



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: Bristol	Prime Mover: Steam
Flag: UK	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: Great Western Steamship Co.	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture:	

Bow Shape: Unknown
Stem Angle:

Dimensions (m):	Mass (tonnes):	
Length:	Gross:	1983
Beam:	Net:	
Depth:	Dead:	

Miscellaneous Vessel Notes:

Bowring Brothers (Agents), Captain Williams. Originally "City of Valparaiso" and renamed in 1879. 1887 renamed "Costa Rica".

Collision Details

Date: 01-Sep-1884	
Visibility (nautical miles):	Air Temperature:
Visibility: Unknown	Water Temperature:
Visibility - Fog: Unknown	Wind Speed:
Visibility - Snow: Unknown	Wave Height:
Visibility - Light: Unknown	Sea State: Unknown

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: Striking concealed growler/ber	Steel Failure Type: Unknown
Severity: Crushed	Size - Length (m):
Location: Propeller	Size - Height (m):
Code: Propulsor	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 ice [probably a growler]. Reported 378 icebergs between Cape Freels and St. John's. Incident location estimated.

Damage Description:

Propeller smashed; newspaper report states that a blade "...worked loose on the passage". Arrived St. John's September 26. Scew on blade replaced by depressing bow; similar repair had been made in Montreal prior to voyage.

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: Growler

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Montreal

Collision Latitude: 48 ° 04 ' " N

Destination: Bristol

Collision Longitude: 052 ° 34 ' " W

Distance:

Locale Accuracy: Estimated

Cargo at Event: Cattle

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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