



National Research
Council
Canada

Conseil National de
Recherches
Canada

Institute for Ocean
Technology

Institut des Technologies
Océaniques

Ship-Iceberg Collision Incident Report



Page 1 of 3

Vessel Characteristics

Name: Barcelona	Prime Mover: Steam
Flag: UK	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers: 1
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Passenger / Cargo	Service Speed: 10
Owner: Thomson Line	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture: 1878	Miscellaneous Vessel Notes:
Bow Shape: Unknown	Iron vesselm of 1,216 tons burden. 1899 scrapped.
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length: 86.6	Gross: 1802
Beam: 10.4	Net:
Depth:	Dead:

Collision Details

Date: 05-Jul-1883	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Poor	Wind Speed:
Visibility - Fog: Thick fog	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Daylight	
Collision Speed: 4	

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
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Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Direct Impact	Steel Failure Type: Unknown
Severity: Crushed	Size - Length (m):
Location: Bow	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:

Going dead slow in dense fog mis-identified another dense bank of fog, and after ordering full speed astern and hard aport was too late and hit a huge tabular berg ¾ mile (1.2 km) long and 40' (12 m) high in thick weather at 3:40 p.m. while reversing engines 100 miles (160 km) E of Anticosti in the Gulf of St. Lawrence. Another report states 100 miles E of the Strait of Belle Isle which is perhaps more likely.

Damage Description:

Struck on the port bow staving in about 2' 6" (0.75 m) above the water line. Forecastle totally destroyed and forepeak filled with water. Arrived Quebec July 8 and Montreal July 11.

Ice Details

Ice Briefing Received: Unknown

Iceberg Population:

IIP Iceberg Number:

Sea Ice Concentration:

Position of Nearest Known Iceberg:

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Page 3 of 3

Iceberg Shape: Unknown

Latitude: 0 ° ' " N

Iceberg Size: Ice Island

Longitude: 0 ° ' " W

Length: 1200

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Strait of Belle Isle and

Origin: Sunderland

Collision Latitude: 51 ° 30 ' " N

Destination: Montreal

Collision Longitude: 053 ° 50 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: Coal

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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