



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: Pandalus | Prime Mover: Diesel |
| Flag: Canada | Transmission: Unknown |
| ASPPR Ice Class: Unknown | Power (kW): 745 |
| Lloyd's Class: Unknown | # Propellers: 1 |
| Baltic Class: Unknown | Prop. Type: Controllable Pitch (CP) |
| Vessel Type: Fishing | Service Speed: 11 |
| Owner: Pandalus Nordique Limitee, Lameque, NB | Stern Form: |
| Registered Country: UK | Steel Grade: Unknown |
| Year of Manufacture: 1950 | <u>Miscellaneous Vessel Notes:</u> |
| Bow Shape: Unknown | "Block" freezer trawler of steel construction and riveted hull, rebuilt in Norway in 1965 and was not strengthened for ice. ex. Koralem ('80) ex. Southern Angler ('65) |
| Stem Angle: | |
| <u>Dimensions (m):</u> | |
| Length: 45.26 | <u>Mass (tonnes):</u> |
| Beam: 8.41 | Gross: 616 |
| Depth: 4.8 | Net: 337 |
| | Dead: |

Collision Details

| | |
|-------------------------------------|----------------------------|
| Date: 16-Jun-1985 | Air Temperature: |
| Visibility (nautical miles): | Water Temperature: |
| Visibility: Good | Wind Speed: |
| Visibility - Fog: Clear | Wave Height: |
| Visibility - Snow: Clear | Sea State: Calm |
| Visibility - Light: Daylight | |
| Collision Speed: 8 | |
| 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. : 401 |
| Scenario: Striking concealed growler/ber | Steel Failure Type: Unknown |
| Severity: Sinking | Size - Length (m): |
| Location: Midship | Size - Height (m): |
| Code: Hole | Damage Below WL (m): |
| Length of Downtime: | Damage Above WL - Height (m): |
| Cost of Downtime: | Damage Above WL - Length (m): |
| Cost to Repair: 1600000 | |
| No. Lives Lost: 0 | |
| No. Injuries: 0 | Cause of Deaths/Injuries: Unknown |
| Cargo Loss: Unknown | |
| Pollution: Unknown | Pollution Potential: Unknown |

Cause of Damage:

In loose ice, ship turned starboard, struck ice on port side in way of No.3 hold, possibly multi-year ice at 1735 pm ASDT.

Damage Description:

The vessel started flooding immediately and took a port list of 10°-15°. All efforts to correct the list failed. The "BCM Atlantic" (see 18 March 2001 for her fate) responded immediately to distress call and evacuated the crew. At 2320 hours ADST the vessel sank bow first.

Ice Details

Ice Briefing Received: Unknown

Iceberg Population:

IIP Iceberg Number:

Sea Ice Concentration:

Position of Nearest Known Iceberg:

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Iceberg Shape: Unknown

Latitude: 0 ' " N

Iceberg Size: Multi-Year

Longitude: 0 ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Strait of Belle Isle and

Origin: St. John's, Newfoundland

Collision Latitude: 53 ° 07 ' " N

Destination: Fishing zones 3K to 2J off eastern

Collision Longitude: 052 ° 15 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event: 235 tons (general)

Voyage:

Displacement:

Draft FWD (m): 4

Captain's Experience: High

Radar Equipped?: Unknown

Radar Details:

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