



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> Raleigh	<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> Unknown	<b>Service Speed:</b> 29
<b>Owner:</b> Royal Navy	<b>Stern Form:</b>
<b>Registered Country:</b> UK	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1919	<b><u>Miscellaneous Vessel Notes:</u></b>
<b>Bow Shape:</b> Unknown	HMS. Hawkins class heavy cruiser
<b>Stem Angle:</b>	
<b><u>Dimensions (m):</u></b>	<b><u>Mass (tonnes):</u></b>
<b>Length:</b> 184.4	<b>Gross:</b> 12000
<b>Beam:</b>	<b>Net:</b>
<b>Depth:</b>	<b>Dead:</b>

### Collision Details

<b>Date:</b> 08-Aug-1922	<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> Thick fog	<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



# Ship-Iceberg Collision Incident Report



## Damage Details

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<b>Damage Sustained:</b> Yes	<b>Damage Report No. :</b>
<b>Scenario:</b> Collision with other object avoi	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Large hole	<b>Size - Length (m):</b> 110
<b>Location:</b> Hulls	<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> 11	
<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:

Went aground after avoiding iceberg in thick fog.

### Damage Description:

"On August 08, 1922, the wreck of the 12,000 ton British warship, known as the HMS Raleigh, became the most famous marine disaster in the history of the Strait of Belle Isle. Launched just three years before, this 605 foot, 700 crew vessel was on its way from Port Saunders, Newfoundland, toward Forteau Bay where officers would go for salmon and trout fishing. In heavy fog, the Raleigh approached its destination, barely missing a massive iceberg that was in its path. While avoiding this collision, the ship went into shallow waters.

## 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: Strait of Belle Isle and

Origin: Port Saunders

Collision Latitude: 51 ° 28 ' " N

Destination: Forteau Bay

Collision Longitude: 056 ° 56 ' " 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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