



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: Portia	Prime Mover: Steam
Flag: Newfoundland	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Passenger / Cargo	Service Speed:
Owner: Red Cross Line	Stern Form:
Registered Country:	Steel Grade: Unknown
Year of Manufacture: 1884	

Miscellaneous Vessel Notes:

Either acquired or built for Bowring's in 1884.
Wrecked in July of 1899.

Bow Shape: Unknown
Stem Angle:

<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>	
Length:	Gross:	1156
Beam:	Net:	0
Depth:	Dead:	

Collision Details

Date: 30-Jul-1890	
Visibility (nautical miles):	Air Temperature:
Visibility: Unknown	Water Temperature:
Visibility - Fog: Unknown	Wind Speed:
Visibility - Snow: Unknown	Wave Height:
Visibility - Light: Unknown	Sea State: 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

Damage Sustained: Yes	Damage Report No. :
Scenario: Grounding on	Steel Failure Type: Unknown
Severity: Puncture	Size - Length (m):
Location: Hulls	Size - Height (m):
Code: Plate	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:

Got too close to an iceberg and was hoisted 12' (3.6 m) high and dry as iceberg capsized, in Notre Dame Bay, Newfoundland.
Another account: passing berg when it broke into 3 pieces one of which came up under hull lifting her 5' (1.5 m).

Damage Description:

Some plates and keel damaged, slight leak, when returned to water.
Greene, Major William Howe. 1933. The Wooden Walls Among The Ice Floes, Telling the Romance of the Newfoundland Seal Fishery. Hutchinson & Co. Limited, London, England, 298 pp. "An extraordinary experience with a foundering berg happened in Julv. 1893. to the SS "Portia". a passenger and cargo vessel

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: Large

Longitude: 0 ' " W

Length: 180

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Strait of Belle Isle and

Origin: Pelley's Island, Newfoundland

Collision Latitude: 49 ° 45 ' " N

Destination: St. John's and New York

Collision Longitude: 054 ° 17 ' " 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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