



National Research  
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Institute for Ocean  
Technology

Institut des Technologies  
Océaniques

## Ship-Iceberg Collision Incident Report



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### Vessel Characteristics

|                                     |   |
|-------------------------------------|---|
| <b>Name:</b> Acadienne Gale         | <b>Prime Mover:</b> Diesel  |
| <b>Flag:</b> Canada                 | <b>Transmission:</b> Unknown  |
| <b>ASPPR Ice Class:</b> Unknown     | <b>Power (kW):</b> 1103   |
| <b>Lloyd's Class:</b> Unknown       | <b># Propellers:</b> 1  |
| <b>Baltic Class:</b> Unknown        | <b>Prop. Type:</b> Fixed Pitch (FP)   |
| <b>Vessel Type:</b> Fishing trawler | <b>Service Speed:</b>   |
| <b>Owner:</b> Nova Scotia Ltd.      | <b>Stern Form:</b>  |
| <b>Registered Country:</b> Denmark  | <b>Steel Grade:</b> Unknown   |
| <b>Year of Manufacture:</b> 1980    | <b>Miscellaneous Vessel Notes:</b>  |
| <b>Bow Shape:</b> Unknown           | Normo 4 SA 8-cyl<br>Built as "K'lpork'Al".<br>Renamed "Killit" 1994.<br>Renamed "Acadenne Gale" 1994.<br>Renamed "Arktika" 2001 |
| <b>Stem Angle:</b>                  |   |
| <b>Dimensions (m):</b>              |   |
| <b>Length:</b> 47.2                 | <b>Gross:</b> 748   |
| <b>Beam:</b> 9.5                    | <b>Net:</b> 224   |
| <b>Depth:</b> 6.55                  | <b>Dead:</b> 450  |

### Collision Details

|   |  |
|---|--|
| <b>Date:</b> 01-Apr-1997  | <b>Air Temperature:</b>  |
| <b>Visibility (nautical miles):</b>   | <b>Water Temperature:</b>  |
| <b>Visibility:</b> Unknown  | <b>Wind Speed:</b>   |
| <b>Visibility - Fog:</b> Unknown  | <b>Wave Height:</b>  |
| <b>Visibility - Snow:</b> Unknown   | <b>Sea State:</b> Unknown  |
| <b>Visibility - Light:</b> Unknown  |  |
| <b>Collision Speed:</b>   |  |
| Kerwin Place<br>P.O. Box 12093<br>St. John's, Newfoundland<br>A1B 3T5<br>Fax:(709) 772-2462 | Place Kerwin<br>C.P. 12093<br>St. John's, Terre-Neuve<br>A1B 3T5<br>Télécopieur:(709) 772-2462 |



## Damage Details

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|                              |  |
|------------------------------|--|
| <b>Damage Sustained:</b> Yes | <b>Damage Report No. :</b>               |
| <b>Scenario:</b> Unknown     | <b>Steel Failure Type:</b> Unknown       |
| <b>Severity:</b> Large hole  | <b>Size - Length (m):</b>                |
| <b>Location:</b> Stern       | <b>Size - Height (m):</b>                |
| <b>Code:</b> Hole            | <b>Damage Below WL (m):</b>              |
| <b>Length of Downtime:</b>   | <b>Damage Above WL - Height (m):</b>     |
| <b>Cost of Downtime:</b>     | <b>Damage Above WL - Length (m):</b>     |
| <b>Cost to Repair:</b>       |  |
| <b>No. Lives Lost:</b> 0     |  |
| <b>No. Injuries:</b> 0       | <b>Cause of Deaths/Injuries:</b> Unknown |
| <b>Cargo Loss:</b> Unknown   |  |
| <b>Pollution:</b> Unknown    | <b>Pollution Potential:</b> Unknown      |

### Cause of Damage:

Vessel struck on starboard quarter by large piece 80 miles NNE of Belle Island. Area outside normal limits of IIP.

### Damage Description:

Sustained 1 meter square hole in steering compartment. Arrived Argentina April 6.

## Ice Details

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**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:** Unknown

**Longitude:** 0 ° ' " W

**Length:**

**Date of Observation:**

**Width:**

**Iceberg Tonnage:**

## Route Details

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**Geographic Area:** Strait of Belle Isle and

**Origin:** Argentina

**Collision Latitude:** 53 ° 11 ' " N

**Destination:** Labrador Sea

**Collision Longitude:** 054 ° 26 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:** fishing trawler

**Voyage:**

**Displacement:** 748

**Draft FWD (m):** 4.3

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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