VE:
Paul Shuey, N7PAS

Static Editor: Terry Cook, KF7BQ (Paul N7PAS)
Bluetooth_one@hotmail.com

Advisory Committee's:

Eric Sedgwick NZ7S (Chair)

HF-D Tom Hellem, K0SN Dec 2021 for (22/23)

HF-V Tom Mc Ginley, K7QA Dec 2020 for (21/22)

V/U-D David Herzberg K7MTD Dec 2021 for (22/23)

V/U-V Gary Duncan KG7WYQ Dec 2021 for (21/22)

This one will be a 1 yr term

Coming Events

Sep 5 **Labor Day**
Sep 12 Testing & Meeting
Oct 10 Testing & Meeting
Oct 14-16 JOTA
Oct 20 Great Mt Shakeout ??
Oct 22/23 Bitterroot Musers Dirt Derby

HARC September Meeting

Program: "Perspectives on 45 Years of Contest Station Building." by Patrick Barkey N9RV.

We are back to having monthly meetings and live in person online testing. The testing and meeting 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.

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 the end of the program until done. Volunteers may assist.

Published: 27 Aug 2022 @6:30 PM by N7PAS

Our good friend and Static editor Terry Cook is still having medical problems.

Please keep him in your prayers.

Terry is at home. Give him a call on his mobile 406-396-0475

Stop by and say hi, but give him a call first.

August Meeting Testing Results

Congratulations to:

1. No candidates signed up for testing, there was not a test session.

HARC Meeting 8 August 2022 Minutes

The meeting was called to order by President, Paul N7PAS, at 7:10 pm.

Roll was taken;

Paul N7PAS	Joe AG7FH	Dale W7RPG
Jim KJ7YHG	Bill KJ7PCR	Jace KK7GVO
Jerri N7JGS	David K7MTD	Tom K7QA
Tom K0SN	Dick W7XT	

Minutes from the last meeting were approved, 1st by DaleW7RPG, and 2nd by Bill KJ7PCR.

Treasure's Report, Dick W7XT. Reported on all accounts and said "Field Day expenses so far are \$226.78, equipment for online testing \$757.70". Treasures report approved, 1st Dave K7MTD, 2nd Tom K0SN.

Repeater Comm. No report.

Coming events;

2 Sept. Fox Hunt, 5 Sept. Labor Day, 12 Sept. Testing and Meeting, 19 Sept. Fox Hunt.

VHF Net assignments;

17 Aug. N7JGS	24 Aug. NZ7S	31 Aug. KK7AJO
7 Sept. N7PAS	14 Sept. N7JGS	21 Sept. W7RPG

Dick W7XT reports David K7MTD, made 120 QSOs last Sat. in the NA QSO party.

Next meeting 12 Sept.

Meeting adjourned; 1st Tom K0SN, 2nd Jace KK7GVO, at 7:25 pm.

Patrick Barkey N9RV gave an informative program; "Operating Mechanics-The X Factor in Contesting Success". End of program 8:20 pm.

Secretary, Joe AG7FH

The QSO Today Virtual Ham Expo Returns September 17 -18, 2022



The next QSO Today Virtual Ham Expo, a full featured virtual ham radio convention, is September 17 -18, 2022. The online event includes speakers and presentations, fully interactive video lounges where participants can meet each other and chat, and an exhibit hall full of vendors and organizations.

While the Ham Expo was originally created in August 2020 as an alternative to canceled in-person ham radio conventions due to the COVID-19 pandemic, it has evolved into a regularly-held event for amateur radio learning through peer submitted presentations on nearly every amateur radio subject, lively discussion, and interaction.

The Expo uses virtual event technology using platforms produced by vFairs and Kumospace. "The Kumospace lounges were a fantastic edition to the Expo last March and were full of hams and conversation during the entire Expo weekend", said Eric Guth, 4Z1UG, the founder of the QSO Today Virtual Ham Expo.

Kumospace is a video chat platform for hosting and participating in immersive virtual events. Guth said there are new enhancements that will make the lounges even more enjoyable for attendees. Kumospace and vFairs are now supported by apps for Apple and Android. Expo personnel still recommend a fast internet connection and big screens for the best user experience.



The QSO Today Virtual Ham Expo includes Kumospace lounges where participants can interact with each other via live video and audio.

New for this Ham Expo is a Poster Gallery Hall that includes a product showcase and interactive projects submitted by amateurs. The product showcase is as a way for vendors who may or may not have a booth to demonstrate individual products through videos, white papers, and slides. Each showcase is fully interactive through text chat and supports opportunities for vendors to follow-up with interested visitors. The Poster Gallery will also include an opportunity for individuals to submit papers, projects, and articles to be enjoyed by Expo delegates. Accepted gallery submission will include a free ticket to the expo.

Sponsor and exhibitor opportunities are still available. The \$10 ticket for the Expo will go on sale in August. Anyone can attend the Expo from anywhere in the world, over the internet.

For more information go to qsotodayhamexpo.com. ARRL The National Association for Amateur Radio® is a QSO Today Virtual Ham Expo Partner.



A new feature of the Expo is a Poster Gallery Hall which will include a product showcase and interactive projects from radio amateurs.

JOTA-JOTI 2022 (Jamboree-on-the-Air-Jamboree-on-the-Internet)

The world's largest amateur radio Scout event, is set for October 14 - 16, 2022. The event connects millions of young people around the world for a full weekend of amateur radio and online activities that promote friendship and global citizenship. Using both the airwaves and the Internet, JOTA-JOTI enables young people and volunteers to participate in fun and engaging group activities focused on developing 21st century skills through Scouting. JOTA is one of World Scouting's longest-running global events, dating back to 1958. JOTA-JOTI aims to support young people of all ages to learn about communications technology, the values of global citizenship, and their role in creating a better world. To register and learn more about JOTA-JOTI, visit their website at www.jotajoti.info

Contact Eric NZ7S for Local information.

Point 6 Update

Item 1. 146.900 - We had a key problem so could not get in to do any work.

Item 2. 147.040 – We found that the 04 Antenna was at a 5 to 10 degree tilt to the south.

This was due to a cracked tower top section. We installed a third bracket and dropped the antenna down about 14 inches. See Pictures.



Item 3. 145.010 – The Packet Simplex radio was found to have a few issues. A) Two cables on the tuning cavity were found to be very loose, we replaced the 3 short cables and 2 T connectors with a slightly longer single cable. B) The Ground plane on the antenna was missing 2 ground radials. 1 was gone the other had been picked up and slid in between the mounting bracket and the antenna. We reinstalled it back onto the antenna. C) The weatherproof connection at the bottom of the antenna was showing metal. The outer layer of tape was gone. We reformed the plyable rubber coating over the metal and applied a new outer coating of tape. All now Ok.

Item 4. 144.390 – APRS Simplex Radio was 100% Ok for the Cabinet, Power supply, Radio, Feed line, and Antenna. It was also being used as we inspected it. **ERIC & PAUL**

HELLGATE AMATEUR RADIO CLUB

AGENDA – 12 Sep 2022 meeting

Introductions. Make sure you sign the attendance sheet

last meeting minutes: _____
Approval of last meeting minutes: 1st _____ 2nd _____ Discussion P/F/T _____

Treasurer's report: _____
Approval of Treasurer's report: 1st _____ 2nd _____ Discussion P/F/T _____

Repeater Advisory Committee Report: _____

Approval of Committee report: 1st _____ 2nd _____ Discussion P/F/T _____

Events for 2022:

2 Sep – Fox Hunt	10 Oct – Testing and Meeting
12 Sep – Testing & Meeting	14/15 Oct – Jamboree On The Air
24 Sep – Spokane Hamfest	20 Oct – Great Montana Shakeout Drill
19 Sep – Fox Hunt	29/30 Oct – Bitterroot Musers Dirt Dash

HARC Social Net every Saturday morning @ 9:00 AM on 147.040 Repeater

HARC Discussion List

FYI

September 24 | [Spokane Hamfest](#), hosting the ARRL Washington State Convention, Spokane Valley, Washington _____

14/15 Oct – JOTA _____

20 Oct – Great Montana Shakeout Drill _____

VHF Net NCS assignments:

Aug 3_KK7AJO	Backup	Oct 5_N7PAS_	Backup
Sep 7_N7PAS_	Backup	Oct 12_____	Backup
Sep 14_N7JGS_	Backup	Oct 19_____	Backup
Sep 21_W7RPG	Backup	Oct 26_____	Backup
Sep 28_NZ7S__	Backup	---- --_____	Backup
---- --_____	Backup		

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

Good and Welfare. _____

***** Next Club meeting: Oct 10.**

Adjournment: 1st _____ 2nd _____ P/F/T _____

Program: "Perspectives on 45 Years of Contest Station Building."
by Patrick Barkey N9RV.

>>> September 2022

Goal of the month: ...Back to School - Drive Carefully...

28	29	30	31	1	2	3
					Fox Hunt 146.560MHz @ 7:00 PM	HARC Social Net 9:00 Am on 147.040 Repeater
4	5	6	7	8	9	10
	Labor Day		ERC NET 7:30 on 146.900-88.5T BARC NET 8:15 on 146.720-203.5T HARC NET 9:00 on147.040+NoTone			HARC Social Net 9:00 Am on 147.040 Repeater
11	12	13	14	15	16	17
	HARC Testing 5:30 & Meeting 7:00 PM		ERC NET 7:30 on 146.900-88.5T BARC NET 8:15 on 146.720-203.5T HARC NET 9:00 on147.040+NoTone			HARC Social Net 9:00 Am on 147.040 Repeater
18	19	20	21	22	23	24
	Fox Hunt 146.560MHz @ 7:00 PM		ERC NET 7:30 on 146.900-88.5T BARC NET 8:15 on 146.720-203.5T HARC NET 9:00 on147.040+NoTone			HARC Social Net 9:00 Am on 147.040 Repeater
25	26	27	28	29	30	1
			ERC NET 7:30 on 146.900-88.5T BARC NET 8:15 on 146.720-203.5T HARC NET 9:00 on147.040+NoTone			