



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: Byron	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: M. Hudson	Stern Form:
Registered Country: United Kingdom	Steel Grade: Unknown
Year of Manufacture: 1825	

Bow Shape: Unknown
Stem Angle:

<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>	
Length:	Gross:	107
Beam:	Net:	81
Depth:	Dead:	

Miscellaneous Vessel Notes:

There was a 50' 52GRT ship "Byron" built in Liverpool, NS. But doubtful if same ship.

Collision Details

Date: 02-Aug-1836	
Visibility (nautical miles):	Air Temperature:
Visibility: Unknown	Water Temperature:
Visibility - Fog: Unknown	Wind Speed:
Visibility - Snow: Unknown	Wave Height:
Visibility - Light: Unknown	Sea State: Unknown

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
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Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Direct Impact	Steel Failure Type: Unknown
Severity: Cracks	Size - Length (m):
Location: Bow	Size - Height (m):
Code: Appendage	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 huge iceberg over 100' (30 m) high on the Grand Banks.

Damage Description:

The bowsprit was carried away and the stern was pressed down by an overhanging piece of ice. Vessel righted herself later on and next day 3 other mountains of ice were seen.

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: Medium

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Liverpool

Collision Latitude: 44 ° 22 ' " N

Destination: New York

Collision Longitude: 048 ° 40 ' " 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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