



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> 11-Jul-1874	
<b>Visibility (nautical miles):</b>	<b>Air Temperature:</b>
<b>Visibility:</b> Unknown	<b>Water Temperature:</b>
<b>Visibility - Fog:</b> Thick fog	<b>Wind Speed:</b>
<b>Visibility - Snow:</b> Unknown	<b>Wave Height:</b>
<b>Visibility - Light:</b> Unknown	<b>Sea State:</b> Rough

**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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<b>Damage Sustained:</b> Yes	<b>Damage Report No. :</b>
<b>Scenario:</b> Unknown	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Crushed	<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> 1	
<b>No. Injuries:</b>	<b>Cause of Deaths/Injuries:</b> Crushed by falling ice/debris
<b>Cargo Loss:</b> Unknown	
<b>Pollution:</b> Unknown	<b>Pollution Potential:</b> Unknown

### Cause of Damage:

Struck a berg off Cape Race. Lat - lon estimated.

### Damage Description:

Bows stove in and ship filled with water. Vessel was towed into St. John's derelict. All crew but one was saved and landed at Sydney/Glace Bay, Nova Scotia July 21. John Sturgeon, lookout, killed by falling ice, remaining 16 crew members (including Captain's wife) rescued by schooner 'Newport' of Windsor, Captain William Miller. When Newport left, deck to alter hatch was approximately one foot underwater.

## 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: Grand Banks

Origin: Quebec

Collision Latitude: 46 ° 30 ' " N

Destination: Glasgow (Greenock)

Collision Longitude: 052 ° 50 ' " W

Distance:

Locale Accuracy: Estimated

Cargo at Event: Oak Timber

### Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

### Radar Details:

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