



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> Mayfall	<b>Prime Mover:</b> Oil Engine
<b>Flag:</b> Canada	<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> Freighter	<b>Service Speed:</b> 10
<b>Owner:</b> Mayhaven Shipping Ltd.	<b>Stern Form:</b>

**Registered Country:**

**Steel Grade:** Unknown

**Year of Manufacture:** 1946

**Miscellaneous Vessel Notes:**

**Bow Shape:** Unknown

Steel motor coastal freighter.

**Stem Angle:**

**Dimensions (m):**

**Mass (tonnes):**

<b>Length:</b> 43.98	<b>Gross:</b> 521
<b>Beam:</b> 8.26	<b>Net:</b> 267
<b>Depth:</b> 4.75	<b>Dead:</b>

### Collision Details

**Date:** 12-Jul-1961

**Visibility (nautical miles):** 0.003

**Air Temperature:**

**Visibility:** Poor

**Water Temperature:**

**Visibility - Fog:** Thick fog

**Wind Speed:** 5

**Visibility - Snow:** Clear

**Wave Height:**

**Visibility - Light:** Night

**Sea State:** Calm

**Collision Speed:** 3

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## Damage Details

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<b>Damage Sustained:</b> Yes	<b>Damage Report No. :</b>
<b>Scenario:</b> Grounding on	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Denting	<b>Size - Length (m):</b>
<b>Location:</b> Unknown-dent	<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:

Struck iceberg in dense fog at 2333 local time after reducing speed to 3 knots. Radar equipped, but not in operation (broken). Iceberg spotted directly ahead 3 minutes before impact and engines reversed. Opinion of the examiner that the lookout should have been on the bow and not on the bridge. Icebergs had been reported in the area in the weeks earlier but none recently in the IIP reports.

### Damage Description:

Stem plate dented 3 ft (1 m) below deck line. Starboard sheer strake was indented from the stem roughly 4' (1.2 m) back, and the bulwarks bent in. All damage was repaired; not severe. Returned to St. John's June 13.

## Ice Details

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**Ice Briefing Received:** Unknown

**Iceberg Population:** 1

**IIP Iceberg Number:**

**Sea Ice Concentration:**

**Position of Nearest Known Iceberg:**

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**Iceberg Shape:** Unknown

**Latitude:** 47 ° 01 ' " N

**Iceberg Size:** Unknown

**Longitude:** 052 ° 50 ' " W

**Length:**

**Date of Observation:** 15-Jun-1961

**Width:**

**Iceberg Tonnage:**

## Route Details

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**Geographic Area:** Grand Banks

**Origin:** St. John's, NL, Canada

**Collision Latitude:** 46 ° 57 ' " N

**Destination:** North Sydney, NS, Canada

**Collision Longitude:** 052 ° 46 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:** Ballast: 60 tons water

**Voyage:**

**Displacement:**

**Draft FWD (m):** 1.9

**Captain's Experience:** Low

**Radar Equipped?:** No

**Radar Details:**

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