Rpt. 9.

No. 6056

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office DEC 1 1939)

Date of writing Report 20. 10. 1939 When handed in at Local Office 20. 10. 1939 Port of Bombay

No. in Book. Survey held at Bombay Date, First Survey 12. 9. 39 Last Survey 14. 10. 1939 (No. of Visits 8)

7119 on the Machinery of the ~~Iron or~~ Steel T.S.S. "JUNA".

Tonnage { Gross 2190 / Net 905

Nominal Horse Power 469

No. of Main Boilers 3

No. of Donkey Boilers ✓

Steam Pressure— Main Boilers 215 lbs

Donkey Boilers ✓

Vessel built at Newcastle By whom Swan, Hunter & Wigham Richardson Ld. When 1927-6

Engines made at Newcastle By whom Swan Hunter & Wigham Richardson Ld. When 1927

Boilers, when made (Main) (Donkey)

Owners British India S.N. Co., Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port London Voyage Government Service.

Surveyed Afloat and or in Dry Dock Hughes Drydock (State name of Dock.)

Last Report No. Port

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

CHARACTER. ✠ for Special Survey Date of last Survey and of Periodical Surveys.	Letter assigned now retained.	Machinery and Boiler Surveys (including date of N.B., if any)
✠ 100 A1 - 9'38 With fuel bunk S.S. Coal. No. 2 - '35		✠ LMC - 9'35
		BS - 9'38
FITTED FOR OIL FUEL F.P. ABOVE 150°F 6.27		TS CL - Pr. 9'36 S 9'38

Particulars of Examination and Repairs (if any) L.M.C

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and guides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he has offered his services for this purpose, and why they were declined ✓

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

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes.

" " Donkey " " " ✓

If this was not done, state for what reasons? ✓

Did what parts of the Boilers could not be thus thoroughly examined? ✓

What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

The latest date of internal examination of each boiler 13/9; 19/9 & 27/9/39. Present condition of funnel(s) Good.

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes. To what pressure were they afterwards adjusted under steam? 215 lbs □"

Did the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? Not removed, and of the Donkey Boilers? ✓

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

Has the screw shaft now been drawn and examined? Port only Is it fitted with continuous liner? Yes. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Has the shaft now been changed? No If so, state reasons ✓

Is the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

The date of examination of Screw Shaft 27/9/39 State the distance between lignum vitæ ~~or bearing metal~~ of stern bush and top of after bearing of screw shaft P. Gland ft. S = 5/32"

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light ~~main power~~ fitted? Yes.

If, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes.

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes.

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete.

Vessel in drydock. Examined propellers, stern bush ends & outside stern gs & found all in efficient condition. Port screw shaft (CL) drawn in & found in efficient condition. Bush unwooded. Cylinders, pistons & valves; crank thrust & intermediate shafting, condensers pumps & their connections of both engines; the sea, bilge & overboard discharge valves & their connections & the auxiliaries & their connections opened up & examined throughout. Found or made good. Condensers tested & made tight. The electrical installation examined throughout and tested in accordance with the Rules & wiring & connections made good P.T.O.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is in efficient condition & is eligible in my opinion to remain to be classed with Lloyd's records of ✠LMC - 10,39 & T.S. P. (CL) 9,39.

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, E.&M.S. 9,11, ✠ L.M.C. 9,11, or ✠LMC CS 3,34, 140 lb., F.D., &c.)

Survey Fee (per Section 29) Rs 480/-

Additional Damage or Repair Fee (if any) £ :

(per Section 29) Sunday fee - Rs 48/-

Travelling expenses (if chargeable) Rs 18/- :

Fees applied for 20. 9. 1939

Received by me, 19

H. Southwell & E. Oxley

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE 12 DEC 1939

Signed tLmb 10.39

CERTIFICATE WRITTEN.

Insert Character of Ship and Machinery precisely as in the Register Book

Is a Certificate required? If so, to be sent to:

W48-0139

2. "Juna".

as found necessary.

The 3 main Boilers examined throughout with mountings & found in efficient condition. The steam pipes examined and tested in accordance with the Rules. Mountings overhauled. Boilers afterwards examined under steam & safety valves adjusted as above.

Repairs.

Ballast pump distribution valve box renewed, & a new pump bucket fitted. Remaining machinery generally overhauled & adjusted & minor repairs effected.

H. P. Southwell

E. Oxley (per H.P.S.)

NB held.
Minor repairs

It is submitted that
this vessel is eligible for
THE RECORD. to June 10 39
Part 9.39

8/8/39