



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> Elma	<b>Prime Mover:</b> Sail
<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> Sailing Vessel	<b>Service Speed:</b>
<b>Owner:</b> Peter C. Campbell, Maria, Company	<b>Stern Form:</b>
<b>Registered Country:</b> Canada	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1871	

**Miscellaneous Vessel Notes:**

Brigantine, built in Quebec, registered in New Carlisle, Quebec.

**Bow Shape:** Unknown  
**Stem Angle:**

<b><u>Dimensions (m):</u></b>	<b><u>Mass (tonnes):</u></b>	
<b>Length:</b>	<b>Gross:</b>	
<b>Beam:</b>	<b>Net:</b>	170
<b>Depth:</b>	<b>Dead:</b>	

### Collision Details

<b>Date:</b> 24-Oct-1873	
<b>Visibility (nautical miles):</b>	<b>Air Temperature:</b>
<b>Visibility:</b> Unknown	<b>Water Temperature:</b>
<b>Visibility - Fog:</b> Unknown	<b>Wind Speed:</b>
<b>Visibility - Snow:</b> Unknown	<b>Wave Height:</b>
<b>Visibility - Light:</b> Unknown	<b>Sea State:</b> Unknown

**Collision Speed:**

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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**Damage Sustained:** Yes

**Damage Report No. :**

**Scenario:** Direct Impact

**Steel Failure Type:** Unknown

**Severity:** Crushed

**Size - Length (m):**

**Location:** Bow

**Size - Height (m):**

**Code:** Plate

**Damage Below WL (m):**

**Length of Downtime:**

**Damage Above WL - Height (m):**

**Cost of Downtime:**

**Damage Above WL - Length (m):**

**Cost to Repair:**

**No. Lives Lost:**

**No. Injuries:**

**Cause of Deaths/Injuries:** Unknown

**Cargo Loss:** Unknown

**Pollution:** Unknown

**Pollution Potential:** Unknown

**Cause of Damage:**

Hit a berg 28 miles ESE of Belle Isle.

**Damage Description:**

Bows stove and lost bowsprit and rigging. Arrived St. John's November 17.

## 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:** Snug Harbour, Newfoundland

**Collision Latitude:** 51 ° 40 ' " N

**Destination:** Montreal

**Collision Longitude:** 054 ° 36 ' " 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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