



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: Ivory Star | Prime Mover: Oil Engine |
| Flag: Singapore | Transmission: Unknown |
| ASPPR Ice Class: Unknown | Power (kW): 9320 |
| Lloyd's Class: Unknown | # Propellers: |
| Baltic Class: Unknown | Prop. Type: Unknown |
| Vessel Type: Bulk Carrier | Service Speed: |
| Owner: Ivory Shipping Co. Ltd. | Stern Form: |
| Registered Country: | Steel Grade: Unknown |
| Year of Manufacture: 1963 | Miscellaneous Vessel Notes: |
| Bow Shape: Unknown | ex. Jarosa (^72) |
| Stem Angle: | |
| Dimensions (m): | Mass (tonnes): |
| Length: 186.5 | Gross: 16321 |
| Beam: 22.8 | Net: 8964 |
| Depth: 10.8 | Dead: 24790 |

Collision Details

| | |
|--------------------------------------|----------------------------|
| Date: 01-Jul-1974 | Air Temperature: |
| Visibility (nautical miles): | Water Temperature: |
| Visibility: Limited | Wind Speed: |
| Visibility - Fog: Unknown | Wave Height: |
| Visibility - Snow: Unknown | Sea State: Unknown |
| Visibility - Light: Low light | |
| Collision Speed: 3 | |
| 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: Direct Impact | Steel Failure Type: Unknown |
| Severity: Large hole | Size - Length (m): 10.5 |
| Location: Bow | Size - Height (m): 7.5 |
| 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: | |
| No. Lives Lost: 0 | |
| No. Injuries: 0 | Cause of Deaths/Injuries: Unknown |
| Cargo Loss: Yes | |
| Pollution: Yes | Pollution Potential: Yes |

Cause of Damage:

Vessel struck a growler or small iceberg in the western entrance of the Strait of Belle Isle at 0440 hours from Montreal, probably, to Germany with \$40,000 grain. Lat - lon estimated.

Damage Description:

Extensive bow damage to the vessel, some 35 feet (~10.5 m) across and 25 feet (~7.5 m) high. Rammed an iceberg at the mouth of the Strait of Belle Isle; lost both anchors; 24,790 deadweight ton vessel; 36 crew members).
“.. trying to make up for lost time by rounding the northern tip of Newfoundland when she struck ice near the mouth of Strait of Belle Isle at 4 a.m. Monday. The ship and her \$40,000 grain cargo had previously run

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: Small

Longitude: 0 ° ' " W

Length:

Date of Observation:

Width:

Iceberg Tonnage:

Route Details

Geographic Area: Strait of Belle Isle and

Origin: Montreal

Collision Latitude: 51 ° 25 ' " N

Destination: Germany

Collision Longitude: 057 ° 00 ' " W

Distance:

Locale Accuracy: Estimated

Cargo at Event: 700,000 bushels of mixed grain
supposedly worth about \$40,000

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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