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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 01 026 26R-M

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TITLE: Sikunnguaq-The Likeness or Image of Ice in Maps

OBJECTIVES OF RESEARCH:
This project was initiated by the SmartICE community management committee in Mittimatalik, the self-titled "Sikumiut". The Sikumiut includes Elders and youth from Mittimatalik and members from the Mittimatalik Hunters and Trappers Organization, Hamlet Council, Canadian Rangers, Search and Rescue, and Parks Canada. Together with the Sikumiut and SmartICE community management committees in Iqaluktutiaq and Qikiqtarjuaq, we have co-designed a Nunavut based research plan to make better maps for identifying sea ice features related to safe travel, from images and data collected by satellites. Development of satellite remote sensing based mapping technology requires field data collection of snow and sea ice geophysical variables, and electromagnetic data of snow and sea ice thickness, coincident to test satellite image acquisitions. Field data will be collected adjacent to the three main project communities, at different times in the sea ice growth cycle, including late-winter, early spring, and fall freeze-up.

TERMS & CONDITIONS:
The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (NIRB File # 25YN001) 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: April 15,2026 to December 15,2026
LOCATION: Cambridge Bay,Pond Inlet, Qikiqtarjuaq

Scientific Research License 01 026 26R-M expires on December 31,2026
Issued at Iqaluit, NU on March 19,2026

Per _____
James Shirley
Science Advisor