

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 01 019 24R-M

ISSUED TO: Craig Lee
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TEAM MEMBERS:

TITLE: The Arctic Observing Network: Renewing Observations at the Davis Strait Gateway

OBJECTIVES OF RESEARCH:

The Davis Strait observing system matches ongoing collections at Bering Strait, Utqiagvik, Alaska, and Fram Strait to extend the time series of concurrent measurements across the major Arctic Gateways, to allow the analysis of several important science questions. Scientific moorings will be installed in the Davis Strait with support from the Greenlandic R/V Sanna to:

- Quantify change in Arctic freshwater and heat balances.
- Understand the interactions between Arctic change and global climate.
- Document changes in Arctic Ocean acidification and potential impacts on subpolar oceans.
- Establish a sustained, international integrated Arctic Observing Network.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (21YN030) 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: October 8,2024 to November 5,2024

LOCATION: Davis Strait, Cape Dyer

Scientific Research License 01 019 24R-M expires on December 31,2024

Issued at Iqaluit, NU on April 24, 2024

PER Jamal Shirley
Science Advisor

