

## 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**

Follow expedition updates on Twitter via [#ONCabyss](#)

## **Tags:**

- [WTA19](#)
- [Wiring the Abyss](#)
- [expedition](#)
- [CCGS Tully](#)
- [ROV Odysseus](#)

## **Categories:**

- [News Stories](#)
- [Science Highlights](#)

```
// FIXES AMPERSAND IN BREADCRUMB var ONC_breadcrumb =
document.getElementById("breadcrumb"); if (ONC_breadcrumb) { var ONC_innerHTML =
ONC_breadcrumb.innerHTML; ONC_innerHTML = ONC_innerHTML.replace("&", "&");
ONC_breadcrumb.innerHTML = ONC_innerHTML; }
```

## **Highlights**

- [Audio](#)
- [Data](#)
- [Learning](#)
- [Science](#)

- [Video](#)

## Reading Room

- [Active Research](#)
- [Backgrounders](#)
- [FAQs](#)
- [Glossary](#)
- [News Briefs](#)
- [News Stories](#)
- [Newsletters](#)
- [Publications](#)

## Cool Stuff

- [Apps](#)
- [Digital Fishers](#)
- [iBooks & e-Pubs](#)
- [Live Video](#)
- [Maps](#)
- [Images](#)
- [State of the Ocean](#)

## Data & Tools

- [Apps](#)
- [Data Plots](#)
- [Data Search](#)
- [Data Policy](#)
- [Data Help](#)
- [OPeNDAP Web Services](#)

## Opportunities

- [Calendar](#)
- [Educator Opportunities](#)
- [Global Partnerships](#)

- [Industry Network](#)
- [Jobs](#)
- [Staff List](#)
- [Technology Services](#)

## Sites & Instruments

- [Arctic Sites](#)
- [Northeast Pacific Sites](#)
- [Salish Sea Sites](#)
- [Notice to Mariners](#)

## Follow Us



[Sign up for our newsletter](#)

## Feedback

Send us your questions and comments \*

How could we improve this page?

Your Name

Your Email \*

Your Location

CAPTCHA

This question is for testing whether or not you are a human visitor and to prevent automated spam submissions.



What code is in the image? \*  
Enter the characters shown in the image.



[About Us](#) | [Contact Us](#) | [Media Relations](#) | [Legal Notices](#)

© Ocean Networks Canada. All rights reserved. 2474 Arbutus Road, Victoria, BC, V8N 1V8  
| 1.250.472.5400

```
(function () { var d = new Date; var year = d.getFullYear();  
document.getElementById("copyright-date").innerHTML = year; })();
```

---

**Source URL:** <https://www.oceannetworks.ca/watch-live-wiring-abyss-leg-1-7-%E2%80%9321-may-2019>