



PRESS RELEASE

FOR IMMEDIATE RELEASE

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## **VENUS Strait of Georgia Node Up and Running**

### ***Subsea Cabled Observatory Enters 3<sup>rd</sup> Year of Continuous Operations***

North Vancouver, British Columbia – OceanWorks International and the University of Victoria are pleased to announce the successful deployment and power-up of the *Strait of Georgia Shallow Node*. With this successful deployment, the VENUS Strait of Georgia Shallow Node joins the Saannich Inlet Node in providing live video and acoustic images and real-time data for scientific research. The Saanich Inlet Node has been providing live data to the scientific community since February 2006.



The Shallow Node Pod, designed and built by OceanWorks to provide power and fiber optic communications to “plug and play” scientific instrumentation modules, was lowered onto a trawl resistant frame (TRF) located near the mouth of the Fraser River at a depth of 170m. This node was connected to 40 km of cable providing power and data path back to the shore station at Iona Point. Engineers at the shore station then brought the system on-line by switching power on to the subsea cable. Instrument packages, with an OceanWorks Science Instrument Interface Module (SIIM), were then deployed at the node.

The VENUS (Victoria Experimental Network Under the Sea) project is managed by the University of Victoria, and is the world’s most advanced subsea cabled observatory. VENUS is designed to operate for 20 years as a permanent infrastructure on the seafloor, providing continuous power and communications to scientific instruments for monitoring the ocean environment.

OceanWorks is an internationally recognized subsea technology company specializing in the design and manufacture of manned / unmanned subsea systems and specialized equipment for military, oil and gas, scientific, and other marine markets. Offering a full range of subsea system engineering, design and analysis, fabrication, testing, and project management services, OceanWorks has been at the cutting edge of deep submergence and diving technology, operations, and support for over 20 years.

For more information on OceanWorks International products and services please visit our website at [www.oceanworks.com](http://www.oceanworks.com). For more information on the VENUS observatory science, including real time data from Saanich Inlet and the Strait of Georgia please visit [www.venus.uvic.ca](http://www.venus.uvic.ca).

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