



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> Dorothy Melita	<b>Prime Mover:</b> Unknown
<b>Flag:</b> Newfoundland	<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> J.B. Patten & Sons Ltd.	<b>Stern Form:</b>
<b>Registered Country:</b> Newfoundland	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1916	<b>Miscellaneous Vessel Notes:</b>

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

Schooner out of Grand Bank.

<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>	
<b>Length:</b>	<b>Gross:</b>	95
<b>Beam:</b>	<b>Net:</b>	
<b>Depth:</b>	<b>Dead:</b>	

### Collision Details

<b>Date:</b> 28-May-1933	<b>Air Temperature:</b>
<b>Visibility (nautical miles):</b> 9	<b>Water Temperature:</b>
<b>Visibility:</b> Limited	<b>Wind Speed:</b>
<b>Visibility - Fog:</b> Unknown	<b>Wave Height:</b>
<b>Visibility - Snow:</b> Unknown	<b>Sea State:</b> Unknown
<b>Visibility - Light:</b> Night	

**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> 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> 1	
<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 at 2 a.m. about 125 miles SE of Cape Spear.

### Damage Description:

Maintopmast snapped off and person hit on head by iron. Supposedly not seriously injured but records show that one man, Chesley Grandy died on May 30. Pumps manned for 2 days, abandoned 30th. Crew rowed to Cape Spear in a day and a night. 1 man out of the 23 lost.

## 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: Growler

Longitude: 0 ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

## Route Details

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Geographic Area: Grand Banks

Origin:

Collision Latitude: 46 ° 01 ' " N

Destination:

Collision Longitude: 050 ° 29 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: 300 quintals of cod.

### Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

### Radar Details:

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