NOTICE OF SCREENING

OPPORTUNITY FOR PUBLIC COMMENT

NIRB File No.: 22YN023

Project Name:	The **"Shipping Emissions in the Arctic and North Atlantic Atmosphere"** project	
Proponent Name:	University of Birmingham	
Project Type:	Research	Region: Qikiqtani Region
Public Registry:	www.nirb.ca	Application No.: 125690
Comment Deadline:	**May 20, 2022**	

PROJECT SCOPE:

The proposed "Shipping Emissions in the Arctic and North Atlantic Atmosphere" project is located within the Qikiqtani region, the research vessel Discovery would pass Pond Inlet, Clyde River, Qikiqtarjuaq, Pangnirtung, and Iqaluit areas of influence, remaining in Baffin Bay and avoiding 1/10 sea ice due to vessel specifications. The Proponent intends to conduct research, measuring the atmospheric aerosol and air composition, seawater column sampling, and seabed mapping to establish baseline conditions prior to expected changes from Climate Change during the research cruise. The program is proposed to take place from May 2022 to June 2022. The scope of this proposed project as identified by the NIRB includes the following undertakings, works or activities:

- Sailing from Reykjavik, Iceland, travelling through the Davis Strait and Labrador Sea, and arriving at Southampton, UK without anchoring or stopping on land
- Use of unmanned drones to collect air samples
- Use of two (2) ship-fitted echosounders to continuously collect depth measurements and map the seabed
- Use of underway sampling system (continuous water analysis) and direct surface water samples to collect seawater samples.

Please visit the NIRB's public registry online at the link above and look up NIRB File No.: **22YN023** to access all project information, maps, and public comment forms.

REQUEST FOR COMMENTS

You are invited to provide the NIRB with your comments regarding whether the proposed project is:

- likely to arouse significant public concern and, if so, why;
- likely to cause significant adverse ecosystemic or socio-economic effects and, if so, why;
- likely to cause significant adverse impacts on wildlife habitat or Inuit harvest activities and, if so, why;
- a type where the potential adverse effects are highly predictable and can be prevented/managed appropriately with known technology.

Parties are also invited to recommend any specific mitigation measures they feel would be appropriate, and to bring any other matter of importance related to this project proposal to the NIRB's attention.

CONTACT INFORMATION

The NIRB has recently launched an updated online public registry, and parties can access project information as well as submit comments directly to the NIRB via www.nirb.ca. Comments can still be submitted directly to the NIRB via email at info@nirb.ca or via fax to **(867) 983-2594**.

If you have any questions or require clarification regarding the proposed project or the NIRB's screening process, please contact Caitlin Pelletier, Technical Advisor I toll-free at (867) 983 4603 or cpelletier@nirb.ca.