

Rpt. 9

Date of writing report 17.8.60.

Received London

Port Liverpool

No. 154802

Survey held at Liverpool

No. of visits 2

First date 15/8/60

Last date 17.8.60.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 54900 Name M.V. "BRITANNIC" Gross tons 27778 Date of build 1930.

Owners Cunard S.S. Co. Ltd. Managers - Port of Registry Liverpool

Engines made 1930. By Harland & Wolff Ltd. Type 2 Oil Engines 4DA. ea. 10Cy.

No. of Main Engines 2 No. of Screws 2

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Donkey Boilers 2 W.P. 150.

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey C.S.

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

154802

LIV.

Hull	Machinery
+100Al. with fbd. 12,59.	+LMC. CS. 5,56.
After DTF - veg. oil.	BS(d) 1,60.
S.S. (Dr) 1,56.	TS.CL.(P) 12,57.
	(S) 1,60.
	S.P.S. 5,56.

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 until 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.

No

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

- 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 Nos. 5 & 6 - Good
- 2 Valves & Gears Nos. 5 & 6 - Good
- 3 Connecting Rods, Top Ends & Guides Side Centre
- 4 Crankpins & Bearings Side Centre
- 5 Journals & Bearings Nos. 1 & 4 - Good
- 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, as far as now seen, is eligible in my opinion, to remain as classed, with fresh record of C.S. (with date) on completion, subject as previously recommended.

Date of Committee

LIVERPOOL 6 SEP 1960

Decision

As now subject

50m,4,59 (MADE AND PRINTED IN ENGLAND)

Noted for Header



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J. Bowman's Register
Engineer Surveyors to Lloyd's Register of Shipping
J. Bowman

J. Findlay

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If certificate is required state where to be sent.

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 Star. Fore & Aft Starting air - Good 40 Auxiliary No. 13 blast air - Good

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) Starbd. Inner Air Compressor - Aft air compressor cylinders, piston, connecting rod, top and bottom ends and crankpin - Good

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

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

MAIN..... AUXILIARY, DONKEY or PRESS.....

Superheaters.....

Safety Valves.....

Mountings, Doors & Fastenings.....

Safety Valves Adjusted to { Sat.....
Spt.....

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.....

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)

LEAVE THIS SPACE BLANK

Noted
C.S. returned
Submitted on 14.9.60
14.9.60
Preservation dated 23.8.60

Survey fees ... *CS £10-0-0*

Damage fee ...

Expenses ...

5/-

Date when A/c rendered ... **- 1 SEP 1960**



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