



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> Emrys	<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> D. Richards & Company	<b>Stern Form:</b>
<b>Registered Country:</b> United Kingdom	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1893	

**Bow Shape:** Unknown  
**Stem Angle:**

<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>	
<b>Length:</b>	30.8	<b>Gross:</b>	163
<b>Beam:</b>	7.2	<b>Net:</b>	142
<b>Depth:</b>	3.5	<b>Dead:</b>	164

**Miscellaneous Vessel Notes:**

Carnarvon schooner. Listed by Lloyd's as a 3 mast schooner.

### Collision Details

<b>Date:</b> 22-May-1896	
<b>Visibility (nautical miles):</b>	<b>Air Temperature:</b>
<b>Visibility:</b> Poor	<b>Water Temperature:</b>
<b>Visibility - Fog:</b> Unknown	<b>Wind Speed:</b>
<b>Visibility - Snow:</b> Unknown	<b>Wave Height:</b>
<b>Visibility - Light:</b> Night	<b>Sea State:</b> Unknown

**Collision Speed:**

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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<b>Damage Sustained:</b> Yes	<b>Damage Report No. :</b>
<b>Scenario:</b> Direct Impact	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Puncture	<b>Size - Length (m):</b>
<b>Location:</b> Bow	<b>Size - Height (m):</b>
<b>Code:</b> Plate	<b>Damage Below WL (m):</b>
<b>Length of Downtime:</b> 7 weeks	<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:

Struck an iceberg at 11:30 pm in thick weather near the Brandies, Cape St. Francis.

### Damage Description:

BADLY DAMAGED - The Carnarvon schooner Emrys, Capt. GRIFFITHS, had a narrow escape from total loss on Friday, 22nd inst. The schr. left Cadiz for this port on the 20th April and arrived at Aquaforte on the 14th May. On Friday last at 1 p.m., she struck on the Brandies; Cape St. Francis, the presence of so much ice making it impossible to avoid the rocks. There was very little sea, and she held aground for about 2 hours, all the moveables being shifted to raise the vessel's head. She floated off and received no great damage. At

## 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:** Cadiz

**Collision Latitude:** 47 ° 50 ' " N

**Destination:** Harbour Grace

**Collision Longitude:** 052 ° 48 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:** Salt

**Voyage:**

**Displacement:**

**Draft FWD (m):**

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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