



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: Ranzani	Prime Mover: Steam
Flag:	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW): 104
Lloyd's Class: 1A	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Steamship	Service Speed:
Owner: Stephens & Mawsen	Stern Form:
Registered Country: United Kingdom	Steel Grade: Unknown
Year of Manufacture: 1879	Miscellaneous Vessel Notes:
Bow Shape: Unknown	Iron screw Schooner.
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length: 78.6	Gross: 1422
Beam: 9.8	Net: 913
Depth: 6.5	Dead: 1322

Collision Details

Date: 23-May-1881	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Unknown	Wind Speed:
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: 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: Unknown

Size - Length (m):

Location: Unknown

Size - Height (m):

Code: Unknown

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:

Struck an iceberg off Fogo Island.

Damage Description:

Damage to bows and forward compartment filled. Put into Betts Cove for repair.

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: Twillingate

Collision Latitude: 49 ° 45 ' " N

Destination: Liverpool

Collision Longitude: 054 ° 10 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: 1800 tons of copper ore,

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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