



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: Canadian Bulker	Prime Mover: Medium Speed Dies
Flag: Panama	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW): 8050
Lloyd's Class: 100A1	# Propellers:
Baltic Class: Unknown	Prop. Type: Fixed Pitch (FP)
Vessel Type: Bulk Carrier	Service Speed: 15
Owner: Candian Bulker Navigation (Panama) S.A.	Stern Form:
Registered Country: Netherlands	Steel Grade: Unknown
Year of Manufacture: 1966	Miscellaneous Vessel Notes:
Bow Shape: Bulbous	ex. Synetos ('81)
Stem Angle:	ex. Rijn ('75)
	--Stiffened for ore cargoes
Dimensions (m):	Mass (tonnes):
Length: 183.9	Gross: 19923
Beam: 25.71	Net: 11756
Depth: 15.2	Dead: 33399

Collision Details

Date: 16-Jun-1982	Air Temperature: 7
Visibility (nautical miles): 7	Water Temperature:
Visibility: Limited	Wind Speed: 8.5
Visibility - Fog: Clear	Wave Height:
Visibility - Snow: Clear	Sea State: Slight
Visibility - Light: Night	

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. : 261
Scenario: Direct Impact	Steel Failure Type: Unknown
Severity: Large hole	Size - Length (m):
Location: Bow and tanks	Size - Height (m):
Code: Hole	Damage Below WL (m):
Length of Downtime: 13 days to tempora	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: Yes	
Pollution: Yes	Pollution Potential: Yes

Cause of Damage:

Collided with a 650,000 tonne medium-sized iceberg in the North Atlantic at 0218 hours in a very dark night. The supply vessel "Ravenstrum" had tried to inform them by radio that an iceberg was only 6 miles away but received no reply. Iceberg measured 60' (~17 m) high and was not detected visually or by radar, and master unaware of International Ice Patrol warnings. This was probably IIP Iceberg #366 which was observed 2.5

Damage Description:

Crushed bow and proceeded to St. John's for repairs. The vessel suffered extensive damage to the bow section including the port lower deep tank which contained some 70 long tons of fuel oil. This tank was damaged spilling some oil into the sea causing minor pollution. After temporary repairs in St. John's vessel departed for a European port for full repairs.

Ice Details

Ice Briefing Received: None

Iceberg Population: 4

IIP Iceberg Number: 366

Sea Ice Concentration: 0

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: Dome

Latitude: 47 ° 30 ' 00 " N

Iceberg Size: Medium

Longitude: 049 ° 16 ' 01 " W

Length: 148

Date of Observation: 15-Jun-1982

Width: 121

Iceberg Tonnage: 650000

Route Details

Geographic Area: Grand Banks

Origin: Tilbury, England

Collision Latitude: 47 ° 29 ' " N

Destination: St. Lawrence Seaway, Canada

Collision Longitude: 049 ° 19 ' 05 " W

Distance:

Locale Accuracy: Known

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m): 3.1

Captain's Experience: Medium

Radar Equipped?: Yes

Radar Details:

Raytheon Ray Nav 6000 USA Loran-C

JRC Japan JMA 149A-24

Decca D-202

Kyoritsu, Japan M1-125

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

