

SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 018 26R-M

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TITLE: IceBird 2026

OBJECTIVES OF RESEARCH:

The aim of IceBird is to conduct sea ice surveys over different ice regimes when sea ice is close to its maximum thickness. The project is designed to collect detailed measurements and trace the evolution of such changes from year to year. Sea ice thinning and retreat are expected to continue as a result of climate change with a major uncertainty introduced by long-term natural climate variability. In April 2026 we will continue our airborne ice thickness surveys in the Canadian Arctic Archipelago and Arctic Ocean. However, due to tight finances this year we will only be based in Cambridge Bay. There, we are a part of the international CEMSIE sea ice remote sensing project led by Professor John Yackel from the University of Calgary. Our only activity are survey flights over the sea ice with our own DC3/Basler aircraft.

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 # 09YN010, 25YN003 & 14YN025) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this license.

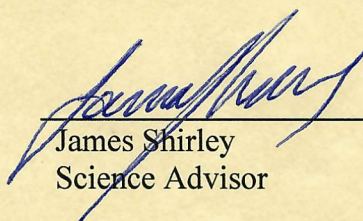
DATA COLLECTION IN NU:

DATES: April 10, 2026-April 19, 2026

LOCATION: Cambridge Bay

Scientific Research License 04 018 26R-M expires on December 31, 2026

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James Shirley
Science Advisor

