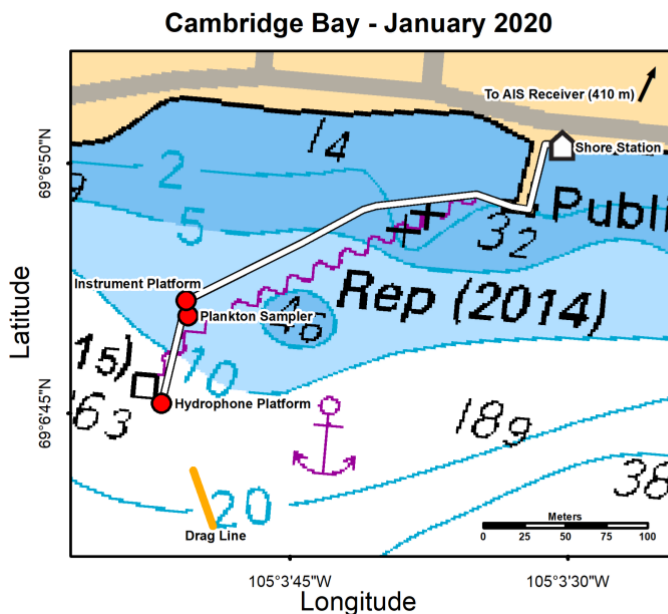


Notice to Mariners – January 2020 Arctic Observatory/ONC Cambridge Bay

Project: The Cambridge Bay Observatory is an oceanographic observatory managed by Ocean Networks Canada (ONC) of the University of Victoria. From the central dock in Cambridge Bay, a marine cable extends along the ocean bottom to small array of oceanographic instrument systems. A wireless link transmits data to the government building. The data and images are then sent back to the University of Victoria via satellite connection. Project status, system information, and data are available from the ONC website: <http://www.oceannetworks.ca>

What: Marine cables and observatory systems (see web site for system details).

When: Latest system and instrument deployments in Cambridge Bay: **01 August 2019**



This figure has been produced by the University of Victoria based on Canadian Hydrographic Service (CHS) charts, pursuant to CHS Direct User License No. 2015-0223-1260-V. The incorporation of data sourced from CHS in these products shall not be construed as constituting an endorsement by CHS of these products. These products do not meet the requirements of the Charts and Nautical Publications Regulations, 1995 under the Canada Shipping Act, 2001. Official charts and publications; corrected and up-to-date, must be used to meet the requirements of those regulations.

Platforms:

Cables and Lines: A cable runs from the shore station out to the Northwest corner of the dock (69° 06.8346' N, 105° 03.6096' W). From there, it extends subsea to the instrument platform. A second cable extends 10m from the instrument platform to the plankton sampler. A third cable runs from the instrument platform to the hydrophone platform. A blue rope with floats and weights, serving as a dragline, extends ~40 m to the southeast of the hydrophone platform with an endpoint at (69° 06.7164' N, 105° 03.822' W).

Name	Latitude	Longitude	Depth [m]	Notices	Description
Instrument Platform	69°06.7910' N	105°03.8640' W	8 m	NOTSHIP A213/18 for chart 7750	3 m grey aluminum tripod
Hydrophone	69°06.7560' N	105°03.8780' W	13 m	NOTSHIP A213/18 for chart 7750	1.5 m grey PVC and aluminum tripod
Plankton Sampler	69°06.7860' N	105°03.8610' W	8 m		1.5 m grey steel frame

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 Adrienne Shumlich, GIS Specialist at ashumlich@uvic.ca.