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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 03 009 26R-M

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TEAM MEMBERS: M.Bonnycastle

TITLE: ACCESS-Arctic Community Connectivity for Equity, Sustainability, and Service

OBJECTIVES OF RESEARCH:
The Arctic Community Connectivity for Equity, Sustainability, and Service (ACCESS) project will be a community-led endeavour in Chesterfield Inlet that aims to understand the opportunities and challenges associated with high-bandwidth internet communications for northern communities and address them by developing a drone airship to act as a satellite communications hub for communities. We plan to conduct social needs assessments with the community to understand how people are communicating now, their challenges, and suggestions for how to improve communications, particularly surrounding hunters and trappers travelling beyond their communities. Co-develop airship technologies that could provide improved communications networks and situational awareness for people travelling between and beyond communities. Demonstrate and evaluate the effectiveness of the new solutions within and outside the community.

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 #25YN012) 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: February 15,2026 to December 31,2026
LOCATION: Chesterfield Inlet

Scientific Research License 03 009 26R-M expires on December 31,2026
Issued at Iqaluit, NU on February 10,2026

James Shirley
Science Advisor

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