

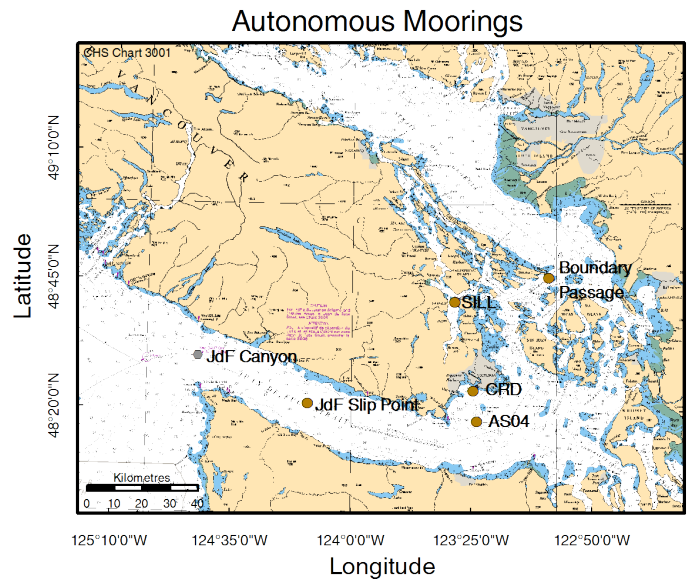
Information for Mariners – October 2018 Ocean Networks Canada: Autonomous Moorings

Project: Ocean Networks Canada is an initiative of the University of Victoria and operates a series of ocean observatories. The NEPTUNE Observatory consists of a subsea cabled network off the west coast of Vancouver Island, beginning in Port Alberni and extending 300 km offshore along an 813 km loop. The VENUS Observatory operates a similar network in both the Strait of Georgia and Saanich Inlet. From a shore landing, an armoured marine cable extends along the ocean bottom to nine large nodes, which then connect to oceanographic instrument systems. High voltage power is supplied down the cable, and Ethernet communications along fibre optics bring data and images back to the University in near real time. Project status, system information, and data are available from the Ocean Networks Canada web site: www.oceannetworks.ca

What: Fixed moorings holding scientific instruments extend 10 m off the seafloor.

When: Latest system and instrument deployments of moorings: **29 October 2018**

Where: **Juan de Fuca Strait, Boundary Pass, and Saanich Inlet.**



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Name	Latitude	Longitude	Depth	Notes	Description
Mooring – Juan de Fuca (AS04)	48°18.0590' N	123°23.4290' W	119 m	Chart 3440	Fixed mooring extending 10 m above seafloor
Mooring - Juan de Fuca (Slip Point)	48°21.3511' N	124°12.9565' W	187 m	NOTMAR 28-Sep-2018 Chart 3606	Fixed mooring extending 10 m above seafloor
Mooring – Capital Regional District (Victoria Harbour)	48° 24.0640' N	123° 24.5300' W	63 m	Chart 3440	Fixed mooring extending 10 m above seafloor
Mooring - Boundary Pass	48°45.9990' N	123°02.3650' W	232 m	Chart 3441	Fixed mooring extending 10 m above seafloor
Mooring - Juan de Fuca (Canyon)	48° 30.5003' N	124° 45.0056' W	227 m		Fixed mooring extending 10 m above seafloor (Temporarily removed for servicing).
Mooring SILL-09 (Saanich Inlet)	48°41.2830' N	123°29.9943' W	93 m	Chart 3441	Fixed mooring extending 10 m above seafloor.

Contacts: If you have any concerns, or would like further information, please contact either: Adrian Round, Ocean Networks Canada's Director of Observatory Operations at around@uvic.ca or 250-472-5364 or Karen Douglas, GIS Specialist at kdouglas@uvic.ca or 250-472-5359.