



National Research
Council
Canada

Conseil National de
Recherches
Canada

Institute for Ocean
Technology

Institut des Technologies
Océaniques

Ship-Iceberg Collision Incident Report



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Vessel Characteristics

Name: Africa	Prime Mover: Steam
Flag: UK	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Passenger	Service Speed: 12
Owner: Cunard Line	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture: 1850	<u>Miscellaneous Vessel Notes:</u>
Bow Shape: Unknown	Side paddle wheeler. 1868 sold.
Stem Angle:	
<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>
Length: 81.1	Gross: 2226
Beam: 12.2	Net:
Depth:	Dead:

Collision Details

Date: 13-Jun-1862	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Unknown	Wind Speed:
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Unknown	
Collision Speed:	
Kerwin Place P.O. Box 12093 St. John's, Newfoundland A1B 3T5 Fax:(709) 772-2462	Place Kerwin C.P. 12093 St. John's, Terre-Neuve A1B 3T5 Télécopieur:(709) 772-2462



Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Grounding on	Steel Failure Type: Unknown
Severity: Denting	Size - Length (m):
Location: Hulls	Size - Height (m):
Code: Appendage	Damage Below WL (m):
Length of Downtime: 4 days	Damage Above WL - Height (m):
Cost of Downtime:	Damage Above WL - Length (m):
Cost to Repair:	
No. Lives Lost:	
No. Injuries:	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Either grounded near Cape Race or hit on ice or iceberg.

Damage Description:

84' (26 m) of the lower depth of her keel taken out and replaced, her strenpost repaired at its junction with the keel, over 130' (40 m) of shoe or false keel put in their places, and a new rudder made. All the castings upon the sternpost were replaced by others, and the entire braces upon the rudder were also new. As she is very strongly built of the most durable materials, it was exceedingly difficult to cut away the damaged parts to make space for the new. Her keel is teak. her planking English and African oak. and the sheathing American

Ice Details

Ice Briefing Received: Unknown

Iceberg Population:

IIP Iceberg Number:

Sea Ice Concentration:

Position of Nearest Known Iceberg:

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Iceberg Shape: Unknown

Latitude: 0 ° ' " N

Iceberg Size: Unknown

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Liverpool

Collision Latitude: 46 ° 35 ' " N

Destination: Boston

Collision Longitude: 053 ° 00 ' " W

Distance:

Locale Accuracy: Estimated

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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