



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> Farenco	<b>Prime Mover:</b> BNW
<b>Flag:</b> Hong Kong	<b>Transmission:</b> Unknown
<b>ASPPR Ice Class:</b> Unknown	<b>Power (kW):</b> 14300
<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> Bulk Carrier	<b>Service Speed:</b>
<b>Owner:</b> Forenco	<b>Stern Form:</b>
<b>Registered Country:</b> China	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1995	<b>Miscellaneous Vessel Notes:</b>
<b>Bow Shape:</b> Bulbous	Renamed "CIC Hope" 2000
<b>Stem Angle:</b>	Renamed "Anella" 2003
<b>Dimensions (m):</b>	
<b>Length:</b> 270	<b>Gross:</b> 79694
<b>Beam:</b> 44	<b>Net:</b> 48904
<b>Depth:</b> 24	<b>Dead:</b> 149735

### Collision Details

<b>Date:</b> 10-May-1999	<b>Air Temperature:</b> 7
<b>Visibility (nautical miles):</b>	<b>Water Temperature:</b> 5
<b>Visibility:</b> Overcast	<b>Wind Speed:</b> 20
<b>Visibility - Fog:</b> Unknown	<b>Wave Height:</b>
<b>Visibility - Snow:</b> Unknown	<b>Sea State:</b> Moderate
<b>Visibility - Light:</b> Low light	
<b>Collision Speed:</b> 14	

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## 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> 15
<b>Location:</b> Bow	<b>Size - Height (m):</b> 9
<b>Code:</b> Plate	<b>Damage Below WL (m):</b>
<b>Length of Downtime:</b> 2 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 iceberg to the E of Belle Isle. Unclear whether sea ice was observed. Struck a growler in the Strait of Belle Isle en route for Sept Iles, Quebec. Left Amsterdam 4 May 1999 passing through Straits of Dover next day. TSB gives collision date as 10 May to east of Belle Isle. Lloyd's List gives collision date as 14 May inside Straits of Belle Isle. Arrived Port Cartier sometime before reaching Sept Iles on 19 May. Collision

### Damage Description:

Forepeak extensively damaged, holed and cracked with some structural failure. A 50 by 30 foot (15 by 9 m) section of bulbous bow plate had to be renewed, as well as extensive internal repairs. 45,400 kgs of steel used in a two week repair at the Mount Royal Walsh yard ([www.mrw-group.com](http://www.mrw-group.com)).

## Ice Details

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**Ice Briefing Received:** Unknown

**Iceberg Population:**

**IIP Iceberg Number:**

**Sea Ice Concentration:** 0

**Position of Nearest Known Iceberg:**

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**Iceberg Shape:** Unknown

**Latitude:** 0 ° ' " N

**Iceberg Size:** Growler

**Longitude:** 0 ° ' " W

**Length:**

**Date of Observation:**

**Width:**

**Iceberg Tonnage:**

## Route Details

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**Geographic Area:** Grand Banks

**Origin:** Amsterdam

**Collision Latitude:** 52 ° 48 ' " N

**Destination:** Port Cartier

**Collision Longitude:** 047 ° 57 ' 30 " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:**

**Voyage:**

**Displacement:**

**Draft FWD (m):** 17.52

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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