



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

Name: K-279	Prime Mover: Unknown
Flag: Russia	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Unknown	Service Speed: 25
Owner: USSR	Stern Form:
Registered Country: USSR	Steel Grade: Unknown
Year of Manufacture: 1972	

Bow Shape: Unknown
Stem Angle:

Dimensions (m):		Mass (tonnes):	
Length:	139	Gross:	10500
Beam:	12	Net:	
Depth:	9	Dead:	

Miscellaneous Vessel Notes:

Delta 1 667B Murena nuclear submarine
Scrapped 1998

Collision Details

Date: 01-Jan-1984	
Visibility (nautical miles):	Air Temperature:
Visibility: Unknown	Water Temperature:
Visibility - Fog: Unknown	Wind Speed:
Visibility - Snow: Unknown	Wave Height:
Visibility - Light: Unknown	Sea State: Unknown

Collision Speed:

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P.O. Box 12093
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A1B 3T5
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Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Glancing Blow	Steel Failure Type: Unknown
Severity: Puncture	Size - Length (m):
Location: Hulls	Size - Height (m):
Code: Plate	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: 0	
No. Injuries:	Cause of Deaths/Injuries: Unknown
Cargo Loss: Unknown	
Pollution: Unknown	Pollution Potential: Unknown

Cause of Damage:

Collided with an iceberg at speed while at a submerged depth of 190 meters. Locality unknown except where there are sizable icebergs, this one probably in the order of 30 meters high. Zone of patrol in the Greenland and Barents Seas.

Damage Description:

Substantial impact which could have had serious consequences but damage appears to be minor and limited to a hole in the outer surface of the bow, but apparently in 1984 the submarine was laid up with a steam generator leak.

Rear-admiral Fedorin: "I will remember one episode all my life. In 1983, being at the depth of 190 meters, the 279 atomic submarine (project 667B) hit the iceberg. The submarine speed reduced. the sub lied over up to

Ice Details

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

Geographic Area: Greenland Sea

Origin:

Collision Latitude: 71 ° ' " N

Destination: Patrol

Collision Longitude: 010 ° ' " W

Distance:

Locale Accuracy: Unknown

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m):

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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