



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> Vanguard	<b>Prime Mover:</b> Diesel
<b>Flag:</b> United States	<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> Fishing	<b>Service Speed:</b>
<b>Owner:</b> Larry Gray	<b>Stern Form:</b>
<b>Registered Country:</b>	<b>Steel Grade:</b> Unknown
<b>Year of Manufacture:</b> 1925	<b><u>Miscellaneous Vessel Notes:</u></b>
<b>Bow Shape:</b> Unknown	Valdez purse seiner
<b>Stem Angle:</b>	
<b><u>Dimensions (m):</u></b>	<b><u>Mass (tonnes):</u></b>
<b>Length:</b> 20	<b>Gross:</b> 62
<b>Beam:</b>	<b>Net:</b>
<b>Depth:</b>	<b>Dead:</b>

### Collision Details

<b>Date:</b> 26-Jul-2001	<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 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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**Damage Sustained:** Unknown

**Damage Report No. :**

**Scenario:** Direct Impact

**Steel Failure Type:** Unknown

**Severity:** Sinking

**Size - Length (m):**

**Location:** Hulls

**Size - Height (m):**

**Code:** Hole

**Damage Below WL (m):**

**Length of Downtime:**

**Damage Above WL - Height (m):**

**Cost of Downtime:**

**Damage Above WL - Length (m):**

**Cost to Repair:**

**No. Lives Lost:**

**No. Injuries:**

**Cause of Deaths/Injuries:** Unknown

**Cargo Loss:** Yes

**Pollution:** Yes

**Pollution Potential:** Yes

**Cause of Damage:**

Hit a car size piece of ice half mile offshore Glacier Island about 30 miles southwest of Valdez in Prince William Sound, directly on the bow.

**Damage Description:**

Split wooden hull. Vessel quickly flooded and sank in under two minutes in 250' (76 m) of water. 2,000 gallons of diesel, 500 gallons of gasoline and 60 gallons of oil on board leaking slowly and spreading to 3 miles by 50'.

## 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:** Alaskan Waters

**Origin:**

**Collision Latitude:** 60 ° 54 ' " N

**Destination:**

**Collision Longitude:** 147 ° 17 ' " W

**Distance:**

**Locale Accuracy:** Known

**Cargo at Event:** 2000 gallons of marine diesel, 500 gallons of gasoline, 60 gallons of lubrication oil.

**Voyage:**

**Displacement:**

**Draft FWD (m):**

**Captain's Experience:** Unknown

**Radar Equipped?:** Unknown

**Radar Details:**

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