

## Permit Annual Report 2023

**Project Title:** Marine Acoustic Monitoring in Ninginganiq National Wildlife Area (NWA)

**Permit number:** 02 042 23R-M

**Permittee name and contact information:**

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**Number of personnel and/or visitors that entered the protected area under the permit:**

1 University of Windsor researcher (Nigel Hussey)  
Crew of the vessel Kiviuq II (Arctic Fishery Alliance)

**Date and duration of permittee's visit to each protected area:**

September 20, 2023, ~4 hours

**Transportation and travel route(s):**

The moorings were recovered and deployed from the Kiviuq II. The vessel departed from Clyde River, entered the NWA from the North, recovered the mooring deployed in 2022, then deployed the 2023 mooring at 5:34pm ET, and continued out of the NWA (see map below for mooring locations for 2022 and 2023).



**Camping site(s):** N/A

**Summary of activities:**

The Kiviuq II entered the NWA on Sept.20, 2023 to recover the 2022 acoustic recorder mooring and deploy the 2023 mooring. The crew deployed the mooring at 5:34pm ET at a depth of 107m (69.671583N, -67.1526W). After deployment, the Kiviuq II transited out of the NWA. The crew noted that there was a significant amount of ice in the area when they passed through the NWA.

**Record of wildlife observed (all species):**

No wildlife was observed in the NWA during this visit.

**Record of archaeological sites observed:**

We did not observe any archaeological sites during our activities.

**Community consultation and involvement:**

The community of Clyde River was consulted on the project via a meeting with the Ninginganiq ACMC in 2022. The Mayor, HTC, and Ittaq Heritage and Research Centre were invited to attend, though only the Mayor accepted the invite. The community was generally supportive of the research. No community members were part of the mooring deployment crew. The ACMC supported the redeployment of a recorder to gather a second year of data in March 2023.

**Future plans within the protected area:**

As per our permit, we plan to return to the NWA in Sept/Oct 2024 to retrieve the acoustic recorder; we plan to conduct our activities using the Kiviuq II again in 2024.