



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

Name: Edeline	Prime Mover: Sail
Flag:	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: 1A	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Sailing Vessel	Service Speed:
Owner: J. Brodie	Stern Form:
Registered Country: United Kingdom	Steel Grade: Unknown
Year of Manufacture: 1866	<u>Miscellaneous Vessel Notes:</u>
Bow Shape: Unknown	Barque.
Stem Angle:	
<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>
Length: 43.3	Gross: 499
Beam: 9	Net: 499
Depth: 5.6	Dead: 475

Collision Details

Date: 13-Jun-1882	Air Temperature:
Visibility (nautical miles): 0	Water Temperature:
Visibility: Poor	Wind Speed:
Visibility - Fog: Thick fog	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Daylight	
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

Damage Sustained: Yes	Damage Report No. :
Scenario: Unknown	Steel Failure Type: Unknown
Severity: Sinking	Size - Length (m):
Location: Unknown	Size - Height (m):
Code: Hole	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 on the Grand Banks in heavy fog at 7:45 p.m. Nothing could be seen a ship's length ahead and struck the iceberg stem on. The part struck was low and the collision was near the water's edge. The higher portion was some 50 or 100' distant (15 - 30 m).

Damage Description:

Stem thrown to one side bursting the ends of her planks. Her pumps were worked all night, the vessel gradually settling, until 11 o'clock next day, when there were 14' (~4 m) of water in the hold. The crew took to the boats and laid by the wreck all night. Boarded her again next day, 15th at daylight but found her going down very rapidly. Crew pulled away and were picked up by the schooner "Mary F. Chisholm" on the 16th and arrived Boston July 6.

Ice Details

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: Medium

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: New York

Collision Latitude: 43 ° 10 ' " N

Destination: Christiansund

Collision Longitude: 050 ° 08 ' " 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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