



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: Critic

Prime Mover: Steam

Flag:

Transmission: Unknown

ASPPR Ice Class: Unknown

Power (kW):

Lloyd's Class: Unknown

Propellers:

Baltic Class: Unknown

Prop. Type: Unknown

Vessel Type: Steamship

Service Speed:

Owner: Arrow Line

Stern Form:

Registered Country:

Steel Grade: Unknown

Year of Manufacture:

Miscellaneous Vessel Notes:

Bow Shape: Unknown

Specs from Edinburgh Courant 30 Dec. 1884
p4 c4.

Stem Angle:

Dimensions (m):

Mass (tonnes):

Length:

Gross:

1700

Beam:

Net:

Depth:

Dead:

Collision Details

Date: 16-Mar-1891

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: Unknown	Steel Failure Type: Unknown
Severity: Hole	Size - Length (m): 2.4
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: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Hit a small iceberg in 50°W in the North Atlantic. Lat estimated.

Damage Description:

Hole in starboard bow, 8' (2.4 m) long, several plates above waterline damaged, fore-compartment filled with water. At Leith March 29. Cargo damaged by water.

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: Small

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: New York

Collision Latitude: 42 ° 50 ' " N

Destination: Leith

Collision Longitude: 049 ° 50 ' " W

Distance:

Locale Accuracy: Estimated

Cargo at Event: Flour

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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