



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: George W. Elder	Prime Mover: Steam
Flag: USA	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers: 1
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Passenger / Cargo	Service Speed: 10
Owner: Pacific Coast Steamship Co.	Stern Form:
Registered Country: USA	Steel Grade: Unknown
Year of Manufacture: 1874	Miscellaneous Vessel Notes:
Bow Shape: Unknown	
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length: 76.2	Gross: 1710
Beam: 11.6	Net: 1225
Depth: 6.4	Dead: 1400

Collision Details

Date: 01-Sep-1890	
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: 5	
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: Hole	Size - Length (m): 1
Location: Bow	Size - Height (m): 1
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 berg, mostly submerged, at half speed in Glacier Bay, Alaska.

Damage Description:

Jagged hole in port bow, 3' by 3' (1 by 1 m) and in 20 minutes 12 feet of water were found in the hold. Immediately beached to avoid sinking and patched. Arrived Victoria September 9.

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: Growler

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Alaskan Waters

Origin: Alaska

Collision Latitude: 58 ° 30 ' " N

Destination: Victoria

Collision Longitude: 135 ° 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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