



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: Beacon Light	Prime Mover: Steam
Flag: UK	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Tanker	Service Speed: 13
Owner: Stuart Oil Co., Liverpool	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture: 1890	

Miscellaneous Vessel Notes:

Iron oil tanker.
Purchased by Bowring's in 1890.
1918 torpedoed and sunk.

Bow Shape: Unknown
Stem Angle:

<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>	
Length:	101.2	Gross:	2107
Beam:	12.2	Net:	
Depth:	8.5	Dead:	

Collision Details

Date: 13-May-1890	Air Temperature:
Visibility (nautical miles):	Water Temperature: 12
Visibility: Poor	Wind Speed:
Visibility - Fog: Thick fog	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Night	

Collision Speed: 6	
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: Striking projection	Steel Failure Type: Unknown
Severity: Minor Deck Damage	Size - Length (m):
Location: Hulls	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 berg 90' (27 m) high and 600' (183 m) long in dense fog in the North Atlantic at 12:20 a.m. doing about 6 knots, while trying to turn it and hitting a projecting ledge. Searchlight caught something in base of fog about 50' (15 m) away. Engines reversed and helm put hard over. Just about clear when struck a projecting ledge which tumbled ice on deck and glancing blow turned vessel on beam ends. Ice falling into water also came

Damage Description:

Much ice including a piece of 50 tons landed on forecastle smashing deck and rails. A portion of the forecastle head had been knocked in and several plates on the starboard bow had been bent. Hole on the starboard side of the forecastle deck was over 10' (3 m) square. The railings above these plates had been torn away. Several holes knocked in the steamer amidships and aft. The supports in the traverse bulkhead which extends the length of the vessel was twisted. Vessel leaking but pumps controlled it. No casualties

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: Pinnacle

Latitude: 0 ° ' " N

Iceberg Size: Large

Longitude: 0 ° ' " W

Length: 183

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Newcastle

Collision Latitude: 43 ° 55 ' " N

Destination: New York

Collision Longitude: 048 ° 18 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: 2,500 tons of water ballast.

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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