

Rpt. 9

Date of writing report 9/10/57.

Received London

Port LONDON

No. 136624

Survey held at LONDON

No. of visits 2

First date 2/10/57

Last date 7/10/57

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 28158 Name S.S. "SHILLONG" Gross tons 8934 Date of build 3-1949

Owners P. & O. Stm. Nav. Co. Managers Port of Registry LONDON

Engines made 1949 By Vickers-Armstrongs, Ltd. Type Geared turbines

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 W.P. 585 lb. 535 lb. Spt.

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey CS & repairs

Was Damage Report issued? - Int. Cert.? Yes

Last Report (For Head Office only)

Hull		Machinery	
100A1 with fbd.	4-57	ALMC. CS.	3-54
Carrying oil F.P.		MBS.	1-56
SS. Rot.	4-53	DBS.	1-57
		TS. CL.	2-55
		Fitted for O.F.	3-49

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.

Now

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

Yes

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 Good

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 ship, as now seen, is in safe working order & eligible in my opinion to remain as classed with fresh record of CONTINUOUS SURVEY OF ENGINES (with date) when the survey has been completed.

FRIDAY 15 NOV 1957

Date of Committee

Decision

60m, 6.56. T. (MADE AND PRINTED IN ENGLAND.)

J.B.B.

005453-005461-0011

Noted for Header

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 Lloyd's Register Foundation
 Engineer Surveyor to Lloyd's Register of Shipping
 R. J. DUNN.

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) Outboard Auxiliary Feed Pump - good.

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	
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.....		
j 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. Starboard 585 lb./sq. " good.

{ 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)

Owners' representative states the Continuous Survey of Engines will be completed at the same time as the hull special survey i.e., on vessel's return to U.K., in approximately 3 months' time.

Repairs: At Owners' request witnessed re-adjustment of saturated safety valve of the Starboard W.T. Boiler following overhaul due to leakage experienced during previous voyage.

C.S. Advanced.
It is submitted that this
vessel is eligible to remain
as CLASSED.

JK

LEAVE THIS SPACE BLANK

6 NOV 1957

Survey fees CS. \$5.0.0d.
Re-adjustment of S.V's. 3.0.0d.

Damage fee ... -
Expenses... 7/-

Date when A/c rendered.....

