



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

<b>Name:</b> Persia	<b>Prime Mover:</b> Steam
<b>Flag:</b> UK	<b>Transmission:</b> Unknown
<b>ASPPR Ice Class:</b> Unknown	<b>Power (kW):</b> 895
<b>Lloyd's Class:</b> Unknown	<b># Propellers:</b>
<b>Baltic Class:</b> Unknown	<b>Prop. Type:</b> Unknown
<b>Vessel Type:</b> Passenger	<b>Service Speed:</b> 16
<b>Owner:</b> Cunard Line	<b>Stern Form:</b>
<b>Registered Country:</b> UK	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1856	<b>Miscellaneous Vessel Notes:</b>
<b>Bow Shape:</b> Unknown	Side paddle steamer. Keel plate 1 1/16", bottom 15/16", to waterline 5/8", an above 11/16". 1872 scrapped.
<b>Stem Angle:</b>	
<b>Dimensions (m):</b>	<b>Mass (tonnes):</b>
<b>Length:</b> 114.6	<b>Gross:</b> 3600
<b>Beam:</b> 11.46	<b>Net:</b>
<b>Depth:</b>	<b>Dead:</b>

### Collision Details

<b>Date:</b> 02-Feb-1856	<b>Air Temperature:</b>
<b>Visibility (nautical miles):</b>	<b>Water Temperature:</b>
<b>Visibility:</b> Poor	<b>Wind Speed:</b> 50
<b>Visibility - Fog:</b> Unknown	<b>Wave Height:</b>
<b>Visibility - Snow:</b> Snow	<b>Sea State:</b> Rough
<b>Visibility - Light:</b> Daylight	
<b>Collision Speed:</b>	
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

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<b>Damage Sustained:</b> Yes	<b>Damage Report No. :</b>
<b>Scenario:</b> Glancing Blow	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Unknown	<b>Size - Length (m):</b>
<b>Location:</b> Hulls	<b>Size - Height (m):</b>
<b>Code:</b> Unknown	<b>Damage Below WL (m):</b>
<b>Length of Downtime:</b>	<b>Damage Above WL - Height (m):</b>
<b>Cost of Downtime:</b>	<b>Damage Above WL - Length (m):</b>
<b>Cost to Repair:</b>	
<b>No. Lives Lost:</b>	
<b>No. Injuries:</b>	<b>Cause of Deaths/Injuries:</b> Unknown
<b>Cargo Loss:</b> Unknown	
<b>Pollution:</b> Unknown	<b>Pollution Potential:</b> Unknown

### Cause of Damage:

Traditionally recounted as having struck an iceberg. Left Liverpool on maiden voyage 25 January and on 2 February at noon a strong gale sprang up and a high sea ran which continued for a long time. The vessel then encountered several large fields of ice, and before her engines could be reversed ran into an iceberg, which she cut through, leaving its remnants on either side. This would appear then to be more like a pan of

### Damage Description:

The impact broke the majority of the floats and damaged almost the whole number of arms, entirely disabling the starboard wheel. The engines were stopped and then altered course arriving New York February 10. Encounter blunted bow starting 18' (5.5 m) of rivets on her starboard side, rims of paddles were turned and floats torn off.

## Ice Details

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**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

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**Geographic Area:** Grand Banks

**Origin:** Liverpool

**Collision Latitude:** 46 ° ' " N

**Destination:** New York

**Collision Longitude:** 049 ° 15 ' " W

**Distance:**

**Locale Accuracy:** Estimated

**Cargo at Event:**

**Voyage:**

**Displacement:**

**Draft FWD (m):** 7.09

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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