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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 04 002 26N-M

ISSUED TO: John Yackel
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TEAM MEMBERS: R.Scharien, J.Stroeve, A.Langlois, S.Williamson

TITLE: Copernicus Expansion Missions Sea Ice Experiment (CEMSIE)

OBJECTIVES OF RESEARCH:

The Copernicus Expansion Missions Sea Ice Experiment (CEMSIE) is a Canadian-university led international research project designed to improve how researchers measure and understand Arctic sea ice and snow. The project focuses on first-year sea ice (FYI)—the seasonal ice that forms each winter and melts the following summer—because it now dominates Arctic ice cover and is highly sensitive to climate change. Europe is launching several new satellites that will collect free data on snow depth, ice thickness, and concentration—key indicators of Arctic change. CEMSIE will ensure these satellites provide accurate results by conducting detailed field and airborne measurements

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 #25YN081)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: March 25,2026 to May 15,2026
LOCATION: Dease Strait

Scientific Research License 04 002 26N-M expires on December 31,2026
Issued at Iqaluit, NU on Janaury 15,2026

James Shirley
Science Advisor

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