



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: Tireless	Prime Mover: Unknown
Flag: UK	Transmission: Unknown
ASPPR Ice Class: Unknown	Power (kW):
Lloyd's Class: Unknown	# Propellers:
Baltic Class: Unknown	Prop. Type: Unknown
Vessel Type: Unknown	Service Speed: 30
Owner: Royal Navy	Stern Form:
Registered Country: UK	Steel Grade: Unknown
Year of Manufacture: 1985	Miscellaneous Vessel Notes:

Bow Shape: Unknown
Stem Angle:

<u>Dimensions (m):</u>		<u>Mass (tonnes):</u>	
Length:	85.4	Gross:	5200
Beam:	9.8	Net:	
Depth:	9.5	Dead:	

Trafalgar class nuclear submarine.

Collision Details

Date: 25-May-2003	Air Temperature:
Visibility (nautical miles):	Water Temperature:
Visibility: Unknown	Wind Speed:
Visibility - Fog: Unknown	Wave Height:
Visibility - Snow: Unknown	Sea State: Unknown
Visibility - Light: 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
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Damage Details

Damage Sustained: Yes	Damage Report No. :
Scenario: Glancing Blow	Steel Failure Type: Unknown
Severity: Cracks	Size - Length (m):
Location: Hull and tanks	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:

Apparantly struck a "free floating object" while submerged within the Arctic circle - presumed at the time to be an iceberg. Accident location unknown and likely the Greenland Sea.

Damage Description:

Ballast tank damaged and returned to Faslane, Scotland for damage assessment and which navy later claimed as minor.

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: UK

Collision Latitude: 70 ° 00 ' " N

Destination: Arctic

Collision Longitude: 010 ° ' " W

Distance:

Locale Accuracy: Unknown

Cargo at Event:

Voyage:

Displacement:

Draft FWD (m): 9.5

Captain's Experience: Unknown

Radar Equipped?: Unknown

Radar Details:

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