



COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board (NIRB) has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavut. To assess the environmental and socio-economic impacts of the project proposal, NIRB would like to hear your concerns, comments and suggestions about the following project proposal application:

Project Proposal Title: <u>Hudson Bay System Paleoceanography</u>			
Proponent: <u>Université Laval</u>			
Location: <u>Kivalliq, Qikiqtani</u>			
Comments Due By: <u>August 14, 2023</u>	NIRB #: <u>23YN048</u>		
<p>Indicate your concerns about the project proposal below:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> no concerns <input type="checkbox"/> water quality <input type="checkbox"/> terrain <input type="checkbox"/> air quality <input type="checkbox"/> wildlife and their habitat <input type="checkbox"/> marine mammals and their habitat <input type="checkbox"/> birds and their habitat <input type="checkbox"/> fish and their habitat <input type="checkbox"/> heritage resources in area </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> traditional uses of land <input type="checkbox"/> Inuit harvesting activities <input type="checkbox"/> community involvement and consultation <input type="checkbox"/> local development in the area <input type="checkbox"/> tourism in the area <input type="checkbox"/> human health issues <input checked="" type="checkbox"/> other: _____ _____ _____ </td> </tr> </table> <p>Please describe the concerns indicated above:</p> <p>Information from Transport Canada’s Marine Safety and Security group and Indigenous Relations Unit is provided in the next section.</p>		<input type="checkbox"/> no concerns <input type="checkbox"/> water quality <input type="checkbox"/> terrain <input type="checkbox"/> air quality <input type="checkbox"/> wildlife and their habitat <input type="checkbox"/> marine mammals and their habitat <input type="checkbox"/> birds and their habitat <input type="checkbox"/> fish and their habitat <input type="checkbox"/> heritage resources in area	<input type="checkbox"/> traditional uses of land <input type="checkbox"/> Inuit harvesting activities <input type="checkbox"/> community involvement and consultation <input type="checkbox"/> local development in the area <input type="checkbox"/> tourism in the area <input type="checkbox"/> human health issues <input checked="" type="checkbox"/> other: _____ _____ _____
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<p>Do you have any suggestions or recommendations for this application?</p> <p><u>Marine Safety and Security</u></p> <p>In the Arctic, the <i>Canada Shipping Act, 2001</i>, the <i>Marine Liability Act</i>, the <i>Arctic Waters Pollution Prevention Act</i>, <i>Arctic Shipping Safety and Pollution Prevention Regulations</i> and the <i>Marine Transportation Security Act</i> combine to provide Canada’s operational regulatory regime governing marine safety, security and environmental protection matters. Additional details as follows:</p> <ul style="list-style-type: none"> • The <i>Canada Shipping Act, 2001</i> (CSA) provides an overall regime to protect the safety and the environment for vessels operating in waters under Canadian jurisdiction. Its regulations include requirements for a vessel*s construction, management of ballast water, pollution control, arrangements for emergency response, and crew qualifications. Pollution response and prevention measures apply in respect of vessels in Canadian waters or waters in the exclusive economic zone of Canada. • The <i>Arctic Waters Pollution Prevention Act</i> (AWPPA) provides enhanced environmental protection with respect to vessels operating in waters under Canadian jurisdiction north of 60° 			

North latitude. Canada has developed new regulations, the *Arctic Shipping Safety and Pollution Prevention Regulations* (ASSPPR) that incorporate the Polar Code, with the addition of specific Canadian modifications designed to provide clarity on discharge requirements for the prevention of pollution by oil, by sewage, and by garbage from vessels, as well as the control of pollution by noxious liquid substances in bulk. Note that the Arctic Waters Pollution Prevention Act (AWPPA) places a complete prohibition (zero discharge) of pollution from ships/vessels in “arctic waters”, as defined in the AWPPA, except where regulations authorize.

- The *Marine Liability Act* sets out a regime that requires vessels operating waters under Canadian jurisdiction to carry insurance to pay for damages from oil spills.
- The *Marine Transportation Security Act* sets out a regime to protect and preserve the efficiency of Canada's marine transportation system against unlawful interference. The Department helps the industry achieve compliance with marine security legislation and regulations through awareness, certification, inspection, and enforcement and helps ports, marine facilities and vessels implement the International Ship and Port Facility Security (ISPS) Code through the Marine Transportation Security Regulations (MTRs).

These Acts and Regulations combine to provide Canada’s operational, regulatory regime governing marine safety and environmental protection matters. Transport Canada administers these Act and Regulations and is responsible for monitoring compliance and enforcing its requirement. Vessels in the Canadian Arctic are required to comply with the above acts and regulations as applicable.

Additionally, the following should be noted:

- Transport Canada has committed to improving awareness of cruise ship operators. It has developed cruise ship guidelines that are intended to provide information on the requirements of Federal and Territorial government agencies during the planning phase of cruises and during the subsequent Arctic voyages. Information provided by several non-governmental organizations has also been included. The guidelines can be read at <https://tc.canada.ca/sites/default/files/migrated/tp13670e.pdf>. Section 7A of the Annual Notice to Mariners provides additional advice for voyage planning in Canadian Northern waters. <https://www.notmar.gc.ca/publications/annual/annual-notices-to-mariners-eng.pdf>.
- If intending to make any stops in the Canadian Arctic, it is strongly recommended that the vessel operator contact the communities ahead of the trip and contact Canada Border Services Agency (CBSA) at the first port of call.

Indigenous Relations Unit

The Canadian Arctic is governed under a ‘joint-management model’ whereby a variety of federal, provincial, and territorial government departments and agencies, along with Indigenous and local



communities and regulatory boards play separate and important roles. Navigating waterways in the Canadian Arctic are subject to comprehensive Land Claims Agreements and the operator must seek the proper permissions prior from all relevant authorities.

Transport Canada recommends operators contact Territorial Land Claim Administrators to ensure the proper procedures are followed prior to arrival. Most Canadian Arctic communities welcome visitors, provided they are contacted well-in-advance and have a chance to prepare for visitors.

Community members enjoy the opportunity to share their hospitality, culture and knowledge of the Arctic. Many Arctic communities still involves traditional activities; hunting, fishing and eating 'country foods'. It is therefore important that visitors be respectful and culturally sensitive of these activities.

Do you support the project proposal? Yes No Any additional comments?

Not applicable

Name of person commenting: Jackie Barker **of** Transport Canada

Position: Regional Environmental Advisor **Organization:** Transport Canada

Signature:  **Date:** August 10, 2023