



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: R.W. Merriam	Prime Mover: Sail
Flag: Canada	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: J. Doull	Stern Form:
Registered Country: Canada	Steel Grade: Unknown
Year of Manufacture: 1874	Miscellaneous Vessel Notes:

Bow Shape: Unknown
Stem Angle:

Barque built at Truro and owned in Halifax.

<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>	
Length:	44.7	Gross:	599
Beam:	10.1	Net:	572
Depth:	5.4	Dead:	536

Collision Details

Date: 10-May-1885	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Poor	Wind Speed:
Visibility - Fog: Thick fog	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Daylight	

Collision Speed: 3	
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: Direct Impact	Steel Failure Type: Unknown
Severity: Abandoned	Size - Length (m):
Location: Bow	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:

Struck a large berg 40' (12 m) high and 1 mile (1.6 km) long in thick fog at 8 a.m. (or 3 p.m.) at 3 kts.

Damage Description:

Bows stove and bowsprit driven into hold and broke the lower beam. Abandoned May 11 and set on fire. Crew taken aboard Barque "Aurora".

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: Tabular

Latitude: 0 ° ' " N

Iceberg Size: Large

Longitude: 0 ° ' " W

Length: 1600

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Liverpool

Collision Latitude: 43 ° 30 ' " N

Destination: Halifax

Collision Longitude: 049 ° 20 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: Small cargo of salt as ballast.

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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