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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 02 019 24R-M

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TEAM MEMBERS: T.Krumpen,R.Kelly,J.Welch,M.Gehrmann,N.Hutter

TITLE: IceBird 2024

OBJECTIVES OF RESEARCH:

IceBird 2024 is a long term project to study the variability and changes of sea ice in the Canadian Arctic, both land fast ice and the pack ice of the Arctic Ocean. IceBird 2024 is a continuation of surveys initiated by Professor Haas when he was an Alberta Ingenuity Scholar at the University of Alberta (2007-2012) and a Tier 1 Canada Research Chair at York University in Toronto (2012-2017). Secondary objectives are to map the occurrence of rough ice and slush which pose hazards for travel over ice by snowmobiles, and the provision of ground-truth data for satellite observations. The results are needed to assess climate change in the Canadian Arctic and to help making travel over ice safer. The latter is achieved in close collaboration with Prof. Trevor Bell and the SmartICE project. Airborne surveys will be carried out with a DC3-T/Basler aircraft between April 9 and May 4 2024.

TERMS & CONDITIONS:
The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (09YN010 & 14YN025)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: April 9,2024 to May 4,2024
LOCATION: Resolute Bay,Cambridge Bay,Gjoa Haven,Pond Inlet,Eureka

Scientific Research License 02 019 24R-M expires on December 31,2024
Issued at Iqaluit, NU on April 8,2024

Jamal Shirley
Science Advisor

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