



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: Grampian	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: 15
Owner: Canadian Pacific Ocean Service	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture: 1907	<u>Miscellaneous Vessel Notes:</u>
Bow Shape: Unknown	1910 rebuilt to present tonnage.
Stem Angle:	1921 gutted by fire.
	1925 scrapped.
<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>
Length: 148	Gross: 10947
Beam: 18.3	Net: 0
Depth: 11.6	Dead:

Collision Details

Date: 09-Jul-1919	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: 6	
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



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: 2	
No. Injuries: 2	Cause of Deaths/Injuries: Crushed at Impact
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Carrying 700 passengers and 300 crew, hit a monster iceberg 45 miles shortly before 6 p. m. off St. John's in thick fog at reduced speed and then the reversing of engines.

Damage Description:

Forecastle deck demolished, stem flattened, bows cut in to 30 feet; all above waterline. Two crew asleep in the forecabin killed and two others were pinned by arms and legs for over an hour. Arrived St. John's early next morning for extensive repairs.

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:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Montreal

Collision Latitude: 47 ° 03 ' " N

Destination: Liverpool

Collision Longitude: 052 ° 23 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: General, plus 700 passengers and 300 crew.

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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