

Rpt. 9

Date of writing report 9.12.57.

Received London

Port LIVERPOOL

No.

148224

Survey held at BIRKENHEAD

No. of visits 3

First date 2.12.57.

Last date 6.12.57.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 15108 Name S.S. "JAMES H. BEAZLEY"

Gross tons 459 Date of build 1921 9

Owners Mersey Docks & Harbour Board

Managers

Port of Registry Liverpool

Engines made 1921 By Philip & Son Ltd.

Type T 3Cy

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 1SB W.P. 180

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey S.R.L. Repairs.

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

Last Report (For Head Office only)

Hull	Machinery
*100A1. 8,57.	*LMC. 10,54.
S.S.(Dr) 10,46.	BS. 10,56.
Liv. 10,54.	TS.CL. 8,57.
	S.p.S. 9,54.

ND

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.

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, { Side.....
Top Ends & Guides { Centre.....
4 Crankpins & { Side.....
Bearings { 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 as now seen is in my opinion eligible to remain as classed with fresh record of M.B.S. 7, 57, as previously recommended and without restriction regarding six defective tubes in the main boiler centre nest.

LIVERPOOL

17 DEC 1957

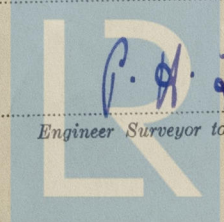
Date of Committee

Decision

As now, without spe condn

MBS 7.57

40m,4,57. T. (MADE AND PRINTED IN ENGLAND.)



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Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

002838-002845-0105

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).....
.....
.....

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
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 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)
S. R. L. ITEM. " Six defective tubes in the boiler centre nest to be renewed by 10 - 57"

NOW DONE.

The Six defective tubes removed and the tube plate in way of above built up with E.W. The plate examined prior to and after fitting the tubes and finally on completion of repair under steam. The tubes now fitted were from Lloyds tested stock, and it is submitted as recommended over that this item may now be deleted.

LEAVE THIS SPACE BLANK

Survey fees ...

S.R.L.Repairs. £ 6-6-0

Damage fee ...

Expenses... ..

Date when A/c rendered.....



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23 DEC 1957
S. R. L. ITEM
The Six defective tubes removed and the tube plate in way of above built up with E.W. The plate examined prior to and after fitting the tubes and finally on completion of repair under steam. The tubes now fitted were from Lloyds tested stock, and it is submitted as recommended over that this item may now be deleted.