

SCIENTIFIC RESEARCH LICENCE

LICENCE # 0102221N-A

ISSUED TO: Craig Lee
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AFFILIATION: University of Washington, Applied Physics Laboratory

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. In 2021, 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 license holder is bound by all project specific terms and conditions recommended by the Nunavut Impact Review Board in Screening Decision Report File No. 21YN030

DATA COLLECTION IN NU:

DATES: August 02 to August 06, 2021

LOCATION: Davis Strait, Nunavut

Scientific Research Licence 0102221N-A expires on 31, December 2021

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Jamal Shirley
Nunavut Science Advisor

