



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> Gananoque	<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>	<b>Stern Form:</b>
<b>Registered Country:</b> Canada	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1857	

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

<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>	
<b>Length:</b>	48.2	<b>Gross:</b>	783
<b>Beam:</b>	9.8	<b>Net:</b>	766
<b>Depth:</b>	6.4	<b>Dead:</b>	

**Miscellaneous Vessel Notes:**

Barque, built by G.T. Davie, Quebec and registered in Belfast, Ireland. Newspaper report states vessel of Newcastle, UK. Captain Louis Viella. Total loss in 1881 at Bird Rocks, near Magdalen Isles.

### Collision Details

<b>Date:</b> 10-May-1881	<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	

**Collision Speed:**

Kerwin Place  
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St. John's, Newfoundland  
A1B 3T5  
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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> Sinking	<b>Size - Length (m):</b>
<b>Location:</b> Bow	<b>Size - Height (m):</b>
<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 berg in thick fog 4 miles off Bird Rocks, Gulf of St. Lawrence.

### Damage Description:

Stove starboard bow, filled rapidly and sank. Crew landed safely on Bird Rocks and picked up on May 12.

## 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:** Gulf of St. Lawrence a

**Origin:** Belfast

**Collision Latitude:** 47 ° 50 ' " N

**Destination:** Miramichi

**Collision Longitude:** 061 ° 10 ' " 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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