



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: Royal Arch

Prime Mover: Sail

Flag:

Transmission: Unknown

ASPPR Ice Class: Unknown

Power (kW):

Lloyd's Class: 1A

Propellers:

Baltic Class: Unknown

Prop. Type: Unknown

Vessel Type: Sailing Vessel

Service Speed:

Owner: G. Allix

Stern Form:

Registered Country: United Kingdom

Steel Grade: Unknown

Year of Manufacture: 1866

Miscellaneous Vessel Notes:

Bow Shape: Unknown

Schooner. Listed by Lloyd's Register as a dandy.

Stem Angle:

Dimensions (m):

Mass (tonnes):

Length: 19.6

Gross:

Beam: 5.2

Net:

43

Depth: 2.5

Dead:

Collision Details

Date: 25-Jun-1875

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
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Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Unknown	Steel Failure Type: Unknown
Severity: Sinking	Size - Length (m):
Location: Unknown	Size - Height (m):
Code: Hole	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 berg near Strait of Belle Isle. Lat - lon estimated.

Damage Description:

Sank. Passengers and crew saved.

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: Unknown

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Strait of Belle Isle and

Origin: St. John's

Collision Latitude: 51 ° 58 ' " N

Destination: Labrador

Collision Longitude: 054 ° 56 ' " W

Distance:

Locale Accuracy: Estimated

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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