



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> Brooklyn City	<b>Prime Mover:</b> Steam
<b>Flag:</b> UK	<b>Transmission:</b> Unknown
<b>ASPPR Ice Class:</b> Unknown	<b>Power (kW):</b>
<b>Lloyd's Class:</b> Unknown	<b># Propellers:</b>
<b>Baltic Class:</b> Unknown	<b>Prop. Type:</b> Unknown
<b>Vessel Type:</b> Steamship	<b>Service Speed:</b>
<b>Owner:</b> Bristol City Line	<b>Stern Form:</b>
<b>Registered Country:</b>	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b>	<b>Miscellaneous Vessel Notes:</b>

**Bow Shape:** Unknown  
**Stem Angle:**

<b>Dimensions (m):</b>	<b>Mass (tonnes):</b>	
<b>Length:</b>	<b>Gross:</b>	1725
<b>Beam:</b>	<b>Net:</b>	0
<b>Depth:</b>	<b>Dead:</b>	

In service with Bristol City Line 1881 - 1910, sold and renamed "Gibilterra".

### Collision Details

<b>Date:</b> 01-Apr-1897	<b>Air Temperature:</b>
<b>Visibility (nautical miles):</b>	<b>Water Temperature:</b>
<b>Visibility:</b> Poor	<b>Wind Speed:</b>
<b>Visibility - Fog:</b> Fog	<b>Wave Height:</b>
<b>Visibility - Snow:</b> Unknown	<b>Sea State:</b> Unknown
<b>Visibility - Light:</b> Night	
<b>Collision Speed:</b> 4	

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## Damage Details

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<b>Damage Sustained:</b> Yes	<b>Damage Report No. :</b>
<b>Scenario:</b> Striking projection	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Hole	<b>Size - Length (m):</b>
<b>Location:</b> Hull and tanks	<b>Size - Height (m):</b>
<b>Code:</b> Plate	<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:

After clearing field ice into a lead an iceberg loomed ahead in the fog. Wheel thrown hard over and appeared was going to miss when vessel when bow raised up then ship slid to side with much grinding noise. Berg was 60' (18 m) high or more and about 100' (30 m) long and struck at 11:45 p.m just off the Grand Banks.

### Damage Description:

Plates intact above the waterline but water flooded forepeak to a depth of 15' (4.5 m). The watertight bulkhead was also cracked so that water entered the forehold but was kept down to a few inches by the pumps. Bows swathed in tarpaulins.

## 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:** Medium

**Longitude:** 0 ° ' " W

**Length:** 30

**Date of Observation:**

**Width:**

**Iceberg Tonnage:**

## Route Details

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**Geographic Area:** Grand Banks

**Origin:** Swansea

**Collision Latitude:** 43 ° 55 ' " N

**Destination:** New York

**Collision Longitude:** 048 ° 23 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:** General

**Voyage:**

**Displacement:**

**Draft FWD (m):**

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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