

B.C. CLASS.

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

Date of writing Report... 30. 5. 1949 When handed in at Local Office... 30. 5. 1949 Part of London

No. in Reg. Book. Survey held at London Date First Survey 4.5.49 Last Survey 14.5.1949 Port of London

53305. on the Machinery of the ~~Wood, Iron or Steel~~ Steamship "BALANTIA." (No. of Visits..... FIVE)

Tonnage { Gross 7235 Vessel built at Baltimore Md. By whom Bethlehem Shipbuilding Inc. Year. 1911 Month. 5
Net 4423

Engines made at Stamilton Ohio By whom General Mach Corp. When 44 5

No. of Main Boilers 2. Owners *Royal Mail Lines Ltd.* (Donkey)
No. of Donkey Boilers ✓ Owners' Address

Steam Pressure _____
in Main Boilers 240
in Donkey Boilers _____
If Surveyed Afloat or in Dry Dock _____
Managers _____
(If not already recorded in Appendix to Register Book.)
Port LONDON Voyage _____

Particulars of Classification (which must be inserted
precisely as in Register Book & Supplements).

Particulars of Examination and Repairs (if any) *L 6*

and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which stated) should be separated from Repairs due to other causes.

summarised at the end of the report. State also the dates and initials of any letters respecting this case.....

services for this purpose, and why they were declined.

as a damage report made by anyone else? If so, by whom? _____ ✓

" " Donkey " " yes.

not, state for what reasons _____ ✓

What parts of the Boilers could not be thus thoroughly examined _____ 7

Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? thoroughly examined? Name

State latest date of internal examination of each boiler Feb 11 5 12 St 11 ✓

1 the Surveyor examine the Safety Valves of the Main Boilers? Yes. Present condition of funnel(s) Good.

the Surveyor examine the Safety Valves of the Donkey Boilers? ✓ To what pressure were they afterwards adjusted under steam? 225/lbs/p.

the Surveyor examine the drain plugs of the Main Boilers? yes. _____, and of the Donkey Boilers? ✓

the Surveyor examine all the mountings of the Main Boilers? Yes., and of the Donkey Boilers? ✓

The screw shaft now been drawn and examined? ☒ Has it a continuous liner? ☒ Is an approved oil retaining appliance fitted at the screw shaft now been changed? ☒ Is an approved oil retaining appliance fitted at the screw shaft? ☒ and of the Donkey Boilers? ☒

Has the shaft now fitted been previously used? ☒ Has it a continuous liner? ☒

Is electric light and/or power fitted? yes If so, did the Surveyor examine the generators, motors, switches, etc. State the wear down in the

Engine parts, when referred to by numbers, should be counted yes

Completed.

Low Done. The Port and Starboard Main Boilers, together with Superheaters and Mountings were completely opened out six

The Safety Valves were subsequently adjusted to the limit.

The oil fuel installation and C.O₂ fire extinguishing system was examined under working condition.

...ing divisions and found in order.

Main Engine:- The following items were opened out and examined:-

A.P. & L.P. Valve Chest and Valves. Thrust Shaft and Blk. 9 ft

Shafting and Plummer Blocks. Main Condensers, cleaned and tested. Holding down

...of course no form necessary.

General Observations, Opinion, and Recommendation:— *The Machinery of this vessel* (continued Page 2)

to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, MS 9.11 & MS 9.11 & LMC 9.11 or LMC 140 lb., FD. &c.)

and fresh record of Survey S.S. as ~~thoroughly~~ ^{in my opinion} to remain as Classed

very recommended and B.S. 5/49.

Fee (per Section 29) PART 35 £ 27.00 Fees applied for

Damage or Repair Fee (if any) \$ _____ 19 _____

ng expenses (if chargeable) _____

Received by me, _____ 19 _____

J.B. Smail

Committee's Minute _____

ed _____ MBS 5,49-1

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S.S. "BALANTIA"

Auxiliary machinery: The following items were opened out and examined:-

W^os 1, 2 & 3 Generator Engines. Inboard Feed Pump. Evaporator.

Inboard and Outboard Ballast and S.S. Pumps. Oil Fuel Transfer Pump.

Port and Starboard O.F. Unit Pumps. M.E. Air Pump. Main Circulating Pump.

M.E. Bilge and Sanitary Pumps. Fan Engine. Feed Heater. Feed Filter.

Aux. Condensing Unit, complete with Condenser and Pumps. Steering Engine.

The Pumping Arrangements were examined, valves opened out, system tested under working conditions.

The entire electrical system was megger tested, faults found and corrected.

Repairs: (Wear and Tear)

W^o2 Generator Engine: Cylinder rebored, new piston and rings fitted. New valve lines and valve fitted. Inboard Feed Pump: new piston rings fitted. Bucket rod skimmed, new neck bush and gland. S.V. valves overhauled. Evaporator: Spare coils fitted. Original coils annealed, tested to 225 lbs/p.s.i.

Outboard Ballast Pump: Ridge ground off bucket line and new rings fitted. Inboard Ballast Pump: new bucket rings fitted.

Sanitary Pump: new piston and bucket rings fitted. Oil Fuel Unit Pumps (2) new piston rings fitted. S.V. Valves overhauled.

Main Circulating Pump: new impeller shaft and sleeves fitted. Fan Engine: new piston rings, new valve and spindle fitted.

Aux Condenser Pumps: new bucket rings fitted.

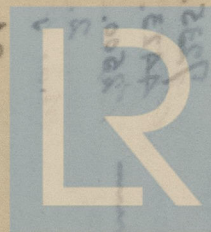
Steering Engine: all bearings re-fitted, clearances adjusted.

J.B. Smail

SS party held previously,
now completed.

It is submitted that this
vessel is eligible for THE
RECORD. MBS 5.68
BLR. S. 5.68.

L. 4
12/7/88



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Foundation