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Le Soreal 2018 - Cruise Kangerlussuaq, Greenland to Nome, Alaska from July 29, 2018 to September 18th, 2018

[illegible]
$$\Lambda \subset \mathbb{N} \triangleleft \mathbb{N} \xrightarrow{\gamma} \mathbb{N} \xrightarrow{\delta} \mathbb{N} \xrightarrow{\epsilon} \mathbb{N}$$

## Marine Based Activities

**ᄢᆞᆫ ᄡᅳᆯᆺ ᄠᆞᆫ:**

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

**b6/b7C**: from 0001-01-01 to 0001-01-01

Λεπτομέρεια:

F.K. Warren Ltd.

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$\epsilon_b \Delta^c \dot{\bar{O}}_0 \sigma^b \quad \Lambda_{\tau} \cdot \nabla^{\epsilon_b} \sigma \cdot \nabla^{\epsilon_b} L^a \sigma^b$

١٦٠٢٤٣٢١: Compagnie du Ponant's French flagged small cruise vessel m/v LE SOLEAL will be making the following Arctic cruises in 2018: Kangerlussuaq, Greenland to Kangerlussuaq, Greenland from July 29th, 2018 to August 14th, 2018. Kangerlussuaq, Greenland to Kangerlussuaq, Greenland from August 14th, 2018 to August 27th, 2018. Kangerlussuaq, Greenland to Nome, Alaska from August 27th, 2018 to September 18th, 2018. The vessel specializes in luxury adventure cruising and carries a maximum of 264 passengers and 139 crew members. The passengers are predominately French nationals and the crew are a mix of French, Philippine, Indonesian and Mauritian nationalities. During this cruise, the vessel will be stopping at various locations in Nunavut. These locations can be found on the attached itinerary and map. Approximately 6 to 10 Zodiacs would be transporting passengers between the cruise vessel and shore at one time. No more than 100 people would be ashore at one time. This number can be reduced if required. The crew on board the cruise vessel are well versed in measures to avoid dangerous wildlife encounters. They keep watch for dangerous animals, and will not approach land if dangerous wildlife is spotted ashore. When ashore, food is not left unattended (if brought ashore at all). The crew have a system in place to safely and efficiently move passengers back to the vessel by zodiac should they spot dangerous wildlife. As agent for the cruise line, we work closely with Department of Economic Development and Transportation, Government of Nunavut to ensure all proper procedures are followed, and that all required permits are in place. We will be contacting the communities / organizations over the next few weeks to finalize arrangements for the vessel's cruise. The cruise line and vessel's crew are very experienced and will do the utmost to minimize any potential impact to the environment, and more specifically seabird chicks in these protected areas. The cruise line is accomplished in organizing cruise in the Antarctic, White Sea, Arctic and Greenland for more than 15 years and is very sensitive to the unique attention required to the environmental areas the vessel travels within.

◊ΔÂ∏Ç: Le petit navire de croisière battant pavillon français de la Compagnie du Ponant, n / v LE SOLEAL réalisera les croisières arctiques suivantes en 2018:Kangerlusuaq, Greenland to Kangerlusuaq, Greenland from July 29th, 2018 to August 14th, 2018. Kangerlusuaq, Greenland to Kangerlusuaq, Greenland from August 14th, 2018 to August 27th, 2018. Kangerlusuaq, Greenland to Nome, Alaska from August 27th, 2018 to September 18th, 2018. Le navire se spécialise dans la croisière d'aventure de luxe et transporte un maximum de 264 passagers et 139 membres d'équipage. Les passagers sont principalement des ressortissants français et l'équipage est un mélange de nationalités française, philippine, indonésienne et mauricienne.Au cours de cette croisière, le navire s'arrêtera à divers endroits au Nunavut. Ces emplacements peuvent être trouvés sur l'itinéraire ci-joint et la carte.Environ 6 à 10 Zodiac transporteront des passagers entre le navire de croisière et la côte en

[illegible]

Operations Phase: from 2018-07-29 to 2018-10-18

$$\Lambda \subset \mathbb{N} \times \mathbb{N} \rightarrow \mathbb{R}^{\geq 0}$$

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$\epsilon \Delta^{\frac{a}{2}} r^c \wedge J^{\frac{b}{2}} e^{D\dot{n}} \nabla^{\frac{c}{2}} r^{\frac{d}{2}} C D r L r^c$

$a^b r^a \sigma^b \wedge c^d r^c \delta \sigma^d \tau^c \cap \sigma^c \tau^c$

$\epsilon \Delta^{\frac{a}{2}} r^c \wedge J^0_{\omega} d\dot{n}$   $d^0 r^{\frac{b}{2}} C D^{\frac{d}{2}} L^{\frac{e}{2}}$

[illegible]

### Project transportation types

Transportation Type	ᑭᓐᓂᓄᓇᓈᓂᓐ	ᓴᓇᓂᓐ ᐃᐱᓕᓂᓐᓴᓐᓂᓐ	Length of Use
Water	0	Passengers and crew will be on board cruise ship	

### Project accomodation types

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## **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 11: Municipal Development

[illegible]

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[illegible]

### Miscellaneous Project Information

$\alpha \rightarrow \Delta^{\pm} C D \sigma^{\mp} \Gamma^C$     $\bar{q} b \rightarrow \bar{s} C D F L \bar{L}^C$     $s \bar{b} \rightarrow s \bar{c} C \sigma^{\pm} \Gamma^C$     $K_L D \Gamma^+ \bar{L} \Gamma^{\pm} C D \sigma \bar{q} \sigma^{\mp} \Gamma^C$

## Cumulative Effects



## Impacts

$\Delta^{\text{fb}} \text{CD} \sigma^{\text{fb}} \Gamma^{\text{C}} \quad \Delta \text{C} \Gamma \text{D} \text{C} \dot{\sigma}^{\text{C}} \text{D}^{\text{C}} \quad \Delta^{\text{b}} \text{D}^{\text{fb}} \text{CD} \text{L} \text{L}^{\text{C}}$

[illegible]
$$(P = \mathbb{A}^1_{\mathbb{B}} \times \mathbb{P}^1 \cap \mathcal{L}^a_{\mathbb{A}^1_{\mathbb{B}}} \mathbb{A}^b)^c, N = \mathbb{A}^1_{\mathbb{B}} \times \mathbb{P}^1 \times \mathbb{C}D \times \mathcal{L}^a_{\mathbb{A}^1_{\mathbb{B}}} \mathbb{A}^b)^c \times \mathbb{C}D \times \mathcal{L}^a_{\mathbb{A}^1_{\mathbb{B}}} \mathbb{A}^c)^c, M = \mathbb{A}^1_{\mathbb{B}} \times \mathbb{P}^1 \times \mathbb{C}D \times \mathcal{L}^a_{\mathbb{A}^1_{\mathbb{B}}} \mathbb{A}^b)^c \times \mathbb{C}D \times \mathcal{L}^a_{\mathbb{A}^1_{\mathbb{B}}} \mathbb{A}^c)^c, U = \mathbb{A}^1_{\mathbb{B}} \times \mathbb{P}^1 \times \mathcal{L}^a_{\mathbb{A}^1_{\mathbb{B}}} \mathbb{A}^c \times \mathbb{A}^b)$$

## Project Map

