



# Technology Demonstration Facility

ONCCEE's Technology Demonstration Facility (TDF) performs testing, verification and development support for ocean observing sensors and instrumentation.

By performing independent testing both in the laboratory and on an ocean observatory, ONCCEE can demonstrate the functionality and performance of sensors to the global community.



In addition to testing on the VENUS and NEPTUNE Canada networks ONCCEE also utilizes the University of Victoria's Ocean Technology Test Bed (OTTB). The OTTB offers rapid access to sea floor experiments.

A typical test plan covers initial performance verification in the lab, followed by a long term deployment on one of ONC's ocean observing networks, and finally a post deployment performance verification to measure long term drift and assess the robustness of the device under test.

THE OCEAN NETWORKS CANADA OBSERVATORY



ONCCEE can test sensors and instrumentation in the following environments:

- Coastal waters
- Continental slope
- Subduction zone
- 20 m to 2700 m depths
- High or low currents
- Continental shelf
- Abyssal plain
- Volcanic and hydrothermal vents
- High or low turbidity

[www.onccee.ca](http://www.onccee.ca)

For more information contact:

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