



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> Cassandra	<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> 2
<b>Baltic Class:</b> Unknown	<b>Prop. Type:</b> Unknown
<b>Vessel Type:</b> Passenger	<b>Service Speed:</b> 14
<b>Owner:</b> Donaldson Line	<b>Stern Form:</b>
<b>Registered Country:</b> UK	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1906	<b>Miscellaneous Vessel Notes:</b>
<b>Bow Shape:</b> Unknown	1925 renamed Carmia.
<b>Stem Angle:</b>	1929 renamed Drachenstein
	1934 scrapped.
<b>Dimensions (m):</b>	<b>Mass (tonnes):</b>
<b>Length:</b> 138.7	<b>Gross:</b> 8135
<b>Beam:</b> 16.2	<b>Net:</b> 5228
<b>Depth:</b> 8.2	<b>Dead:</b>

### Collision Details

<b>Date:</b> 24-May-1919	<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> Unknown	
<b>Collision Speed:</b>	
Kerwin Place	Place Kerwin
P.O. Box 12093	C.P. 12093
St. John's, Newfoundland	St. John's, Terre-Neuve
A1B 3T5	A1B 3T5
Fax:(709) 772-2462	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> Hole	<b>Size - Length (m):</b>
<b>Location:</b> Bow	<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:

Hit a growler off the Newfoundland coast.

### Damage Description:

Damaged below the waterline in the bows but not making much water though other report states forward compartments flooded. Departed Montreal May 21, arrived St. John's May 25.  
Another report (with a slightly different latitude): "At 6.00 a.m. of the 25th, there being dense fog, received an S.O.S. from the British ship "Casandra", stating she had struck an ice berg in Latitude 47°21'N. Longitude 51°22'W. Proceeded full speed for her position. informing the vessel via Cape Race that we were 160 miles

## 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:** Unknown

**Longitude:** 0 ° ' " W

**Length:**

**Date of Observation:**

**Width:**

**Iceberg Tonnage:**

## Route Details

---

**Geographic Area:** Grand Banks

**Origin:** Montreal

**Collision Latitude:** 47 ° 13 ' " N

**Destination:** Glasgow

**Collision Longitude:** 051 ° 22 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:** General

**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

