



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: Gull Arrow	Prime Mover: BNW
Flag: Bahamas	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW): 8243
Lloyd's Class: Unknown	# Propellers: 1
Baltic Class: Unknown	Prop. Type: Fixed Pitch (FP)
Vessel Type: General Cargo	Service Speed: 14
Owner: Gearbulk Shipowning Ltd.	Stern Form:
Registered Country: Japan	Steel Grade: Unknown
Year of Manufacture: 1982	Miscellaneous Vessel Notes:
Bow Shape: Unknown	Built as "Honda" and renamed in 1991.
Stem Angle:	
Dimensions (m):	Mass (tonnes):
Length: 182	Gross: 25846
Beam: 29	Net: 11543
Depth: 16.1	Dead: 38787

Collision Details

Date: 20-May-1998

Visibility (nautical miles):

Visibility: Unknown

Visibility - Fog: Unknown

Visibility - Snow: Unknown

Visibility - Light: Unknown

Collision Speed:

Air Temperature:

Water Temperature:

Wind Speed:

Wave Height:

Sea State: Unknown

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: Unknown

Steel Failure Type: Unknown

Severity: Cracks

Size - Length (m):

Location: Bow and tanks

Size - Height (m):

Code: Plate

Damage Below WL (m):

Length of Downtime: 2 days

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:

After passing through ice, water was found in forward tank.

Damage Description:

Cracks and dents were caused by ice.

Ice Details

Ice Briefing Received: Unknown

Iceberg Population: 3

IIP Iceberg Number:

Sea Ice Concentration: 3

Position of Nearest Known Iceberg:

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Iceberg Shape: Unknown

Latitude: 49 ° 48 ' " N

Iceberg Size: Unknown

Longitude: 054 ° 44 ' " W

Length:

Date of Observation: 17-May-1998

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Grand Banks

Origin: Antwerp

Collision Latitude: 49 ° 34 ' " N

Destination: Botwood and Port Alfred

Collision Longitude: 054 ° 28 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: Bricks

Voyage:

Displacement:

Draft FWD (m): 11.61

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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