

Watch Live: Wiring the Abyss Leg 1, 7 ? 21 May 2019

Submitted by Katie Shoemaker Wed, 2019-05-08 14:36

During this 2-week expedition aboard the Canadian Coast Guard Vessel *John P. Tully* using Pelagic Research Services ROV *Odysseus*, a team of 17 scientists, engineers, technicians and data specialists will conduct operations to maintain, install and improve infrastructure and instrumentation on Ocean Networks Canada's cabled observing networks in the Salish Sea, and deep sea offshore sites at Barkley Canyon, Endeavour, Cascadia Basin, and Clayoquot Slope.



The Canadian Coast Guard Ship John P. Tully team positions ROV Odysseus before a dive in the Strait of Georgia.

Highlights of Leg 1 include:

- Deploying a mooring at Saanich Inlet sill to further understand this unique natural low oxygen zone.
- Instrumentation at Endeavour hydrothermal vents will see significant expansion, including new sensors and cameras to improve our understanding of the dynamic ecosystem that is Canada's first marine protected area.
- Improvements will be made to the tsunami detection array at Cascadia Basin.
- New deep sea moorings will be deployed to measure ocean currents that flow along the Juan de Fuca volcanic ridge.

Join us live as we wire the abyss

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