



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> Lucien Paquin	<b>Prime Mover:</b> Diesel	
<b>Flag:</b> Canada	<b>Transmission:</b> Geared	
<b>ASPPR Ice Class:</b> Type B	<b>Power (kW):</b> 6562	
<b>Lloyd's Class:</b> 100A1	<b># Propellers:</b> 1	
<b>Baltic Class:</b> Unknown	<b>Prop. Type:</b> Controllable Pitch (CP)	
<b>Vessel Type:</b> General Cargo	<b>Service Speed:</b> 17	
<b>Owner:</b> Logistec Corp. Inc.	<b>Stern Form:</b>	
<b>Registered Country:</b> Sweden	<b>Steel Grade:</b> Unknown	
<b>Year of Manufacture:</b> 1969	<b>Miscellaneous Vessel Notes:</b>	
<b>Bow Shape:</b> Unknown	Built as "Boreland (II) 1979 renamed "Sunemerillon" 1982 renamed "Mesange" 1985 renamed "Lucien Paquin" 2001 renamed "Igen Ice" Ice Class 1 LMC UMS Stenghtened for heavy cargoes	
<b>Stem Angle:</b>		
<b>Dimensions (m):</b>		<b>Mass (tonnes):</b>
<b>Length:</b> 135.45		<b>Gross:</b> 10034
<b>Beam:</b> 21.52		<b>Net:</b> 7005
<b>Depth:</b> 11.7	<b>Dead:</b> 12802	

### Collision Details

<b>Date:</b> 20-Aug-1998	<b>Air Temperature:</b>
<b>Visibility (nautical miles):</b>	<b>Water Temperature:</b>
<b>Visibility:</b> Poor	<b>Wind Speed:</b>
<b>Visibility - Fog:</b> Fog	<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> Unknown	<b>Size - Length (m):</b>
<b>Location:</b> Unknown	<b>Size - Height (m):</b>
<b>Code:</b> Unknown	<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>	
<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:

Vessel sustained ice damage in Davis Strait while proceeding in dense fog in an area of multi-year ice and icebergs. Ice chart indicates patches of old ice.

### Damage Description:

Minor but unknown.

## 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: Labrador Sea and Davi

Origin:

Collision Latitude: 68 ° 46 ' " N

Destination:

Collision Longitude: 063 ° 03 ' " W

Distance:

Locale Accuracy: Known

Cargo at Event:

### Voyage:

Displacement:

Draft FWD (m): 9.52

Captain's Experience: Unknown

Radar Equipped?: Unknown

### Radar Details:

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