

Nunavummi Qaujisagtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 007 14R-M-Amended

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TEAM MEMBERS: K. Moran, R. Flagg, K. Juniper, B. Pirenne, I. Kulin, S. McLean, M. Tomlin,
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AFFILIATION: University of British Columbia

TITLE: Cambridge Bay Undersea Observatory.

OBJECTIVES OF RESEARCH:

Underwater sensors and a camera provide continuous information on seawater properties, ice thickness and marine organism activity. Data from the underwater instruments and the weather station are transmitted by a WiFi link to a server in the Nunavut Government building, where data are transmitted via satellite to our ONC data centre at the University of Victoria and made available to all. We also plan to collect seawater and mud samples in the vicinity of the platform, to calibrate our instruments. We would also need to collect specimens of seafloor life (invertebrates) around the platform, so that our experts can identify the species we are observing.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

DATA COLLECTION IN NU:

DATES: August 07, 2012-August 31, 2017

LOCATION: Cambridge Bay

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Issued at Iqaluit, NU on January 24, 2014


Mary Ellen Thomas
Science Advisor

