



## **NIRB Uuktuutinga Ihivriughikhamut #125834**

### **Annual shrimp survey in Hudson Strait.**

**Uuktuutinga Qanurittuq:** New

**Havaap Qanurittunia:** Marine Based Activities

**Uuktuutinga Ublua:** 6/28/2023 11:40:03 AM

**Period of operation:** from 0001-01-01 to 0001-01-01

**Piumayaat Angirutinga:** from 0001-01-01 to 0001-01-01

**Havauhikhaq Ikayuqtinga:** Wojciech Walkusz  
Fisheries and Oceans Canada  
501 University Crescent  
Winnipeg Manitoba R3T 2N6  
Canada  
Hivayautit Nampanga:: 12049306199, Kayumiktukkut Nampanga::

# QANURITTUT

**Tukihiannaqtunik havaariya uyumayumik uqauhiyun**

Qablunaatitut: The survey intends to survey shrimp stocks in the Hudson Strait area. The survey will occur over the period of approx. 50 days (in the period between July 1 and September 30) and will employ demersal trawl to fish the shrimp. The fishing will occur from the fishing vessel. Once enumerated, all shrimp and bycatch will be released back into the water.

Uiviititut: Le relevé vise à étudier les stocks de crevettes dans la région du détroit d'Hudson. L'enquête se déroulera sur une période d'env. 50 jours (entre le 1er juillet et le 30 septembre) et utilisera un chalut démersal pour pêcher les crevettes. La pêche se fera à partir du navire de pêche. Une fois recensées, toutes les crevettes et les prises accessoires seront remises à l'eau.

[illegible]

## Personnel

Personnel on site: 16

Days on site: 50

Total Person days: 800

Operations Phase: from 2023-07-14 to 2023-09-28

## Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
Shrimp survey area	Marine Based Activities	Marine	The survey performed annually.	n/a	Nearest community - Kimmirut, about 65km away from sampling area; proximity of Hatton Basin Closure, no sampling in closure

### Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Information is not available			

# Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Transboundary  
South Baffin

## Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Iqalukhiurniqmut Tariuqmilu Kaanata	License to Fish for Scientific Purposes	Applied, Decision Pending		

## Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Water	Fishing Vessel Katsheshuk II	

## Project accomodation types

Alaanut,

# Ihuaqutivaluin Atuqtauyukhan

Hanalrutit atuqtaunahuat (ukuallu ikuutat, pampiutainnik, tingmitinik, akhaluutinik, hunaluuniit)

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
Fishing vessel	1	60m length	Fishing Vessel Katsheshuk II will be used to do the survey.

## Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Diesel	fuel	1	460	460	Metric Tons	This is a fuel capacity of the vessel.

## Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqtittagaani qanuq	Atulirumayain imavaluin utiqtittagani humi
0		

# Iqqakuq

## Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtitarnirutikhan piyutin
Marine Based Activities	Qimnarivyaktuq imaq	200t/day	According with Transport Canada regulations for offshore fishing operations.	Treated as per Transport Canada regulations.

### Avatiliriniqmut Ayurhautingit:

The impacts of the proposed research will be negative (removal of the resource, bottom disturbance), however, mitigation measures (catch not retained, short duration of the individual tow) will mitigate the impacts to some extent.

# **Additional Information**

**SECTION A1: Project Info**

**SECTION A2: Allweather Road**

**SECTION A3: Winter Road**

**SECTION B1: Project Info**

**SECTION B2: Exploration Activity**

**SECTION B3: Geosciences**

**SECTION B4: Drilling**

**SECTION B5: Stripping**

**SECTION B6: Underground Activity**

**SECTION B7: Waste Rock**

**SECTION B8: Stockpiles**

**SECTION B9: Mine Development**

**SECTION B10: Geology**

**SECTION B11: Mine**

**SECTION B12: Mill**

**SECTION C1: Pits**

**SECTION D1: Facility**

**SECTION D2: Facility Construction**

**SECTION D3: Facility Operation**

**SECTION D4: Vessel Use**

**SECTION E1: Offshore Survey**

**SECTION E2: Nearshore Survey**

**SECTION E3: Vessel Use**

## **SECTION F1: Site Cleanup**

## **SECTION G1: Well Authorization**

## **SECTION G2: Onland Exploration**

## **SECTION G3: Offshore Exploration**

## **SECTION G4: Rig**

## **SECTION H1: Vessel Use**

The vessel to be used is a Canada registered (Home Port: ST.JOHN'S), operational (active) fishing vessel - Katsheshuk II(IMO: 9127174; Call Sign: VAAI); it will be used to deploy the demersal trawl (Campelen) in the pre-selected locations in the Hudson Strait.

## **SECTION H2: Disposal At Sea**

Catch and bycatch will be disposed immediately after processing (enumeration). Any disposal from the vessel will be done according to marine regulations of Transport Canada for the offshore operating vessel. The vessel will not dispose waste in the inshore areas.

## **SECTION I1: Municipal Development**

### **Qanurittuq Ittunik Avatinga: Avatingalluanga**

There are no impacts for the physical environment.

### **Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga**

Catch and bycatch species removals are limited to an absolute minimum (15 minutes tows). Past history of the survey indicates that the following catch and bycatch amounts are expected: - shrimp: Northern Shrimp - 550kg, Striped Shrimp: 3200kg; - finfish (bony fish species): 2000kg; - other taxa (including sponges, corals, seastars etc.): 900 kg

### **Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga**

The survey provides information that feed directly into decision making on the Total Allowable Catch of shrimp. The shrimp in Hudson Strait are solely caught by the parties from Nunavut and Nunavik.

## **Miscellaneous Project Information**

### **Naunaiyainiq ukuninnga Ayurhauingit unalu Piumayaat Ikikliyuumiutinahuarutit**

There is a catch (shrimp) and bycatch (fishes, sponges) involved in this research activity. The duration of the individual tow, thus the overall impact at the particular location, are minimized by reducing the tow time to 15 minutes and live release of fish when they are enumerated.

### **Tamatkiumayunik Ihuikgutivaktunik**

Bycatch removal, shrimp (catch) removal from the particular location, disruption of the bottom by the trawl (minimal due to short tow duration).





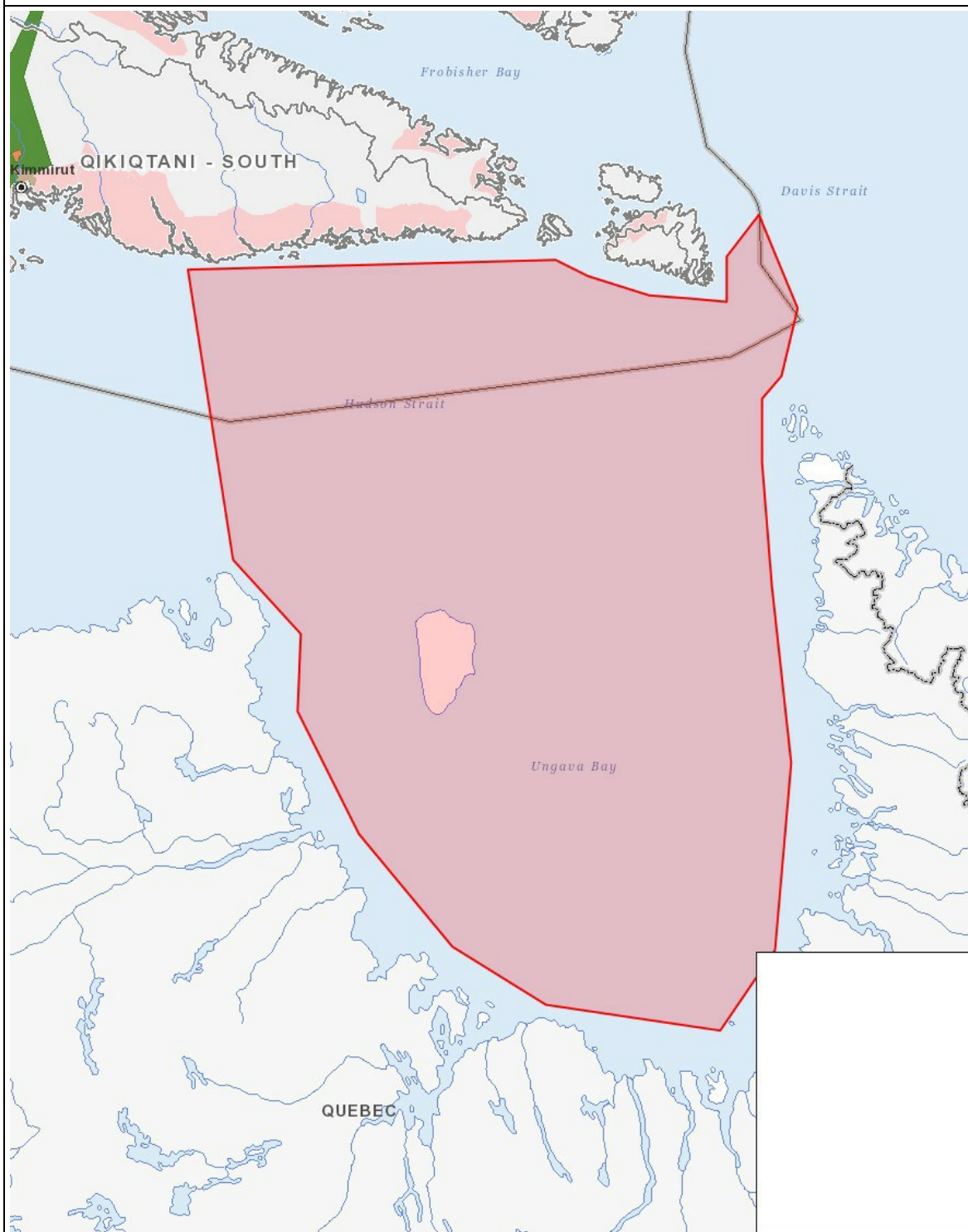
# Impacts

## Ilitariyauniq Avatiliriniqmut Ayurhautingit

		PHYSICAL	Designated environmental areas	Ground stability	Permafrost	Hydrology / Limnology	Water quality	Climate conditions	Eskers and other unique or fragile landscapes	Surface and bedrock geology	Sediment and soil quality	Tidal processes and bathymetry	Air quality	Noise levels	BIOLOGICAL	Vegetation	Wildlife, including habitat and migration patterns	Birds, including habitat and migration patterns	Aquatic species, incl. habitat and migration/spawning	Wildlife protected areas	SOCIO - ECONOMIC	Archaeological and cultural historic sites	Employment	Community wellness	Community infrastructure	Human health
Havakvinga																										
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Aulapkaininnga																										
Marine Based Activities		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	M	-		-	-	-	-	-
Piiqtauniq																										
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(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)

# Havaariyauyukhamut Nayugaa



## List of Project Geometries

1	polygon	Shrimp survey area
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