



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> Magdalena (II)	<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> Unknown	<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> Bruusgaard Kjoesterud & Company	<b>Stern Form:</b>
<b>Registered Country:</b> Canada	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1872	<b>Miscellaneous Vessel Notes:</b>
<b>Bow Shape:</b> Unknown	Norwegian Barque.
<b>Stem Angle:</b>	
<b>Dimensions (m):</b>	<b>Mass (tonnes):</b>
<b>Length:</b> 53.9	<b>Gross:</b> 868
<b>Beam:</b> 10.7	<b>Net:</b> 823
<b>Depth:</b> 6.4	<b>Dead:</b> 783

### Collision Details

<b>Date:</b> 15-Apr-1890	<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> Night	
<b>Collision Speed:</b>	
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



## Damage Details

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**Damage Sustained:** Yes

**Damage Report No. :**

**Scenario:** Direct Impact

**Steel Failure Type:** Unknown

**Severity:** Abandoned

**Size - Length (m):**

**Location:** Unknown

**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:**

**No. Lives Lost:**

**No. Injuries:**

**Cause of Deaths/Injuries:** Unknown

**Cargo Loss:** Unknown

**Pollution:** Unknown

**Pollution Potential:** Unknown

**Cause of Damage:**

Hit a berg at 10:30 p.m. in the North Atlantic.

**Damage Description:**

Badly damaged and abandoned next day. Crew picked up by the SS "Umbria".

## 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:** New York

**Collision Latitude:** 43 ° 50 ' " N

**Destination:** Liverpool

**Collision Longitude:** 039 ° 37 ' " 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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