



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: Intrepid	Prime Mover: Sail
Flag: UK	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Sailing Vessel - Power Assisted	Service Speed:
Owner: Royal Navy	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture:	<u>Miscellaneous Vessel Notes:</u>
Bow Shape: Unknown	Steam tender.
Stem Angle:	
<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>
Length:	Gross:
Beam:	Net:
Depth:	Dead:

Collision Details

Date: 27-Aug-1851	Air Temperature: 1
Visibility (nautical miles):	Water Temperature:
Visibility: Good	Wind Speed:
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Unknown	
Collision Speed: 0	
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: Vessel drifts upon iceberg	Steel Failure Type: Unknown
Severity: Denting	Size - Length (m):
Location: Steering gear	Size - Height (m):
Code: Rudder	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:

At the entrance to Jones Sound in the Canadian Arctic during the Franklin search expeditions the vessel was caught between moving pack ice and an iceberg and lifted high and dry. By incredible luck the vessel slid back upright and undamaged.

Damage Description:

"It concerned, he said, their steam tender Intrepid, commande by J[ohn] B[ertie] Cator. A vast ice flow drove her against a berg with a frightful crash. Destruction seemed certain, when the little vessel was seen to rise to the pressure. She was forced 40 ft. [12 m] up the side of the iceberg, masses of ice from the floating [ice] floe running 10 ft. [3 m] above the bulwarck. Then the piled-up mass from the floe sank down, leaving the ship suspended on the side of the berg, her only supports being two small wedge pieces, one at the stern

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: Baffin Bay Area

Origin: UK

Collision Latitude: 76 ° ' " N

Destination: Canadian Arctic

Collision Longitude: 080 ° ' " W

Distance:

Locale Accuracy: Known

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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