



## **NIRB Uuktuutinga Ihivriughikhamut #125364**

### **Crocker Bay Study and NW Passage to Gjoa Haven**

**Uuktuutinga Qanurittuq:** New

**Havaap Qanurittunia:** Scientific Research

**Uuktuutinga Ublua:** 6/27/2018 10:46:41 PM

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

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

**Havauhikhaq Ikayuqtinga:** Nicole Trenholm  
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Annapolis md 21403  
United States  
Hivayautit Nampanga:: 2152084464, Kayumiktukkut Nampanga::

Operations Phase: from 2018-07-28 to 2018-08-26

# Hulilukaarutit

| Inigiya                   | Hulilukaarut<br>Qanurittuq | Nunannga<br>Qanurittaakhaanik | Initurlinga<br>qanuritpa | Initurlinga<br>utuqqarnitat<br>unaluuniit<br>Ingilraaqnitat<br>Uyarannguqtut<br>akhuurninnga | Qanitqiyauyuq<br>qanitqiamut<br>nunallaat<br>kitulluuniit<br>ahiruqtaliyainnit<br>nuna |
|---------------------------|----------------------------|-------------------------------|--------------------------|--|--|
| NW Passage,<br>Croker Bay | Marine Based<br>Activities | Marine                        | N/A                      | N/A  | Pond Inlet, Gjoa<br>Have, and Resolute   |

## Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

| Nunauyuq                     | Atia | Timiuyuq | Upluani<br>Uqaqatigiyaungmata |
|------------------------------|------|----------|-------------------------------|
| Information is not available |      |          |                               |

# Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Transboundary  
Kitikmeot  
North Baffin

## Angiuttauvaktunik

| Munariniqmut<br>Ayuittiaqtuq                   | Angirutinga<br>Qanurittuq | Tadja<br>Qanurittaakhaanik | Ublua<br>Tuniyauyuq/Uuktuqtuq | Umikvikhaa Ublua |
|--|---------------------------|----------------------------|-------------------------------|------------------|
| Nunavunmi<br>Ihivriuqniqmut<br>Timiqutigiyanga | NPC No 148838             | Active                     | 2018-06-19                    | 2018-08-28       |

## Project transportation types

| Transportation<br>Type | Qanuq Atuqtauniarmangaa | Length of Use |
|------------------------|-------------------------|---------------|
| Water                  | recreational yacht      |               |

## Project accomodation types

Alaanut,

## Ihuaqutivaluin Atuqtauyukhan

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

| Hanalrutit Qanurittuq                                     | Qaffiuyut | Aktikkulaanga – Qanurittullu | Qanuq Atuqtauniarmangaa                       |
|---|-----------|------------------------------|---|
| yacht   | 1         | 39 feet                      | cruise, research                              |
| Might have backup instrument: USB2000+                    | 1         | 0.1m                         | Back up sea surface observations, temperature |
| RBR Conductivity, temperature and sound speed (CTD) probe | 1         | 0.3                          | surface and water column data                 |

### Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

| Qanurittuq urhuqyuaq hunavaluit aturninnga: | Urhuqyuaq Qanurittuq | Qaffiuyut qattaryut | Qattaryuk Aktikkulaanga | Atauttimut Qaffiuyut | Ilanga  | Qanuq Atuqtauniarmangaa    |
|---|----------------------|---------------------|-------------------------|----------------------|---------|----------------------------|
| Gasoline                                    | fuel                 | 3                   | 300                     | 900                  | Gallons | inboard engine when needed |

### Imaqmik Aturninnga

| Ubluq qanuraaluk (m3) | Aturumayain imavaluin utiqittagaani qanuq             | Atulirumayain imavaluin utiqittagani humi |
|-----------------------|---|---|
| 1                     | Carry drinking and washing water needs from Greenland | Greenland                                 |

# Iqqakuq

## Ikkakunik Munakgiyauyunik

| Havauhikhaq<br>Hulilukaarut | Qanurittuq<br>Iqqakut     | Ihumagiyauyuq<br>Qanuraaluktut<br>Atuqtait | Qanuq<br>Iqqakuurniarmangaa | Halummaqtirarnirutikhan<br>piyutin |
|-----------------------------|---------------------------|--|-----------------------------|------------------------------------|
| Marine Based<br>Activities  | Other, kitchen<br>rubbish | 2 bags                                     | leave stowed in vessel      | n/a                                |

### Avatiliriniqmut Ayurhautingit:

More collaborative research discoveries between Canadian agency and academic researchers with US academic researchers.

# **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**

Survey observations regarding the ice and ocean physical and environmental conditions in the NW Passage and Crocker Bay.

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

## **SECTION I1: Municipal Development**

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

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

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

## **Miscellaneous Project Information**

7/12/2018 Additional details request: As the Canadian vessel approaches the Northwest Passage the Canadian Captain will assess the ice conditions to determine if the 2 Americans can be checked into the country in a navigable open port. If conditions do not permit stopping in Pond Inlet then the Canadian Captain will call the proper authorities to provide arrival Passport information and details for checking in the 2 Americans. All aboard are familiar with this process. The 2 Americans are planned to depart from Gjoa Haven and fly back to the US around the 25th of August. If ice conditions do not allow the 2 Americans may depart from a different ice free harbor town such as Resolute or Pond Inlet. The two Canadians will continue on through the Northwest Passage keeping to the Canadian Coast Guard mandatory 24 hour position check in and departure from Canadian waters. The two Canadians continue through the Northwest Passage to International waters and then Alaska.

### **Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit**

### **Tamatkiumayunik Ihuikgutivaktunik**



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              | -        | -                              | -                | -          | -                     | -             | -                  | -   | -                           | -                         | -                              | -           | -            | -          | -          | -  | -   | -   | -                        | -              | -  | -          | -                  | -                        | -            |
| Aulapkaininnga          |          |                                |                  |            |                       |               |                    |   |                             |                           |                                |             |              |            |            |  |   |   |                          |                |  |            |                    |                          |              |
| Marine Based Activities | -        | -                              | -                | -          | -                     | P             | -                  | -   | -                           | P                         | -                              | -           |              | -          | -          | -  | -   | -   |                          | -              | -  | -          | -                  | -                        | -            |
| Piiqtauniq              |          |                                |                  |            |                       |               |                    |   |                             |                           |                                |             |              |            |            |  |   |   |                          |                |  |            |                    |                          |              |
| -                       | -        | -                              | -                | -          | -                     | -             | -                  | -   | -                           | -                         | -                              | -           | -            | -          | -          | -  | -   | -   | -                        | -              | -  | -          | -                  | -                        | -            |

(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)

# PROJECT MAP



## LIST OF PROJECT GEOMETRIES:

|   |          |                        |
|---|----------|------------------------|
| 1 | polyline | NW Passage, Croker Bay |
|---|----------|------------------------|