



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: Niagara (I)	Prime Mover: Sail
Flag:	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: Greenwall	Stern Form:
Registered Country: United Kingdom	Steel Grade: Unknown
Year of Manufacture: 1836	<u>Miscellaneous Vessel Notes:</u>
Bow Shape: Unknown	Barque
Stem Angle:	
<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>
Length:	Gross: 336
Beam:	Net: 0
Depth:	Dead: 314

Collision Details

Date: 09-May-1845	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Limited	Wind Speed:
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Night	
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: Direct Impact	Steel Failure Type: Unknown
Severity: Crushed	Size - Length (m):
Location: Bow	Size - Height (m):
Code: Frame	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: 2	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Struck an iceberg in the North Atlantic. Lat - lon estimated.

Damage Description:

Bows stove, bowsprit carried away and other damage.
Quebec Gazette #6357 09/06/1845 Page 3, Col. 1C:
Captain Gourley, of the bark Niagara, arrived on Saturday, reports that on the 9th May at 1 A.M., he struck a large iceberg, which stove in his bows, carried away bowsprit and all attached to it. and caused his ship to leak. two of his men were severelv iniured by the collision.

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: Large

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin:

Collision Latitude: 44 ° 30 ' " N

Destination: Quebec

Collision Longitude: 049 ° 30 ' " W

Distance:

Locale Accuracy: Unknown

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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