

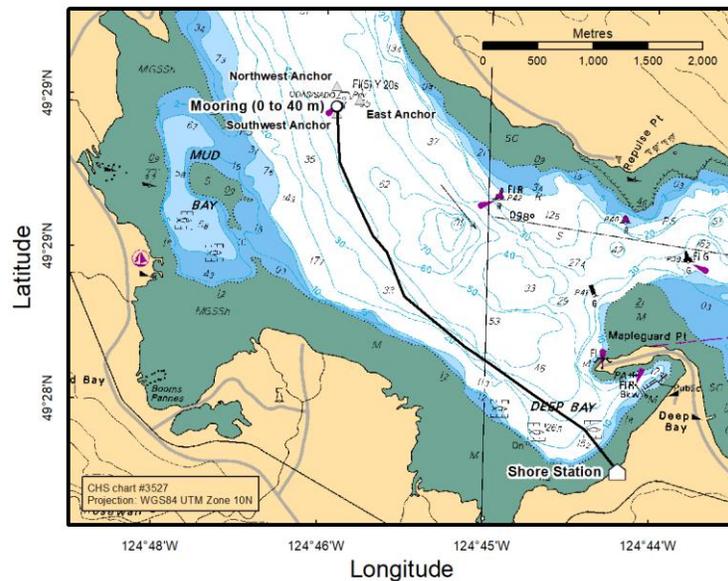
## Information for Mariners – January 2025 ONC Baynes Sound

**Project:** Managed by Ocean Networks Canada (ONC) at the University of Victoria, the Baynes Sound Ocean Acidification Mooring (Figure 1) began as a static, tiered instrument platform—a collaboration between the Department of Fisheries and Oceans (DFO), MEOPAR, VIU, and ONC. In January 2026, the site transitioned to a dynamic profiling system. This upgrade was conducted under the Climate Ready BC Seafood Program, led by the Tula Foundation, the Province of British Columbia, the Ocean Decade Collaborative Center for the Northeast Pacific, and ONC. The mooring consists of a triple anchored 7 m yellow platform, with taut anchor lines running Northwest, Southwest, and East from the float. The system is configured with multiple oceanographic instruments for measuring the water properties as they relate to monitoring ocean acidification. A marine cable extends from a shore station along the ocean bottom to the mooring and a wireless link transmits data to the shore station. The data are then sent to the University of Victoria and are available in real-time from the ONC [Oceans 3.0](#) website.

**What:** Marine observatory system (see web site for system details).

**When:** Latest system and instrument deployments in Baynes Sound: **15 January 2026**

### Baynes Sound Mooring



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**Installations:**

Name	Latitude	Longitude	Depth [m]	Notice	Description
<b>Mooring</b>	49.48689 N	-124.76933 W	0-40 m	See chart #3527	7 m yellow surface platform equipped with ODAS lights [Y FI(5)20s]. See Figure 1 below for photo.
<b>Northwest Anchor</b>	49.48855 N	-124.76940 W	55 m		Anchor
<b>Southwest Anchor</b>	49.48630 N	-124.76931 W	56 m		Anchor
<b>East Anchor</b>	49.48742 N	-124.76647 W	55 m		Anchor

**Cables and Lines:** A cable runs from the shore station located on the pier at 49.45754 N, -124.73308 W. From there, it extends subsea to the mooring (See Figure 1).

**Contacts:** If you have any concerns or would like further information, please contact either Ben Biffard, Ocean Networks Canada's Director of Digital Operations, at [bbiffard@oceannetworks.ca](mailto:bbiffard@oceannetworks.ca), or ONC GIS Specialists at [GIS@oceannetworks.ca](mailto:GIS@oceannetworks.ca).



Figure 1: Surface Platform in Baynes Sound