

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	y: USSR		Steel Grade: Unknown
Year of Manufactur	e:	1972	Miscellaneous Vessel Notes:
Bow Shape: Unk	nown		Delta 1 667B Murena nuclear submarine
Stem Angle:			Scrapped 1998
<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>	
Length:	139	Gross:	10500
Beam:	12	Net:	
Depth:	9	Dead:	

Collision Details

Date: 01-Jan-1984			
Visibility (nautical miles):		Air Temperature:	
Visibility: Unknown		WaterTemperature:	
Visibility - Fog: Unknown		Wind Speed:	
Visibility - Snow: Unknown		WaveHeight:	
Visibility - Light: Unknown		Sea State: Unknown	
Collision Speed: 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		Canadä

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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 suberged depth of 190 meters. Locality unkown 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 apparantly 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, й-279 atomic submarine (project 667B) hit the ice-berg. The submarine speed reduced, the sub lied over up to

IIP Iceberg Number:

Position of Nearest Known Iceberg:

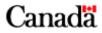
Ice Details

Ice Briefing Received: Unknown

Iceberg Population:

Sea Ice Concentration:

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Iceberg Shape: Unknown Iceberg Size: Unknown Length: Width: Iceberg Tonnage: Page 3 of 3 ° ' " N

Longitude: ° ' " W

Date of Observation:

Latitude:

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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