



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

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Mai                     | <b>Prime Mover:</b> Sail                      |
| <b>Flag:</b>                         | <b>Transmission:</b> Unknown                  |
| <b>ASPPR Ice Class:</b> Unknown      | <b>Power (kW):</b>                            |
| <b>Lloyd's Class:</b> 1A             | <b># Propellers:</b>                          |
| <b>Baltic Class:</b> Unknown         | <b>Prop. Type:</b> Unknown                    |
| <b>Vessel Type:</b> Sailing Vessel   | <b>Service Speed:</b>                         |
| <b>Owner:</b> E. Danielson & Company | <b>Stern Form:</b>                            |
| <b>Registered Country:</b> Norway    | <b>Steel Grade:</b> Unknown                   |
| <b>Year of Manufacture:</b> 1866     | <b><u>Miscellaneous Vessel Notes:</u></b>     |
| <b>Bow Shape:</b> Unknown            | Barque. Listed by Lloyd's Register as a brig. |
| <b>Stem Angle:</b>                   |   |
| <b><u>Dimensions (m):</u></b>        | <b><u>Mass (tonnes):</u></b>                  |
| <b>Length:</b> 34.9                  | <b>Gross:</b> 291                             |
| <b>Beam:</b> 8.3                     | <b>Net:</b> 278                               |
| <b>Depth:</b> 3.9                    | <b>Dead:</b>                                  |

### Collision Details

|                                     |                            |
|-------------------------------------|----------------------------|
| <b>Date:</b> 10-Jun-1874            | <b>Air Temperature:</b>    |
| <b>Visibility (nautical miles):</b> | <b>Water Temperature:</b>  |
| <b>Visibility:</b> Poor             | <b>Wind Speed:</b>         |
| <b>Visibility - Fog:</b> Thick fog  | <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                        | 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

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|                                |  |
|--------------------------------|--|
| <b>Damage Sustained:</b> Yes   | <b>Damage Report No. :</b>               |
| <b>Scenario:</b> Direct Impact | <b>Steel Failure Type:</b> Unknown       |
| <b>Severity:</b> Cracks        | <b>Size - Length (m):</b>                |
| <b>Location:</b> Bow           | <b>Size - Height (m):</b>                |
| <b>Code:</b> Appendage         | <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>         |  |
| <b>No. Injuries:</b>           | <b>Cause of Deaths/Injuries:</b> Unknown |
| <b>Cargo Loss:</b> Unknown     |  |
| <b>Pollution:</b> Unknown      | <b>Pollution Potential:</b> Unknown      |

### Cause of Damage:

Hit a berg in thick fog on the Grand Banks.

### Damage Description:

Broke bowsprit, cutwater, figurehead, mast and jib-boom and all sails attached.

## 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:** Grand Banks

**Origin:** Hamburg

**Collision Latitude:** 44 ° 41 ' " N

**Destination:** New York

**Collision Longitude:** 049 ° 00 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:**

**Voyage:**

**Displacement:**

**Draft FWD (m):**

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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