



National Research  
Council  
Canada

Conseil National de  
Recherches  
Canada

Institute for Ocean  
Technology

Institut des Technologies  
Océaniques

## Ship-Iceberg Collision Incident Report



Page 1 of 3

### Vessel Characteristics

<b>Name:</b> Ethiopia	<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> 1
<b>Baltic Class:</b> Unknown	<b>Prop. Type:</b> Unknown
<b>Vessel Type:</b> Passenger / Cargo	<b>Service Speed:</b> 13
<b>Owner:</b> Anchor Line	<b>Stern Form:</b>
<b>Registered Country:</b> UK	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1873	<b>Miscellaneous Vessel Notes:</b>
<b>Bow Shape:</b> Unknown	1907 scrapped.
<b>Stem Angle:</b>	
<b>Dimensions (m):</b>	<b>Mass (tonnes):</b>
<b>Length:</b> 122.5	<b>Gross:</b> 4005
<b>Beam:</b> 12.25	<b>Net:</b>
<b>Depth:</b>	<b>Dead:</b>

### Collision Details

<b>Date:</b> 06-Jun-1894	<b>Air Temperature:</b>
<b>Visibility (nautical miles):</b> 0.01	<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> Daylight	
<b>Collision Speed:</b> 12	

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

---

<b>Damage Sustained:</b> Yes	<b>Damage Report No. :</b>
<b>Scenario:</b> Direct Impact	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Crushed	<b>Size - Length (m):</b> 5
<b>Location:</b> Bow	<b>Size - Height (m):</b>
<b>Code:</b> Hole	<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> 1
<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:

From New York, June 2, hit a berg with great force in the North Atlantic in the afternoon of June 6 during a heavy fog 200 miles SW of the Flemish Cap. At 2:30 pm travelling at 12 knots in visibility of no further than yards, engines suddenly stopped and after a lull of 5 seconds came a tremendous crash. "A vast white mountain of ice" seen moments after.

### Damage Description:

Orders given to abandon ship but found that the pumps were handling the leak through a hole in the bows. Bow above waterline badly stove and broken, bulkheads tight, forward compartment full of water. Canvas used to strengthen bulkhead and kegs of flour used to damn hole. Little flour spoiled. Cargo in the forehold moved to stern to raise bows and most voyage completed at quarter speed. Nobody injured despite having been thrown to the floor at impact. Arrived Glasgow June 16.

## Ice Details

---

**Ice Briefing Received:** Unknown

**Iceberg Population:**

**IIP Iceberg Number:**

**Sea Ice Concentration:**

**Position of Nearest Known Iceberg:**

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



# Ship-Iceberg Collision Incident Report



Page 3 of 3

**Iceberg Shape:** Unknown

**Latitude:** 0 ° ' " N

**Iceberg Size:** Large

**Longitude:** 0 ° ' " W

**Length:**

**Date of Observation:**

**Width:**

**Iceberg Tonnage:**

## Route Details

---

**Geographic Area:** Grand Banks

**Origin:** New York

**Collision Latitude:** 45 ° 06 ' " N

**Destination:** Glasgow

**Collision Longitude:** 045 ° 03 ' " W

**Distance:**

**Locale Accuracy:** Unknown

**Cargo at Event:** Flour

**Voyage:**

**Displacement:**

**Draft FWD (m):**

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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

