



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: Kastalia	Prime Mover: Steam
Flag:	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW): 294.6
Lloyd's Class: 1A	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Steamship	Service Speed:
Owner: Donaldson Brothers	Stern Form:
Registered Country: United Kingdom	Steel Grade: Unknown
Year of Manufacture: 1897	Miscellaneous Vessel Notes:
Bow Shape: Unknown	Steam screw schooner. Sold and renamed Yonne in 1916, torpedoed and sunk.
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length: 114.9	Gross: 4039
Beam: 14.2	Net: 2562
Depth: 5.7	Dead: 3859

Collision Details

Date: 13-Mar-1899	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Unknown	Wind Speed:
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: 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 A1B 3T5 Télécopieur:(709) 772-2462



Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Direct Impact	Steel Failure Type: Unknown
Severity: Puncture	Size - Length (m):
Location: Bow	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 flat large iceberg (or ice pan) off Newfoundland

Damage Description:

8 bow plates dented and rivets started. Leaking slightly in forepeak.

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:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Glasgow

Collision Latitude: 49 ° 00 ' " N

Destination: Baltimore

Collision Longitude: 043 ° 00 ' " 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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