



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: Columbia	Prime Mover: Steam
Flag: UK	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers: 2
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Passenger	Service Speed: 16
Owner: Anchor Line	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture: 1902	Miscellaneous Vessel Notes:
Bow Shape: Unknown	1919 renamed "Columbella".
Stem Angle:	1926 renamed "Moreas"
	1929 scrapped.
Dimensions (m):	Mass (tonnes):
Length: 148	Gross: 8292
Beam: 17.2	Net:
Depth:	Dead:

Collision Details

Date: 02-Aug-1911	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: Low light	
Collision Speed: 8	
Kerwin Place	Place Kerwin
P.O. Box 12093	C.P. 12093
St. John's, Newfoundland	St. John's, Terre-Neuve
A1B 3T5	A1B 3T5
Fax:(709) 772-2462	Télécopieur:(709) 772-2462



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Page 2 of 3

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: Plate	Damage Below WL (m):
Length of Downtime:	Damage Above WL - Height (m): 12
Cost of Downtime:	Damage Above WL - Length (m): 4
Cost to Repair:	
No. Lives Lost:	
No. Injuries: 4	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: No

Cause of Damage:

Struck a berg 100' (30 m) high and ¼ mile (400 m) long at 7 p.m at night 180 miles (290 km) off Cape Race. Ship was travelling at half speed, 8 kts in dense fog. Ship whistle returned an echo from the berg and engines were reversed a few moments before collision further reducing speed.

Damage Description:

Bow pushed back 10 -15 feet (~4 m). 5 - 9 feet (~2 m) of water in forward compartment. 2 or 4 passengers hurt, one with a broken leg and another with a broken collarbone.

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: Medium

Longitude: 0 ° ' " W

Length: 400

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Glasgow

Collision Latitude: 46 ° 37 ' " N

Destination: Moville and New York

Collision Longitude: 053 ° 00 ' " 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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