



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: Charlot	Prime Mover: Steam
Flag: USA	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Cargo - General	Service Speed:
Owner: US Shipping Board	Stern Form:
Registered Country: USA	Steel Grade: Unknown
Year of Manufacture: 1919	<u>Miscellaneous Vessel Notes:</u>
Bow Shape: Unknown	
Stem Angle:	
<u>Dimensions (m):</u>	<u>Mass (tonnes):</u>
Length:	Gross: 5150
Beam:	Net: 3300
Depth:	Dead: 5340

Collision Details

Date: 09-Jun-1921	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Poor	Wind Speed:
Visibility - Fog: Fog	Wave Height:
Visibility - Snow: Unknown	Sea State: Calm
Visibility - Light: Low light	
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: Hole	Damage Below WL (m):
Length of Downtime: About 2 months	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: Yes

Cause of Damage:

Struck a berg, after leaving St. John's for engine repairs, with wheel hard aport and engines full astern. Drove on almost her entire length.

Damage Description:

Bow stove in 20 feet. Leaking in No. 2 hold. Plates buckled like paper and some broken. Hundreds of rivets started. Port anchor embedded in plate, and heavy winch on peak deck smashed. Returned to St. John's. Hydrographic Bulletin #1678 November 2: "Charlot", A. Ricca: On June 9 1921 in 48.30'N 50.03'W at 5:40 am, ice was sighted right ahead and orders were given to put the wheel hard aport and full speed astern on main engines. Vessel swung to port and a submerged part of the icebera scraped the keel under the bilae.

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: Philadelphia - St. John's

Collision Latitude: 48 ° 30 ' " N

Destination: London - Hamburg

Collision Longitude: 050 ° 03 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: Grain and general cargo.

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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