



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: Overseas Ohio	Prime Mover: Diesel Electric
Flag: United States	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW): 18021
Lloyd's Class: Unknown	# Propellers: 1
Baltic Class: Unknown	Prop. Type: Fixed Pitch (FP)
Vessel Type: Tanker	Service Speed: 16
Owner: Second Shipmor Associates	Stern Form:
Registered Country: USA	Steel Grade: Unknown
Year of Manufacture: 1977	Miscellaneous Vessel Notes:
Bow Shape: Bulbous	The bulbous bow was constructed of 20 mm steel plate, welded to 50 mm cross-beams with 610 mm spacing. Renamed "S/R Hinchinbrook" 2000.
Stem Angle:	
Dimensions (m):	
Length: 272	Gross: 46100
Beam: 32.2	Net: 35279
Depth: 19.66	Dead: 92017

Collision Details

Date: 02-Jan-1994	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



Ship-Iceberg Collision Incident Report



Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Striking concealed growler/ber	Steel Failure Type: Ductile
Severity: Cracks	Size - Length (m): 6
Location: Hull and tanks	Size - Height (m): 6
Code: Plate	Damage Below WL (m): 6
Length of Downtime: 1 month (for hull an	Damage Above WL - Height (m):
Cost of Downtime:	Damage Above WL - Length (m):
Cost to Repair: 1000000	
No. Lives Lost: 0	
No. Injuries: 0	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Yes

Cause of Damage:

Vessel struck an iceberg at 0520 hours which was low in the water on the starboard side. Vessel struck iceberg while in ballast about five miles west of Bligh Island in Prince William Sound.

Damage Description:

Bow ruptured and ballast tank holed. Cost to repair was at least \$1,000,000 US.

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: Unknown

Latitude: 0 ° ' " N

Iceberg Size: Bergy bit

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage: 4000

Route Details

Geographic Area: Alaskan Waters

Origin: United States

Collision Latitude: 60 ° 45 ' " N

Destination: Valdez, Alaska

Collision Longitude: 147 ° 30 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: 220000 bbls water ballast

Voyage:

Displacement:

Draft FWD (m): 14.9

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

