

Rpt. 9

Date of writing report

Survey held at BELFAST

Received London

No. of visits 2

Port BELFAST

First date 5-5-59

Last date 19-5-59

No. 16640

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 54945 Name S.S. "BROOKMOUNT" Gross tons 1452 Date of build 9-1927

Owners BELFAST MERSEY & MANCHESTER S.S. CO. LTD Managers Port of Registry BELFAST

Engines made 1927 By D & W HENDERSON & CO. LTD Type STEAM RECIP

No. of Main Engines ONE No. of Screws ONE

No. of Main Boilers 2 SB. W.P. 185 lb

No. of Aux./Donkey Boilers 1 W.P. 100 lb

Surveyed Afloat or in Dry Dock AFLOAT

Nature of Survey D.B.S.

Was Damage Report issued? Int. Cert.? YES

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
B.S.X	5-58	M.B.S.X	5-58
S.S. Bel	5-58	B.S.	5-58
	4-54	D.B.S.	6-58
		T.S. CL	6-56
		S.P.S.	6-56

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable under the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft/Tubeshaft been drawn? Date of Examination Has Shaft been changed?

Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved oil gland?

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides Side Centre

4 Crankpins & Bearings Side Centre

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel so far as now seen, is in a safe working condition, eligible in my opinion to remain as now classed and have a fresh record of D.B.S. 5-59.

THURSDAY 4 JUN 1959

Date of Committee

Decision

30m, 5, 54. T.

Noted for Header

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Lloyd's Register Foundation

002471-002476-0068

32 Essential Independent Pumps (Identify by position).....

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....

35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....

38 Independent Air Compressors, Coolers & Safety Devices.....

39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....

41 Oil Fuel Tanks (Not forming part of hull structure).....

42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....

44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

PROPULSION		ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
		PORT	STARBOARD		
a	Generators.....			l	Generators & Governors.....
b	Exciters.....				
c	Air Coolers.....			m	Motors.....
d	Motors.....				
e	Air Coolers.....			n	Switchboards & Fittings.....
f	Control Gear, Cables, etc.....			o	Circuit Breakers.....
g	Insulation Resistance.....			p	Cables.....
h	Insulating Oil Test.....			q	Insulation Resistance.....
i	Overspeed Governors.....			r	Steering Gear Generators and Motors.....
j	Magnetic Couplings.....			s	Navigation Light Indicators.....
k	Air Gap.....				

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN..... ~~10-10-59~~ DONKEY..... 5-5-59 Good

Superheaters..... Good

Safety Valves..... Good

Mountings, Doors & Fastenings..... 100lb Good

Safety Valves Adjusted to { Sat..... Good

{ Spt..... Good

Boiler Securing Arrangements.....

Main Economisers..... Exhaust Gas Heated Economisers.....

Steam Heated Steam Generators..... Steam Generator Safety Valves Adjusted to.....

Were Oil Burning System & Remote Controls examined working in accordance with Rules?..... Forced Circulating Pumps.....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel..... Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main..... Auxiliary (over 3 in. bore).....

Were Copper Pipes annealed?..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested?.....

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

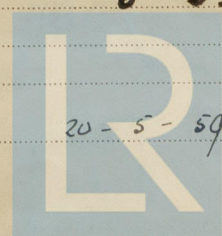
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Survey fees D.B.S. £ 7-0-0

Damage fee ...

Expenses... 6-0-

Date when A/c rendered 20-5-59



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D.B.S. due 6/59, not held.

It is submitted that this vessel is eligible for THE RECORD. D.B.S. 5/59.

17/5
1/6/59