



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> Hartville	<b>Prime Mover:</b> Steam
<b>Flag:</b> UK	<b>Transmission:</b> Unknown
<b>ASPPR Ice Class:</b> Unknown	<b>Power (kW):</b> 78.3
<b>Lloyd's Class:</b> Unknown	<b># Propellers:</b> 1
<b>Baltic Class:</b> Unknown	<b>Prop. Type:</b> Unknown
<b>Vessel Type:</b> Freighter	<b>Service Speed:</b>
<b>Owner:</b> Groves, Maclean and Co.	<b>Stern Form:</b>
<b>Registered Country:</b> UK	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1879	<b>Miscellaneous Vessel Notes:</b>
<b>Bow Shape:</b> Unknown	Iron single screw Brigantine.
<b>Stem Angle:</b>	
<b>Dimensions (m):</b>	<b>Mass (tonnes):</b>
<b>Length:</b> 78.6	<b>Gross:</b> 1763
<b>Beam:</b> 10.5	<b>Net:</b> 1141
<b>Depth:</b> 6	<b>Dead:</b> 1388

### Collision Details

<b>Date:</b> 11-Mar-1887	<b>Air Temperature:</b>
<b>Visibility (nautical miles):</b>	<b>Water Temperature:</b>
<b>Visibility:</b> Unknown	<b>Wind Speed:</b>
<b>Visibility - Fog:</b> Unknown	<b>Wave Height:</b>
<b>Visibility - Snow:</b> Unknown	<b>Sea State:</b> Unknown
<b>Visibility - Light:</b> Unknown	
<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> Direct Impact	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Crushed	<b>Size - Length (m):</b> 1.5
<b>Location:</b> Bow	<b>Size - Height (m):</b> 1.5
<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>
<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:

Hit a large berg on the Grand Banks.

### Damage Description:

4 port bow plates smashed and 5' (1.5 m) square hole; some cargo jettisoned. Arrived Halifax March 19.

## 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:** Large

**Longitude:** 0 ° ' " W

**Length:**

**Date of Observation:**

**Width:**

**Iceberg Tonnage:**

## Route Details

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**Geographic Area:** Grand Banks

**Origin:** Norfolk

**Collision Latitude:** 43 ° 20 ' " N

**Destination:** Liverpool

**Collision Longitude:** 047 ° 00 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:**

**Voyage:**

**Displacement:**

**Draft FWD (m):**

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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