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## Scenic Cruises - Unlocking the Northwest Passage

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4/8/2022 8:28:25 AM

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

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ᐅᐱᓂᐱᓐᓂᓐ: 0409072405, ᐅᐱᓂᐱᓐ:

Scenic Cruises has more than three decades of experience creating unforgettable, handcrafted journeys for our guests. Scenic is an Australian founded company and has developed itineraries that travel to more than 60 countries and every continent on Earth. From humble beginnings to world-renowned luxury cruise and tour operator, Scenic is recognised as a leader in its field. They have earned a world-class reputation for creating and delivering the ultimate cruising and touring itineraries for travellers who seek wondrous experiences and exceptional service. Their success has been built on establishing long term partnerships with suppliers and the regions in which we work. They continue to nurture these partnerships, to build new relationships and aim to deliver the best experience possible across the globe to create memories that will last a lifetime. Scenic is a member of CLIA (Cruise Lines International Association), IATA (International Air Transport Association), CATO (Council of Australian Tour Operators), and is ATAS (AFTA Travel Accreditation Scheme) and ATAP Accredited (Australian Tourism Accreditation Program). Scenic has been the recipient of national and international accolades from the industry and its partners, as well as recognised within the industry for its exemplary product and operations. Planned itinerary Scenic Cruises plans to operate their new ship, the Scenic Eclipse on an itinerary called Unlocking the Northwest Passage that travels through Greenland, Nunavut, the Northwest Territories and the Yukon Territory. Activities Passengers on board the ship will take part in a variety of activities including community visits (local COVID regulations permitting), flightseeing, hiking, kayaking, Zodiac boat tours, submarine excursions, nature/wildlife viewing and photography. Scenic Cruises will only take part in landings that have been permitted and an Inuit guide will be part of the Expedition Team for the duration of the itinerary in Canada. During any activities involving wildlife, they will adhere to their standard operating procedures (available upon request) and follow AECO's (Association of Arctic Expedition Cruise Operators) guidelines for viewing wildlife and CWS' (Canada Wildlife Service) guidelines for seabird colony viewing by cruise ships. Any recommendations from local HTA/HTC will be followed. Waste & Mitigation Fuel spills are the most unpredictable accident on board ship, the ship's crew minimizes that risk through the establishment of effective operational procedures & training. Ships will fuel at port locations. No fuelling of the cruise ship will occur in the Canadian Arctic. Refuelling of Zodiacs takes place on board the ship. All garbage generated off the ship is returned to the ship. All garbage generated on the ship is incinerated according to an approved garbage treatment process under MARPOL (International Convention for the Prevention of Pollution from Ships). Garbage is stored on board and there is enough space to store all garbage generated during the itinerary on board. No garbage will be dumped in the Canadian Arctic. The ship also complies with the MARPOL requirement for sewage treatment. All sewage, grey water and kitchen sink water is stored in tanks until it can be processed. On board is a sewage treatment plant certified to meet the requirements of MARPOL and the polar code. Waste is held in tanks and will not be dumped in the Canadian Arctic. Community Involvement Community visits have been planned to Pond Inlet, Gjoa Haven & Cambridge Bay, provided current COVID public health restrictions allow and communities are welcoming cruise ships. Scenic Cruises will hire two Inuit beneficiaries for the duration of their itinerary in Canada. Inuit guides will embark the Scenic Eclipse in Pond Inlet, NU and disembark in Ulukhaktok, NT. Guides will be part of the Expedition Team on all shore landings and will assist the Expedition Leader and the rest of the field team with guest safety, wildlife monitoring and cultural interpretation.

À propos de Scenic Cruises Scenic Cruises a plus de trois décennies d'expérience dans la création de voyages inoubliables et artisanaux pour ses clients. Scenic est une entreprise

fondée en Australie et a développé des itinéraires qui desservent plus de 60 pays et tous les continents de la planète. Après des débuts modestes, Scenic est devenu un organisateur de croisières et de voyages de luxe de renommée mondiale, reconnu comme un leader dans son domaine. L'entreprise s'est forgée une réputation mondiale en créant et en proposant des itinéraires de croisière et de voyage exceptionnels aux voyageurs en quête d'expériences extraordinaires et d'un service hors pair. Leur succès s'est construit sur l'établissement de partenariats à long terme avec les fournisseurs et les régions dans lesquelles ils travaillent. Scenic continue à entretenir ces partenariats, à établir de nouvelles relations et à offrir la meilleure expérience possible à travers le monde pour créer des souvenirs qui dureront toute une vie. Scenic est membre de la CLIA (Cruise Lines International Association), de l'IATA (International Air Transport Association), du CATO (Council of Australian Tour Operators), et est accrédité ATAS (AFTA Travel Accreditation Scheme) et ATAP (Australian Tourism Accreditation Program). Scenic a reçu des accolades nationales et internationales de la part de l'industrie et de ses partenaires, et a été reconnue au sein de l'industrie pour son produit et ses opérations exemplaires.

**Itinéraire prévu** Scenic Cruises prévoit d'exploiter son nouveau navire, le Scenic Eclipse, sur un itinéraire intitulé Unlocking the Northwest Passage qui traverse le Groenland, le Nunavut, les Territoires du Nord-Ouest et le Territoire du Yukon.

**Activités** Les passagers à bord du navire prendront part à diverses activités, notamment des visites de communautés (si les réglementations COVID locales le permettent), des vols, des randonnées, du kayak, des excursions en bateau Zodiac, des excursions sous-marines, l'observation de la nature et de la faune et la photographie. Scenic Cruises ne participera qu'aux débarquements autorisés et un guide inuit fera partie de l'équipe d'expédition pendant toute la durée de l'itinéraire au Canada. Lors de toute activité impliquant la faune, ils respecteront leurs procédures opérationnelles standard (disponibles sur demande) et suivront les directives de l'AECO (Association of Arctic Expedition Cruise Operators) pour l'observation de la faune et les directives du SCF (Service canadien de la faune) pour l'observation des colonies d'oiseaux marins par les navires de croisière. Toutes les recommandations des HTA/HTC locaux seront suivies.

**Déchets et mesures d'atténuation** Les déversements de carburant sont les accidents les plus imprévisibles à bord d'un navire. L'équipage du navire minimise ce risque en mettant en place des procédures opérationnelles et une formation efficaces. Les navires se ravitailleront en carburant dans les ports. Le navire de croisière ne sera pas ravitaillé en carburant dans l'Arctique canadien. Le ravitaillement en carburant des Zodiacs se fait à bord du navire. Tous les déchets produits au large du navire sont retournés au navire. Tous les déchets produits à bord du navire sont incinérés selon un processus de traitement des déchets approuvé par MARPOL (Convention internationale pour la prévention de la pollution par les navires). Les déchets sont stockés à bord et il y a suffisamment d'espace pour stocker à bord tous les déchets générés pendant l'itinéraire. Aucun déchet ne sera déversé dans l'Arctique canadien. Le navire est également conforme aux exigences de la convention MARPOL en matière de traitement des eaux usées. Toutes les eaux usées, les eaux grises et les eaux des évier de cuisine sont stockées dans des réservoirs jusqu'à ce qu'elles puissent être traitées. À bord se trouve une station d'épuration des eaux usées certifiée conforme aux exigences de la convention MARPOL et du code polaire. Les déchets sont conservés dans des réservoirs et ne seront pas déversés dans l'Arctique canadien.

**Participation de la communauté** Des visites communautaires ont été prévues à Pond Inlet, Gjoa Haven et Cambridge Bay, à condition que les restrictions actuelles du COVID en matière de santé publique le permettent et que les communautés accueillent les navires de croisière. Scenic Cruises engagera deux bénéficiaires inuits pour la durée de leur itinéraire au Canada. Les guides inuits embarqueront sur le Scenic Eclipse à Pond Inlet, NU et débarqueront à Ulukhaktok, NT. Les guides feront partie de l'équipe d'expédition sur tous les débarquements à terre et aideront le chef d'expédition et le reste de l'équipe sur le terrain en ce qui concerne la sécurité des invités, la surveillance

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Inuinnaqtun: Kanukgitunik Havagiyauvuktunik Scenic CruisesScenic Cruises havagiyauvuktunik huli kunngunguktuk taimaninguliktuk havagiyauhimakhuugit naudjutigihimakhugitlu puigungnaituniklu, ingmingnik havaagiluakhuugit inuup piumayuminik atukhugit ihuumanuani akkuihimayuk tahapkunanilu akkuivuktunik. Scenic tahapkuat havagiyait Austrailiyaakmiutut ilingaitunik havaktilgit havakvit pihimayunik aulaktikpakhimayunik itkumannahuakhutik havutiakhutik aulakgutikhunik havakhikpaktunik naunaitkutak atiliukvit ihuakhakhimayunik inikhimayunik aulakgutikhunik avaatingnut pihimayunik 60-

nik nunalaanilu talvanilu taryuukgalukmi avaatingnut aulakpakhimayunik Hilaryuami. Talvunganit pitiakhutik kayumitumik ammigakhukhimaitumiklu aulakgultuutik kaayumitumik hilaryuami-ilidjuuhiniklu ilingaitunik atukhutik havakhutik uumiakpait atukhugit pikakhutiklu havaktikhutik apikhuiyuukumik akkuut takuyaktuivuktunik havaktilgit, Scenic ilihimayauvuktuk havak tamna hivuliuvuktuk huliluukakgutauvuktunik hilami. Tahapkuat havatiakpakhutik aah hilaryuami-ilingaitumik havatiakyuuktunik ukkligiyauvuktunik naudjutihimakhutik havagiblugit uuktutikhunik akkuidjutikhunik nakuyumik ilingaitumik havakvit atukpaktunik uumiakut akuivuktunik imalu itkumannahuakhutik havutiakhutik aulakgutikhunik huliluukakgutauyukhunik tahapkunani aulaakgumainaktunik huumut aliahuuktunik aulakhimakpaktunik talvunala nakugidjuutiblugit havauhit havakpauhidjutinik. Tahapkuat inikhivuktunik havutiaknikmun nauvukhimayuniklu havagiyauganginaktukhunik panaarinik pikaktunik atugakhunik tahapkunani nunatutukanik humi havakviuvuktunik. Tahapkuatlu havagihimakhugit ilingaitunik pitiakhugit panaarinik, pihimakhutik naudjutinikmun havagihimakhugit nuutanguktikhimakhugit havakatigiknikmunlu mikharut havagitiaklugit nakuyumik pinahuaktungniktunik havauhit pidjutivuktamingnik huliluukaknikmun pinahuaklutik havagitiaklugit avaatingnut hilaryuamilu ilidjuhinik ilihimavuktakhainik puiguuknaitunik akkuivuktunik takuuyaktuivuk nunaanik humi puuiguulimaimutaa akkuiviit nunaanani humi inuup puuigulimaitainik. Scenic pihimayut havakvit talvani CLIA (Takuuyaktuivuktunik Hilaryuami Nunaanik Huranginiklu Uumiakpait Hilaryuami Katimayit), IATA (Hilaryuami Tingmitikut Aulakpaktunik Katimayit), CATO (Katimayit Astrailiakmiut Akkuivuktunik Havakvit), talvanilu ATAS (AFTA Aulaknikmun Aihinut Havagiblugit Kuniaktivuktunik Aklingnaktunik Nunalaani) tamnalu ATAP Aulaknikmun (Australiyaakmiutut Havakvit Aulaknikmun Aihinut Havagiblugit Kuniaktivuktunik Aklingnaktunik Nunalaani Havakhautit). Scenic havagiyauvuktunik aklikgiyauvuktuniklu hilaryuami avaatingnutlu ilihimayauvuktunik aklikgiyauvuktunik havaktungniktunik tahapkunani havakviuvuktunik panaarinutlu, imalu ilituukgiyauvuktunik havakvinit pivuktunik havakatigiknikmun atugakhaliuknikmun atugakhunik havakviuvuktuniklu. Pangnuttauyunik huliluukakgutauyukhunik Scenic Cruises pangnuttauyunik havagiyauyukhunik nuutanguktikhimayunik nuutanuak uumiakpak atulihaliktuk, tamna Scenic Eclipse aulakviani apkuutanik huliluukakgutikhunik taihimayaat "Unlocking the Northwest Passage" (Ungmaktikgutikhunik Nunatsiami Taryumi) aulakvikhunik tungmakvikhunik mikharut Greenland, Nunavut, Nunatsiami, talvanilu Yukon-milu. Huliluukakgutikhunik Aliahuutikhuniklu Akkuunik aulaat uuhitiktunik uumiakpakmi pipkakhunguyait huliluukaktiugit aliakhuuktilugitlu ilaayunik nunalingni puulaktiugit humi (nunalingni COVID malikgakhani naunaitumik), tingmitiluutik, pihuuyaklutik, kayaktuklutik, Kayaktuklutik Uulapakmik Kayakaklutik kuniagumayunik humi nunaanani, ataani taryumi kayaktuklutik, hila/huraanik kuupuananiklu kuniakufuuklugit piksaliuklugitlu. Scenic Cruises pihunguyainik kihmi tuululviugumik tahapkunani havakhikhimayunik pihimayunik inikhimayunik Inuukmik havaktikhuningnik ayuukiktuiyuukhumik havaktuukhumik talvani Aulaanik Aulaakpaktunik Humi Akkuivuktunik Nunaanani Havakatigit humi tuululviuvuktunik aliahuutigiyauvuktunik huliluukakpaktunik Kanatami. Talvuna havakumik huliluukakgutauvuktunik ilaayuniklu huranik hilamiutanik, pilutik havagitiaklugit malikgalingnik pilugit atuktauvuktunik havakvit atukpagainik havauhinik havagiyauphimakpaktunik (uupalungaikhimayunik talvani havagiyauyukhunik havakhautit) tahapkunani malikgakhaniuklu havakhautit AECO (Katimayit Tunungani talvani Aulaanik Aulaakpaktunik Humi Akkuivuktunik Havakviuvuktunik) malikgakhainiklu havagiyauvuktunik kuniaktivuktunik hilamiutanik huraanik CWS (Kanatami Ung guuhikiyit Havakpauhidjutinik) malikgakhainiklu havagiyauvuktunik tahapkunana taryukmiutanik kuupuananik tingmianiklu ivaavit kuniaktauvuktunik tahapkunani uuhitikhutik uumiaktukpaktunik akkuivuktunik. Pikakgumik apikutikhunik havaagiyauyukhuniklunin tahapkunani apikhuiyuut nunalingnit Unguuniaktit Nunirgiaktutit Katimayit/Ikhivautaliknik Katimayingit Ununiaktit Nunirgiaktutit (HTA/HTC) pilugit naunaiyuklugit havagihimaklugitlu. Ikakunik imalu Kayakginnaupaktunik Ukuukluit kuuvitailiblugit

tapkuat kihimi ipiknakpaiktunik havakhautit kayaknaktunik ayuukhukgangut  
uumiaktuukhuni, tahapkuat uumaikmi havaktit pivuktunik havagitiakhugit kayaknaitumik  
kanukgilinnaitumiklu aulaakgangumik ammigivuktunik taima pihimakhutik ayuukhaiblutik  
havaktunik aulakhimakhutik havagiganginskugit. Uumait pivugait uukhikhivuktunik  
tahapkunani tikitkangumik huumut nunalaani tuululvinik. Uukhikhiyuitunik  
uumiaktugangumik uungahiktumik aulakvinik talvani Kanatami Tunungani.  
Uukhikhivuktunik tahapkungningaa uulapangnik kayaaliukhimayunik uumiap iluani.  
Tamukpianginik ikaakunik atuktauvuktunik uumiaktupaktunik pihimavugait tititinagit  
kihmi ikkakuktauvuktunik ikakuukvikni. Tamukpianginik ikaakunik atuktauvuktunik  
pihimavugait tititinagit kihmi ikkakuktauvuktunik ikakuukvikni uumiakmit atukhimayunik  
ikakukvinut pivugait MARPOL (Hilaryuami Ikakunik Halumaktauvuktunik  
Halumaikgutinaidumik Uumiaktupaktuniklu). Ikakuit tutkuktauvuktuut uumiakmi  
inikhakaktuut tuutkumavikhainik ikakuinik atukhimayunik talvuna hulilukakpaktunik  
uumiaktupaktunik. Ikakuulimaitunik talvungaa Kanatami Tunungani. Tamna uumiakpak  
pikaktuuklu Havakhimayunik Ingniikutilingnik Atuktauvuktunik MARPOL pikariakakgumik  
havakhikhimayunik atugakhunik kuuvikgakhimayunik imakluinik hulumuktiktauvukumiklu.  
Tamukpianginik kuuvikgakhimayunik imakluinik, imakluit atukhimayunik talvungalu  
kuukiuvikmit kuuvikgakhimayunik tuutkuktauvuktuut havakhikaktinagitlu  
haalumaktiktauyukhunik. Havakhimayunik uumiakmi pikaktuk hulumaktikgutunik havakvilik  
atuktauvuktuk havakvit ihiviuhimayanik atuutiaknaktumik ingnikutilingnik  
havakhikariakaktunik Havakhimayunik Ingniikutilingnik Atuktauvuktunik MARPOL  
uupalungaikhimayunik titikgakhimayunik naunaitkutakhunik. Imakluinik tuukumavuktait  
pihimavugait pilgaaktinagit havakhikaktinagitlu hulumaktiktauyukhunik kuvikgayuitunik  
talvunga Kanatami Tununganilu. Nunalingni Havakatigiktukhuniklu Nunalingni puulaklugit  
pihimayut havakhikpaktunik pangnatauyukhunik talvani Mitimattalikmi, Okhuktuk  
Ikaluktutiaklu, pilugit uupalungaikhimalugit ublumimut havakhimayunik naunaitkutanik  
atugakhunik talvuna COVID inukatigiknikmun inuhikgingnaktumik pirgumiyauvuktunik  
havakhimayunik ungiutauvuktunik talvanilu nunalingni titukgahuanginakgialiklu  
puulaknaktuk akkuivuktunik uumiaktukhutik. Scenic Cruises pihunguyut havaktukhunik  
malguknik Inuuknik talvungaugumik puulakgumik huliluukakgutauvuktunik humi akkuinik  
aliahuuktitiyunik Kanatami. Inungnik ayuukiktuiyukhunik pilutik ikayutaulutik  
akligiyauvuktuukhunik talvani Scenic Eclipse Mitimattalikmi, Nunavut, talvanilu kuniaklugit  
takuuuyaktuklugit Uukhaktokmi, Nunatsiami. Havaktut Ayuukiktuiyit Munakhiyit  
havakatigiklutik Aulaanik Aulaakpaktunik Humi Akkuivuktunik Nunaalani Havakatigit  
havakviulutik hingaani tuululvinik pilugit havagilugit ikayuklugit Aulaakpaktunik Humi  
Akkuivuktunik Nunaalani Hivuliuktat tahapkunani havaktukhunik havakatigiktukhunik  
munakhiyukhunik akkuinik aliahuuktunik kayaknaitumik, huranik kuniaktunik  
munakhiyuniklu pitkuhiktupaktunik ingilgangnitanik atuktauvuktunik huli uukaktiliit  
nuumiktiliktikhuniklu.

## Personnel

Personnel on site: 200

Days on site: 9

Total Person days: 1800

Operations Phase: from 2022-08-20 to 2022-08-28

$\Lambda \subset \mathbb{N} \triangleleft \mathbb{N} \hookrightarrow \Sigma \triangleleft^{\text{qb}} \mathcal{D}^c$ 

ᐱᓯ	ᖃᓄᐃᑦᑐᓯᑦ ᐱᑕᓚᐊᖃᑦᓂᐊᖃᑕ	ᑭᑦᐅᑦ ᓄᐱᖃᑦᑕᓂ	ᑐᔨᐅᒪᖃᖃᑦ ᓄᐱᐅᑦ ᖃᓄᖃ ᐊᑐᒪᐅᑕᐅᖃᖃ ᓯᒪᖃᓚᐊᖃᓚᓂᖃ	ᐃᑦᔨᑦᓂᑕᖃᖃᐃᐅᑕᑕᐅᑕᑕ ᐃᓄᖃᓄᑦ ᐱᔨᖃᑕᐅᖃᖃᑕᑦᓂᐅᑕᑕ ᑕᐃᑦᓯᒪᓂᑐᖃᐅᑕᖃᑐᖃ	ᖃᓂᓂᓂᖃᑕᑦᖃ ᓄᐱᑕᓯᖃᐅᐊᖃᖃ ᐊᓴᒪᑐ ᔨᑐᓴᓯᖃᓯᐃᐅᑕᑕ ᓯᓄᓄᑦ
cruise vessel route map	Tourism Activities	Inuit Owned Surface Lands	The Northwest Passage has been travelled many times by yachts and cruise ships.	Historical sites to be visited along the route:Dundas Harbour/Morin PointBeechey Island/Northumberland HouseFort RossKing William Island	Visits are planned to Pond Inlet, Gjoa Haven & Cambridge Bay (COVID restrictions permitting)Visits to protected areas include:Prince Leopold Island (migratory bird sanctuary)

[illegible]

መደብኝ ምዕራፍ	ፋብሪካ	ከጋራ ጋር የሚገኝበት ስም	የጥያቄው ቀን በፋብሪካው ስም
ፋብሪካው	.	Hamlet & HTO	2022-04-11
ፋብሪካው	.	Hamlet & HTO	2022-04-11
ፋብሪካው	.	Hamlet & HTO	2022-04-11

[illegible]

$a^b r^c \Delta$   $\Lambda c_n d_n^e \Delta D \sigma d^{fb} J^c$   $n n f^g \omega^f:$

## Transboundary

## Kitikmeot

## North Baffin

$\Delta^{\alpha} \Gamma^{\beta} \Lambda^{\gamma} \Sigma^{\delta}$

Inuktitut ᐱᕐᑎᓄᓂ ᐃᓄᐅᓪᑐᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ	Nunavut Archaeology Permit	Applied, Decision Pending		
Government of Nunavut, Department of Culture, Language, Elders, and Youth	Nunavut Archaeology Permit	Applied, Decision Pending		
ᐅᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ	Migratory Bird Sanctuary Permit	Applied, Decision Pending		
ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ, ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ	Wildlife Observation License	Applied, Decision Pending		
ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ, ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ & ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ	Tourism Outfitters License	Applied, Decision Pending		
Hamlets and Municipalities	Visit authorizations	Applied, Decision Pending		
Hunters and Trappers Associations/Organizations	letters of support and guidance for visiting the area	Applied, Decision Pending		
ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ ᐸᓇᐸᓄᓂ	Visitor's permit	Applied, Decision Pending		

## Project transportation types

Transportation Type	Transportation Mode	Length of Use
Water	cruise ship	

### Project accomodation types

◁ ୨୦୧୬,



◁▷↳σ◁<sup>96</sup>▷<sup>96</sup>

Λ<sup>9</sup>D<sup>c</sup> Δ<sup>a</sup>R<sup>d</sup><sup>56</sup> ΔD<sup>56</sup>C DσD<sup>56</sup>H<sup>d</sup> Δ<sup>e</sup>L<sup>b</sup>P DΠ<sup>c</sup>Δ<sup>c</sup>, Γ<sup>c</sup>→ΔP<sup>0</sup><sup>c</sup>, <sup>56</sup>NLC<sup>j</sup><sup>56</sup>, μερD<sup>c</sup> ΔP<sup>a</sup>R<sup>c</sup>→

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Mark V Zodiacs with Yamaha 60 HP engines	12	5.8m	Passenger transport to shore, Zodiac cruising excursions, kayak safety boat
Narwhal Fast Boat Heavy Duty 620 with Yamaha F150DETL engine	1	8-person	small boat touring, passenger transport
Kayaks	8	double	kayak excursions
Kayaks	2	single	kayak excursions
Airbus H130 Helicopters	2	7-passenger	Aerial flightseeing
U Boat Worx Cruise Submarine 7	1	6-passenger	underwater viewing excursions
Ocean Robotics Aegir 50-4D Remote Operated Vehicle	1	105x72x59 cm	Live stream underwater viewing for passengers
Cruise ship (unrestricted navigation, polar class 6 passenger ship)	1	152x21x10m	Transport and accommodation for cruise ship passengers.

$\Pi \Pi^{\epsilon} D^{\gamma} L_{\alpha} J$      $D^{\epsilon} L^{\beta} \Delta^C$      $\Delta^C C_{\alpha}{}^{\epsilon} D^{\epsilon} C^{\gamma}$      $\Delta^{\epsilon} C D^{\sigma} \Delta^{\epsilon} \sigma^{\alpha} r^C$

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Diesel	fuel	11	740	8140	Cubic Meters	MDO for vessel fuel
Aviation fuel	fuel	2	20	40	Cubic Meters	helicopter fuel
Gasoline	fuel	2	3	6	Cubic Meters	Zodiac engines

$\Delta L^{\epsilon_b} \quad \triangleleft^{\epsilon_b} C \triangleright \dot{L}^{\epsilon_b} \triangleright^{\epsilon_b}$

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Tourism Activities	ᐃᑦᑕᑦ ᐃᑦᑕᑦ ᑕᑦ ᑕᑦ	.	On-board incineration of waste is an approved garbage treatment process under MARPOL, which incorporates specifications for shipboard incinerators. Vessels with incinerators are designed, constructed, operated and maintained in accordance with this standard. Dry garbage is to be incinerated or treated otherwise by accepted standards. The storage area can contain estimated garbage generated in the course of 3 weeks provided it has been processed. MARPOL totally prohibits the discharge of all garbage at sea (except food waste). All plastics will either be burned or	n addition, the ship has the following garbage processing equipment which minimizes the collected volume. This includes: a bale compactor, Glass crusher, waste shredder, and tin densifier. The bone crusher are than later put in cold storage.

			brought back and disposed of in port.	
Tourism Activities	ΔΛΔ <sup>c</sup> Δ <sup>5b</sup> CD <sup>b</sup> Δ <sup>5b</sup> PL <sup>c</sup>	.	The vessel will comply with the MARPOL requirement for sewage treatment. All sewage, grey water and kitchen sink water is stored in tanks until it can be processed. Untreated waste is never discharged.	The ship is equipped with an advanced waste water treatment system. The treatment plant chlorinates and flocculates sewage, separating solids and liquids. Grey and black water streams are combined and passed through the treatment system which produces a fresh water effluent (clean water) which is discharged outside 4 nautical miles.
Waste disposal	Δ <sup>c</sup> CΔ <sup>5b</sup> Δ <sup>5b</sup> C <sup>c</sup>	.	Batteries - Separated and removed for recycling or disposal at a certified reception port. Medical and sanitary waste - Frozen and removed for disposal at a certified reception port. Fuels and Oils - Stored onboard and removed for disposal at a certified reception port. Chemical waste - Stored onboard and removed for disposal at a certified reception port.	.
Tourism Activities	Δ <sup>5b</sup> C <sup>c</sup> Δ <sup>5b</sup>	.	The vessel will comply with the MARPOL requirement for sewage treatment. All	The ship is equipped with an advanced waste water treatment system. The treatment plant chlorinates and flocculates sewage, separating solids and

			sewage, grey water and kitchen sink water is stored in tanks until it can be processed. Untreated waste is never discharged.	liquids. Grey and black water streams are combined and passed through the treatment system which produces a fresh water effluent (clean water) which is discharged outside 4 nautical miles.
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Risk - Scenic Eclipse will encounter marine and wildlife habitats of species at risk during her transit of the Northwest Passage. Mitigation - During some off-ship activities, guests and expedition and operational staff will be cruising and landing in areas where wildlife, and delicate flora and vegetation may be encountered. The proposed activities have the potential to be disruptive to certain animal or plant species. These impacts will be mitigated through careful planning and management of activities. All guests and crew will follow the operating procedures developed by the ship as well as AECO guidelines for the viewing of birds and marine mammals. Risk - Emissions to air generated from fuel burned Mitigation - Scenic Eclipse uses only low sulphur diesel in its operations. In addition the Eclipse is equipped with an exhaust gas purification system which cleans the exhaust generated by the engines. The vessel will have opacity meters installed which will sound an alarm if opacity exceeds 20%. The Scenic Eclipse is fully compliant with Polar code pollution prevention measures and complies with all emission requirements for cruising in Polar zones. Risk - Emissions to water Mitigation – Fuel spills can be mitigated through proper crew training and adherence to standard operating procedures. The company has a Shipboard Oil Pollution Emergency Plan. Standard operating procedures require all fueling of auxiliary equipment and helicopters to take place onboard the ship, minimizing the risk that fuel will be released into the water. Fuelling of the Scenic Eclipse will be done in port prior to entering the Canadian Arctic. All onboard equipment is regularly serviced and maintained, reducing the risk of fuel discharge due to equipment malfunctions.

# **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**

See attached project description document.

**SECTION H2: Disposal At Sea**

See attached project description document.

**SECTION I1: Municipal Development**

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See attached project description document.

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See attached project description document.

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See attached project description document.

**Miscellaneous Project Information**

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See attached project description document.

**Cumulative Effects**

See attached project description document.

## Impacts

$\omega \rightarrow \omega \Delta^{96} \text{CD} \sigma^{96} \text{r}^{\text{C}}$      $\Delta \text{C} \cap \Gamma \text{D} \text{C} \dot{\sigma}^{\text{C}} \text{D}^{\text{C}}$      $\Delta^{\text{b}} \text{D}^{96} \text{CD} \text{r}^{\text{L}} \text{r}^{\text{C}}$

[illegible]
$$(P = \langle b \rangle \dot{\cup} P \cap \langle a \rangle^c)^c, N = \langle b \rangle \cap \langle c \rangle \langle a \rangle^c \langle b \rangle^c \langle c \rangle \langle a \rangle^c \langle b \rangle^c, M = \langle b \rangle \cap \langle c \rangle \langle a \rangle^c \langle b \rangle^c \langle c \rangle \langle a \rangle^c \langle b \rangle^c \langle c \rangle \langle a \rangle^c \langle b \rangle^c, U = \langle b \rangle \cap \langle a \rangle \langle b \rangle^c \langle a \rangle^c \langle b \rangle^c)$$

1	polyline	cruise vessel route map
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