



National Research
Council
Canada

Conseil National de
Recherches
Canada

Institute for Ocean
Technology

Institut des Technologies
Océaniques

Ship-Iceberg Collision Incident Report



Page 1 of 3

Vessel Characteristics

Name: Arizona	Prime Mover: Steam
Flag: UK	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW): 895
Lloyd's Class: Unknown	# Propellers: 1
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Passenger	Service Speed: 15
Owner: Guion Line	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture: 1979	Miscellaneous Vessel Notes:
Bow Shape: Unknown	Iron steam barque. 1903 renamed USS "Hancock". Scrapped in 1927.
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length: 137.2	Gross: 5147
Beam: 13.8	Net: 2928
Depth: 10.9	Dead: 5007

Collision Details

Date: 07-Nov-1879	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Poor	Wind Speed:
Visibility - Fog: Fog	Wave Height:
Visibility - Snow: Unknown	Sea State: Calm
Visibility - Light: Night	
Collision Speed: 14	
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: Crushed	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: 5	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Hit a monstrous berg 60' - 70' (~20 m) high, 500' (150 m) wide at base with three pinnacles in dark and foggy conditions at 15.5 mph, after ordering hard a'starboard and reversing engines, 241 miles E of St. John's. This iceberg had been sighted by the "Anchoria" of the Anchor Line but did not warn the "Arizona" when they passed each other 12 hours before.

Damage Description:

Bows driven in 20' (6 m) but collision bulkhead held. No water beyond first compartment. Headed for St. John's for repairs, at first astern, where 200 tons of wedged ice were removed from the bows. Fitted with wooden bows and returned to UK for repairs. No serious injuries amongst the 509 passengers and crew but many were thrown at impact. No lookout posted at the time and the captain later found negligent.

Ice Details

Ice Briefing Received: Unknown

Iceberg Population:

IIP Iceberg Number:

Sea Ice Concentration:

Position of Nearest Known Iceberg:

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



Ship-Iceberg Collision Incident Report



Page 3 of 3

Iceberg Shape: Pinnacle

Latitude: 0 ' " N

Iceberg Size: Medium

Longitude: 0 ' " W

Length: 150

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: New York

Collision Latitude: 47 ° 00 ' " N

Destination: Liverpool

Collision Longitude: 045 ° 00 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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

