



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: Harp	Prime Mover: Medium Speed Dies
Flag: Canada	Transmission: Geared
ASPPR Ice Class: Unknown	Power (kW): 561
Lloyd's Class: Unknown	# Propellers: 2
Baltic Class: Unknown	Prop. Type: Controllable Pitch (CP)
Vessel Type: Cutter	Service Speed: 12
Owner: Canada Government	Stern Form:
Registered Country: Canada	Steel Grade: Unknown
Year of Manufacture: 1986	Miscellaneous Vessel Notes:
Bow Shape: Unknown	Ice Strengthened
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length: 24.5	Gross: 179
Beam: 7.6	Net: 69
Depth: 3.6	Dead: 53

Collision Details

Date: 20-Jun-1997	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Limited	Wind Speed:
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: Night	
Collision Speed: 10	
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: Unknown	Steel Failure Type: Unknown
Severity: Denting	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: 0	
No. Injuries:	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Struck bergy bit while transiting Notre Dame Bay. Several icebergs of different sizes the closest one observed being a small one less than 6 nm (11 kms) from collision site a week before.

Damage Description:

Small dent in port bow shell plating

Ice Details

Ice Briefing Received: Unknown

Iceberg Population: 5

IIP Iceberg Number: 1663

Sea Ice Concentration: 0

Position of Nearest Known Iceberg:

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Iceberg Shape: Unknown

Latitude: 49 ° 42 ' 00 " N

Iceberg Size: Bergy bit

Longitude: 054 ° 34 ' 00 " W

Length:

Date of Observation: 12-Jun-1997

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Strait of Belle Isle and

Origin:

Collision Latitude: 49 ° 47 ' 30 " N

Destination: Bonavista

Collision Longitude: 054 ° 36 ' 36 " W

Distance:

Locale Accuracy: Known

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m): 2.5

Captain's Experience: Unknown

Radar Equipped?: Yes

Radar Details:

Decca Racal Bridgemaster II - Sband

Decca Racal Bridgemaster II - Xband

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