



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: Bonavista	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: Freighter	Service Speed:	
Owner: Harvey & Co.	Stern Form:	
Registered Country:	Steel Grade: Unknown	
Year of Manufacture:	<u>Miscellaneous Vessel Notes:</u>	
Bow Shape: Unknown		
Stem Angle:		
<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>
Length:		Gross:
Beam:		Net: 0
Depth:	Dead:	

Collision Details

Date: 23-Jul-1909	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: Unknown	
Collision Speed: 6	

Kerwin Place P.O. Box 12093 St. John's, Newfoundland A1B 3T5 Fax:(709) 772-2462	6 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: 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: No	
Pollution: No	Pollution Potential: No

Cause of Damage:

Struck an immense overhanging berg 25 miles off Cape St. Mary's in dense fog while running at half speed.

Damage Description:

Bows badly damaged and large masses of ice showered onto vessel. Some plates knocked off the bow. Able to make port.

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: ° ' " N

Iceberg Size: Large

Longitude: ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Montreal

Collision Latitude: 46 ° 30 ' " N

Destination: St. John's

Collision Longitude: 054 ° 30 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: Cattle, and produce

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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