

Silversea Cruises Ltd.

Non-technical Project Proposal Summary

for Expedition Cruising in the Canadian Arctic 2016



MS Silver Explorer

Expedition High Arctic

Kangerlussuaq Roundtrip

22 August – 09 September 2016

Voyage 7619

NON-TECHNICAL SUMMARY

The MS Silver Explorer is a small expedition ship carrying up to 128 passengers, 120 crew and 13 expedition staff. Voyage 7619, from 22 August to 09 September 2016, includes 11 days in Nunavut (28 August – 07 September), and operates from Kangerlussuaq, Greenland to Kangerlussuaq, Greenland. (Voyage schedule attached.) Planned activities feature a combination of ship sightseeing, Zodiac cruising and organized shore visits -- including a community visit and guided visits to sites of archaeological, geological, cultural, heritage and wildlife interest. A team of lecturers and naturalists provides an in-depth educational program through an on-board series of presentations and briefings and small group guidance in the field. Local guides will be hired, where possible.

The Expedition Leader will determine the numbers ashore, including the guide-to-passenger ratio to ensure proper supervision and not more than a minor or transitory impact to the sites being visited. Site visits will occur in strict adherence to applicable regulations, guidelines and/or site guidelines, biosecurity protocols (boot/equipment washing with a biocide) and community invitations/advice. Passengers will be briefed in advance and their activities ashore closely monitored.

Operations have been planned to be fully self-sufficient, with activities managed by experienced personnel and to be within the search and rescue capability of the company, including for medical evacuation.

A multi-year Environmental Impact Assessment (EIA) has been compiled to evaluate environmental aspects of the planned operations of the vessel to document operational procedures and ensure compliance with requirements under international and national laws and regulations. Where applicable, permit applications have been submitted to the appropriate national authority/ies and are available upon request, as is the EIA. Copies of any applicable Federal and/or Territorial permits/authorizations will be carried on board.

Six alternatives have been considered, including changes to itinerary, sites visited, number of passengers, vessel used and Zodiac usage, as has the alternative of not proceeding with the program. None of these alternatives are justified and all have been rejected for environmental, logistic or commercial reasons.

Likely impacts resulting from the proposed activity have been assessed, including consideration of emissions to air; fuel and oil spills; waste; noise; physical disturbance; introduction of alien species and translocation of diseases; and associated and dependent ecosystems. Cumulative impacts of the proposed activity have also been considered.

Measures to minimize and mitigate potential impacts of the proposed activity have also been considered. The possibility of potential impacts will be minimized by strict adherence to applicable laws and regulations, company policies and standard operating policies; careful pre-trip planning and preparation including obtaining advance permits/authorizations (where applicable); briefings; advice received from the communities/review boards; and the supervision and monitoring of visitor activities in the field by experienced personnel.

Direct, indirect and cumulative impacts of the proposed activity have been considered, as have alternatives. Provided that minimization and mitigation measures are adhered to, it is concluded that the proposed activity will have less than a minor or transitory impact and that the activity should be authorized/permitted to proceed.

The itinerary is detailed on the next page.

Voyage 7619:

22 August 2016 **KANGERLUSSUAQ, Greenland**
23 August Sisimiut, Greenland
24 August Ilulissat, Greenland
25 August Uumannaq, Greenland
26 August Upernavik, Greenland
27 August At Sea
28 August Pond Inlet / Sermilik Glacier (72 53 9 N // 78 12 14 W), Canada
29 August Milne Inlet (72 26 28 N // 80 20 21 W) // Navy Board Inlet (73 14 06 N // 79 56 15 W),
Canada
30 August Dundas Harbour / Crocker Bay, Canada
31 August Beechey Island, Canada
01 September Caswel Tower, Radstock Bay (74 42 N // 91 11 W), Canada
02 September At Sea
03 September Gibbs Fjord (70 52 32 N // 71 40 30 W) / Sam Ford Fjord (70 37 57 W), Canada
04 September Isabella Bay (69 34 54 N) / Aulitvik Island (69 38 96 N // 67 46 6 W), Canada
05 September Padloping Island (67 2 19 N // 62 43 3 W), Canada
06 September Blacklead Island (64 58 85 N // 6 12 69 W), Canada
07 September Lady Franklin Island (62 54 50 N // 63 43 12 W) / Monumental Island (62 45 54 N // 63
51 50 W), Canada
08 September At Sea
09 September **KANGERLUSSUAQ, Greenland**