



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: William Brown	Prime Mover: Sail
Flag: USA	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Sailing Vessel	Service Speed:
Owner: Joseph P. Vogel	Stern Form:
Registered Country: USA	Steel Grade: Unknown
Year of Manufacture:	Miscellaneous Vessel Notes:
Bow Shape: Unknown	Ship out of Philadelphia.
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length:	Gross: 650
Beam:	Net:
Depth:	Dead:

Collision Details

Date: 19-Apr-1841	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Limited	Wind Speed: 20
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Rain	Sea State: Rough
Visibility - Light: Low light	
Collision Speed: 10	
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: Glancing Blow	Steel Failure Type: Unknown
Severity: Sinking	Size - Length (m):
Location: Hulls	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: 49	
No. Injuries:	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Hit a pan of ice at 8:45 pm in a gale and squalls in the North Atlantic at 10 knots and 10 - 15 minutes later struck an iceberg.

Damage Description:

Stove in port side in a violent shock. The ship's two boats got away with the 17 crew and 31 of the passengers. Vessel sank at 20 minutes past midnight with the loss off 33 passengers out of 64. 16 (possibly 17) passengers were tossed out of one of the two lifeboats because it was overcrowded and leaking. Later found that the leak was caused by the bung coming out.
<http://www.cronab.demon.co.uk/brown.htm>

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: Grand Banks

Origin: Liverpool

Collision Latitude: 43 ° 30 ' " N

Destination: Philadelphia

Collision Longitude: 049 ° 39 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: 559.5 tons of salt, crate goods, coal, crockery, hardware and passengers.

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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