



## **NIRB Application for Screening #125720**

### **Far North Fiber Marine Route Survey**

**Application Type:** New

**Project Type:** Marine Based Activities

**Application Date:** 6/24/2022 5:42:12 PM

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

**Proposed Authorization:** from 0001-01-01 to 0001-01-01

**Project Proponent:** Ik Icard  
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Anchorage AK 99503  
United States  
Phone Number:: 3609811704, Fax Number::

[illegible]

Inuinnaqtun: Far North Digital LLC pivalliaqitut Ungahiktumi Tununnganaq Ivalutut ittut alrujaq havaaq. Hivulliqpaanguuvluni tarjurm iluaniittut umiaqtut qiplariktut ivalutut ittut alrujaq innanganiaqhimaquq uvani Ukiuqtaqtuq Tarjunga unalu Tununngani Uataanit Ikaaruhig katilviuquq Asia unalu Tununnganaq Europemi. Una 14,000 kilamiitastigut ungahingnia uvuuna Kanatamiunut imat itiliqtaa hamna Queen Elizabeth Qikiqtangit uvanngat uataanit uvuuna McClure Ikaangit, Ikaa, pilihaaquhuni uvuuna Viscount Melville Kangiqhua, Barrow Ikaa unlu Lancaster Kangiqhua, ikaaquhuni iluanut Qikiqtaaluk unalu hivuraanit uvuuna Davis Strait iluanut Tununnganaq Atlantic Tarjua. Una alrujaq ilaginiaqtangit amihuujut qupikhimajangit ilagijaujut tunijakhaat hivunikhangit qupikhimajut parnaijijakhaat minnahuaangat najugaanut iluani Kanatam Ukiuqtaqtuq Qikiqtalinnuit. Una tukhiutijangit hanajauhimajut haffumani, unalu iniqhimaittut, hulidjuhiit ilagijaujut imarmiutaujut iningit nalunaijijut hivunikhangit tuhagakhaqut tulagvik. Una tukhiutijangit pulahimajangit umiaqtuqtunut agjaqtut imarmiuttat nalunaijainigut hulijakhangit ihumaliuqtakhaat ajurnaattumik apqutikhangit hivunikhanut iliuraimajangit haffumani Ungahiktumi Tununnganaq Ivalutut ittut alrujaq. Una havaaq ilagijaujut iliurainirnut haffumani alrujaq ihumaginiaqtangit hivunikhangit, ahikkut laisiata ilanganit tukhiutijakhaat. Takiniqhaujungaquhijut haffumani alrujaq uvuuna Kanatam nunallaangit tarjuat hamnavlutik 1,360 kilamiitastigut ungahingnia. Haffumani, 900 kilamiitastigut ungahingniqarungaquhijut ikaqtut Nunavut imainnit. Una nalunaijijut tulagvik takiniqhaa 500 miitas hilingnia haniraanit takiniqhaa ikaarninga. Una Imarmiuttaq Nalunaijainigut iniqhimajakhaat hinaanit alrujangit ikaarninga pidjarikhigiami alrujaqarvik iliuraqhimaquq aqittumi tarjum natia, pittailvlugit pijumanngittangit ihuuluutauhimajut qajangnaqtumik inuuhimajut imarmiuttat avataita tutqirnaqtumik hup ilitquhianit ajuqhautihimalaaqtangit hivuranarningat tiliugarnit inuuhianit haffumani alrujaqarvik. Una nunaliqiningit unalu nuna qaujiharningit qimilruqtaat haffumani inikhangit aulapkaihimajut tukiliuqhimaquq haffumani tarjuq tukung natia tulagvinga hamna alrujaq nalahimajut. Una nalunaijainigut ilagilaqtangit lluvirvingat Ihivriurningit Nalunaijainiq (BAS) ilagijaat Takkaq Imarmi Uuktuutigijangit Ihivriurjut (CPT) unalu uuktuutigijangit kangiqhiinnaqtangit marlunga tukiliutaa, ilagijangillu hitingnia hakugingningalu. Una aulavikhaq haffumani hulidjuhiit ikajuutigijangit aulavikhaq haffumani arlingnaqtumik alrujaq illitturninga taimaa ihuaqhinnaqtuq ilitquhianit haffumani tarjum natia aturaaqtakhaanit hakugiangnia haffumani alrujaq. Havaaq ikaarningit pitquhirijaat atuinnaqhugit nalunaijainigut hulidjuhiit tamainnut alrujaq ikaarningat uvanngat Japan uvunga Europe naahimalugu marluk avvautingillu ukiungat, atulaaqtangit hailijakhangit hilaqutitigut, 2022-2024. Nalunaijainiq aulattittijut aulapkaillaqtut uvani 24 nit ikaarnigut kigligutaanit, hilaq tarjungillu qanurilinganingit pivluni, unalu nalunaijijut umiaq takukhauhunnguquq iliktirutaanit qullingillu uqaqhimaquq uvani Hilarjuatigut Maliktangit haffumani Ahijuqtailinahuarniq Tarjumi (COLREGS) Maliktangit 27, naunaiqhiilugillu nalunaijainiq umiaq iniqpiaqhimaquq pilaaqhutik hanaqigiami. Naalakhimajut tautukhutik munarijauluni qautamaat uvani VHF Qunniarnaqtuq 16, unalu umiaq turaaqhimainnarniaqtangit hamna AIS naunaitkut. Aulapkaqhutik haffumani nalunaijainigut iningit qunniattaqtakhaat akunnganit uvani Qunniarnaqtuq 16 mi nalaumajumik havangnaqtut qunniarnaqtut tukiliuqhimaquq Nalunaitkut uvunga Imarmiutaujut.

Personnel on site: 50

Days on site: 28

Total Person days: 1400

Operations Phase: from 2022-07-17 to 2024-10-16

Operations Phase: from 2022-07-17 to 2024-10-16

Post-Closure Phase: from to

## Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
waters of Northwest Passage	Marine Based Activities	Marine	Marine waters comprising part of Northern Canada's Northwest Passage between Beaufort Sea and Baffin Bay.	Traditional subsistence hunting and fishing waters of Canada Indigenous Peoples. Human occupation and use of the Tallurutiup Imanga region can be traced back to the Dorset (500 BC–1500 AD) and Thule (about 1000 AD until approximately 1500 AD) cultures that preceded the Inuit who live in the area today.	Cable route passes through portion of Tallurutiup Imanga National Marine Conservation Area.

## Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Information is not available			

# Authorizations

Indicate the areas in which the project is located:

Transboundary  
Kitikmeot  
North Baffin

## Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Information is not available				

## Project transportation types

Transportation Type	Proposed Use	Length of Use
Water		

## Project accomodation types

Other,

## Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
marine survey vessel	1	approx. 75m	geophysical and geotechnical cable route survey

## Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	6	60	360	Cubic Meters	vessel main engine propulsion, shipboard generators

## Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0		

# Waste

## Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Information is not available				

## Environmental Impacts:

Survey vessel main engine and generator exhaust stack emissions to atmosphere. All engines to be maintained in good working order.



# **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**

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

## **SECTION I1: Municipal Development**

### **Description of Existing Environment: Physical Environment**

Canadian waters entering the Queen Elizabeth Islands from the west through McClure Strait, through Viscount Melville Sound, Barrow Strait and Lancaster Sound, then exiting into Baffin Bay

### **Description of Existing Environment: Biological Environment**

The Tallurutiup Imanga region is a major east-west migratory corridor leading from Baffin Bay into the Arctic Archipelago and linking wintering and summering areas. Most species present are migratory and they all depend on this region as they move from one essential habitat to another. The area provides essential habitat for narwhal (up to 75% of the global population); beluga (20% of the Canadian population); polar bears (largest subpopulation in Canada); and several seabird species (some of the largest colonies in the Canadian Arctic).

### **Description of Existing Environment: Socio-economic Environment**

### **Miscellaneous Project Information**

### **Identification of Impacts and Proposed Mitigation Measures**

### **Cumulative Effects**

# Impacts

## Identification of Environmental Impacts

		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
<b>Construction</b>																										
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<b>Operation</b>																										
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<b>Decommissioning</b>																										
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(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

Project Location



List of Project Geometries

1	polyline	waters of Northwest Passage
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