



National Research  
Council  
Canada

Conseil National de  
Recherches  
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Institute for Ocean  
Technology

Institut des Technologies  
Océaniques

## Ship-Iceberg Collision Incident Report



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### Vessel Characteristics

<b>Name:</b> Omikronventure L.	<b>Prime Mover:</b> Unknown
<b>Flag:</b> Greece	<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> Ore / Bulk / Oil Carrier, Tanker	<b>Service Speed:</b>
<b>Owner:</b> Bella Maritime Corp. / Ceres Hellenic Shipping	<b>Stern Form:</b>
<b>Registered Country:</b> Poland	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1987	

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

<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>	
<b>Length:</b>	250	<b>Gross:</b>	59850
<b>Beam:</b>	41.6	<b>Net:</b>	31108
<b>Depth:</b>	20	<b>Dead:</b>	97179

**Miscellaneous Vessel Notes:**

Built as "Berge Gdansk".  
Renamed "Arrow Gdansk" 1987.  
Renamed "Omikronventure L." 1988.  
Renamed "Glenbuck" 2000.

### Collision Details

<b>Date:</b> 28-Apr-1993	
<b>Visibility (nautical miles):</b>	<b>Air Temperature:</b>
<b>Visibility:</b> Good	<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> Low light	<b>Sea State:</b> Moderate

**Collision Speed:**

Kerwin Place  
P.O. Box 12093  
St. John's, Newfoundland  
A1B 3T5  
Fax:(709) 772-2462

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## 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> Cracks	<b>Size - Length (m):</b> 7
<b>Location:</b> Bow and tanks	<b>Size - Height (m):</b> 3
<b>Code:</b> Plate	<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> 0	<b>Cause of Deaths/Injuries:</b> Unknown
<b>Cargo Loss:</b> No	
<b>Pollution:</b> No	<b>Pollution Potential:</b> Yes

### Cause of Damage:

Struck a growler in an area of sea ice and icebergs in evening twilight at 2125Z. Had good ice warnings.

### Damage Description:

Vessel sustained crack in her forepeak tank and No. 1 starboard ballast tank, flooding both. Cargo tanks intact. Crack temporarily patched and made watertight by crew and vessel continued voyage to New York down by the head. Damage was later found to be a 1" (2.5 cm) horizontal crack 3' (0.9 m) long below the waterline just aft of the forecastle. A 7 by 3 meter hole was also found on the port side of the forepeak tank just below the waterline.

## Ice Details

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**Ice Briefing Received:** Ice Reports Receive

**Iceberg Population:** 10

**IIP Iceberg Number:** 2256

**Sea Ice Concentration:** 5

**Position of Nearest Known Iceberg:**

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**Iceberg Shape:** Unknown

**Latitude:** 47 ° 47 ' 06 " N

**Iceberg Size:** Growler

**Longitude:** 048 ° 01 ' 41 " W

**Length:**

**Date of Observation:** 28-Apr-1993

**Width:**

**Iceberg Tonnage:**

## Route Details

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**Geographic Area:** Grand Banks

**Origin:** Mongstad, Norway

**Collision Latitude:** 47 ° 50 ' " N

**Destination:** New York

**Collision Longitude:** 048 ° 21 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:** 600000 barrels of crude oil

**Voyage:**

**Displacement:**

**Draft FWD (m):** 14.52

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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