



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> Eirini L.	<b>Prime Mover:</b> BNW	
<b>Flag:</b> Greece	<b>Transmission:</b> Unknown	
<b>ASPPR Ice Class:</b> Unknown	<b>Power (kW):</b> 16033	
<b>Lloyd's Class:</b> 100A1	<b># Propellers:</b> 1	
<b>Baltic Class:</b> Unknown	<b>Prop. Type:</b> Fixed Pitch (FP)	
<b>Vessel Type:</b> Ore / Bulk / Oil Carrier, Tanker	<b>Service Speed:</b> 12	
<b>Owner:</b> ElseaFarers Inc.	<b>Stern Form:</b>	
<b>Registered Country:</b> Korea	<b>Steel Grade:</b> Unknown	
<b>Year of Manufacture:</b> 1982	<b>Miscellaneous Vessel Notes:</b>	
<b>Bow Shape:</b> Bulbous	Built as "Cast Bluewhale". Renamed "Venture" 1984. Renamed "Taifung" 1985. Renamed "Eirini L." 1987. Renamed "Eirini" 2001.	
<b>Stem Angle:</b>		
<b>Dimensions (m):</b>		<b>Mass (tonnes):</b>
<b>Length:</b> 281.1		<b>Gross:</b> 90747
<b>Beam:</b> 50	<b>Net:</b> 43837	
<b>Depth:</b> 22.31	<b>Dead:</b> 149640	

### Collision Details

<b>Date:</b> 04-May-1994	<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	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> Unknown	<b>Steel Failure Type:</b> Unknown
<b>Severity:</b> Small puncture	<b>Size - Length (m):</b> 0.3
<b>Location:</b> Bow	<b>Size - Height (m):</b> 0.3
<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>	<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 ice (likely a growler). A number of icebergs observed in area, one 9 miles from locality on April 28 and one 15 miles on May 5.

### Damage Description:

Sustained a 30 cm hole in port bow plate of bulbous bow. Temporary repairs performed at Mongstad.

## Ice Details

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**Ice Briefing Received:** Unknown

**Iceberg Population:** 8

**IIP Iceberg Number:** 544

**Sea Ice Concentration:** 0

**Position of Nearest Known Iceberg:**

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**Iceberg Shape:** Unknown

**Latitude:** 44 ° 49 ' 48 " N

**Iceberg Size:** Growler

**Longitude:** 049 ° 22 ' 05 " W

**Length:**

**Date of Observation:** 28-Apr-1994

**Width:**

**Iceberg Tonnage:**

## Route Details

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**Geographic Area:** Grand Banks

**Origin:** Quebec

**Collision Latitude:** 44 ° 44 ' " N

**Destination:** Norway

**Collision Longitude:** 049 ° 12 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:**

**Voyage:**

**Displacement:**

**Draft FWD (m):** 15.3

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

Unknown

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