

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 04 022 24R-M

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TITLE: Cambridge Bay Ocean Observatory

OBJECTIVES OF RESEARCH:

Ocean Networks Canada (ONC) has been operating an underwater observatory in Cambridge Bay since September 2012. Underwater sensors and a camera provide continuous information on seawater properties, ice thickness and marine organism activity to a shore station on the Cambridge Bay wharf, where a weather station and webcam provide additional data. Data from all instruments and cameras are transmitted by a Wi-Fi link to a server in the Kitikmeot Regional Government building where an antenna receives Automatic Identification System transmissions from ocean-going vessels and sends these signals to the server. All observatory data are relayed via Starlink satellite internet connection to the ONC data center at the University of Victoria where they are freely available over the Internet.

TERMS & CONDITIONS:

The holder of the license will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (NIRB File # 12YN034) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this license.

DATA COLLECTION IN NU:

DATES: January 1,2024 to December 31,2024

LOCATION: Cambridge Bay

Scientific Research License 04 022 24R-M expires on December 31,2024

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James Shirley
Science Advisor

