



# The Hellgate Static



January 2012

Editor: Mike Leary K7MSO

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Wyatt, NZ7S Eric's harmonic, helped winch in the coaxial cables at the end of the club's Skywarn event.

## Club Officers:

- President: WG7P, Elmer Myers  
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- Vice-president: N7PAS, Paul Shuey  
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- Treasurer: N7GE, Jerry Ehli  
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- Secretary: WG7E Liz Myers  
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## Standing Committees:

- Emergency Coordinator: N7GE Jerry Ehli  
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- Membership: WG7E, Liz Myers  
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- QSLs, Awards: N7MSU, Bob Henderson
- Webmaster: K7MSO Mike Leary  
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## Repeater Advisory Committee

- Committee Chair : N7PAS, Paul Shuey  
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- KJ7NL Walter [walin1946@q.com](mailto:walin1946@q.com)
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- W7XY Donnie, [fort@montana.com](mailto:fort@montana.com)
- NZ7S Eric [nz7s@msn.com](mailto:nz7s@msn.com)

## Upcoming Events

- 14 Jan - 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)



# HARC Conducts Successful ARISS Contact

“Loud and clear Missoula!” That phrase from the International Space Station over the Oregon coast signaled that the HARC ARISS team could breathe again after a few anxious moments calling and getting no response in front of hundreds of students, teachers, radio and TV reporters at the Target Range Elementary school last Tuesday morning.

After VHF radio comms were established the next task was keeping the antenna pointed at the station using azimuth and elevation numbers from a laptop computer and manually adjusting azimuth and elevation controls located next to the radios in the gym. Observers watching the antenna outside confirmed on a separate UHF net that the antenna was indeed pointed in the intended direction. Just half an hour before the predicted contact the azimuth and elevation equipment kept the hams blood pressure up as they with calibration problems. Additionally, the azimuth changed when an ht was transmitting! The problems with the antenna also delayed radio checks for the primary transceiver.

All of the dozen or so kids asked a question then got in back of the line again as the astronaut responded. Each student was thus able to ask two questions, with some asking three (!) before contact was lost with ISS as it disappeared over the horizon when it was over Canada, north of the Great Lakes and south of Hudson Bay.

Many thanks go to the many volunteers who helped make this happen:

Jerry N7GE for coordinating the event, providing the antenna trailer, and fixing snags as they popped up.

Dick W7XT with satellite radio, computer, snag fixer

Vick K7VK for providing the satellite antennas and rotator from his roof

Wayne KQ7J for providing his satellite radio and computer

Lance W7GJ for building antenna phasing harness, backup radio, and backup antenna

Wayne KE7BPU as antenna aligner, cable runner

Eric NZ7S as snag fixer and HARC Master of Ceremony

Dave K7GPS as snag fixer

Glenn KT7QA as snag fixer and cable runner

Mike K7MSO as antenna pointer and providing his laptop

Here is the Missoulian article:

[http://missoulian.com/news/local/missoula-students-link-up-with-astronaut-on-international-space-station/article\\_ec47e43c-5a12-11e2-bd00-0019bb2963f4.html?comment\\_form=true](http://missoulian.com/news/local/missoula-students-link-up-with-astronaut-on-international-space-station/article_ec47e43c-5a12-11e2-bd00-0019bb2963f4.html?comment_form=true)





Left to right: Dick W7XT, Lance W7GJ, Wayne KQ7J, Eric NZ7S, Wayne KE7BPU, Mike K7MSO, and Dave K7GPS



Lance W7GJ and Mike K7MSO discuss the display



Lance W7GJ and Wayne KQ7J discuss radio frequencies

# For Sale –Price change

Refurbished Yaesu VX-2R 2m/440 band in July 2012

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2 spare touch pads

leather case for radio

2 belt clips

RT Systems Software w/ program cable.

like a new radio!

Asking ~~\$150.00~~ \$125.00

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