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# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 042 18R-M

ISSUED TO: Jeffrey Brown  
National Research Council of Canada  
1 Arctic Avenue  
St. John's, NL A1B 3T5 Canada

### TEAM MEMBERS:

AFFILIATION: National Research Council of Canada

TITLE: Ice Loading on the Nanisivik Naval Facility

### OBJECTIVES OF RESEARCH:

We aim to study the ice loads on the deep water harbor at Nanisivik and compare the load measurements with the movement of the ice bustle against the harbour with tidal action. Goals & objectives – measure loads, measure the ice bustle and observe the movement of the bustle under tidal action. We will communicate with the local hunters and trappers association to arrange for transportation and wildlife monitoring. Any structures that will be erected (permanent / temporary) – All equipment is part of the Nanisivik Naval Facility and has been installed as part of that Construction. Equipment to measure the ice profile will consist of pylons, tripods, poles and is will be retrieved. The load monitoring system is part of the Naval Facility and as such is accounted for in their long term retrieval plans. All ice profile equipment will be retrieved from the site at the completion of our work.

### 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: June 01, 2018-June 08, 2018

LOCATION: Nanisivik Deep Water Harbor

Scientific Research License 02 042 18R-M expires on December 31, 2018

Issued at Iqaluit, NU on April 20, 2018

Mary Ellen Thomas  
Science Advisor

