Rpt. 9.

No. 10889

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

(Received at London Office 25 MAR 1954)

Date of writing Report 13-2-1954 When handed in at Local Office 13-2-1954 Port of BOMBAY

No in Reg. Book. 14371 Survey held at BOMBAY Date. First Survey 19/11/53 Last Survey 21/1/1954 (No. of Visits 8)

on the Machinery of the ~~Wood, Iron or~~ Steel T.S.S. "JALADURGA"

Tonnage: Gross 3958, Net 2162

Nominal Horse Power 573

No. of Main Boilers 3

No. of Donkey Boilers -

Steam Pressure— in Main Boilers 215 lb. in Donkey Boilers -

Vessel built at Glasgow By whom Barclay Curle & Co. Ld. When (Year. Month.) 1910 - 11

Engines made at Glasgow By whom Barclay Curle & Co.Ld. When 1910

Boilers, when made (Main) 1910 (Donkey) --

Owners Scindia Steam Nav. Co. Ld. Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port Bombay Voyage

If Surveyed Afloat or in Dry Dock Merewether Dry Dock (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.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
+ 100A1 11-52		+ LMC 12-51
Shade deck		BS 9-52
ss Bom.-10-47(Dr)		TS CL P 12-51
ss Bom.-12-51		S 11-52

Particulars of Examination and Repairs (if any) BS & REPAIRS (M)

(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 besides 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 offered his services for this purpose, and why they were declined ✓

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

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

" " Donkey " " " ✓

If not, state for what reasons ✓ 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? ✓

State latest date of internal examination of each boiler 15/12/53 & 7/1/54 Present condition of funnel(s) Good

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

Did the Surveyor examine the Safety Valves of the Donkey Boilers? ✓ 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? ✓, 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? No Has it a continuous liner? ✓ Is an approved oil retaining appliance fitted at the after end? ✓

Has shaft now been changed? ✓ If so, state reasons ✓ Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓

Is an approved oil retaining appliance fitted at the after end? ✓ State date of examination of Screw Shaft ✓ State the wear down in the stern bush ✓ Is electric light and/or power fitted? ✓ If so, did the Surveyor examine the generators, motors, switchgear cables and fuses? ✓

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

Engine parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

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

NOW DONE: Vessel in dry dock; the propellers, sea fastenings and sea connections examined. All boilers and their mountings examined throughout and their safety valves adjusted under steam.

Repairs now done: A few defective plain tubes and c.c. stays in each boiler were renewed. In the Port aft boiler defective girder stays were renewed as follows:-

Starboard inboard c.c. Middle stay renewed.

Port outboard c.c. 1st Row from outboard middle and aft stays renewed.

Machinery Repairs Port L.P.piston now renewed. The bottom flange of the old piston was broken on the voyage Madras to Korea, apparently by an old 14" file having entered the cylinder by the bottom steam port and having turned on its edge.

During routine opening out of main engine cylinders now, the port M.P. cylinder cover flange was broken during turning the engine one morning as a large wooden baulk had been left standing on end on top of the piston the night before while the cover had been replaced loosely. A satisfactory repair to the cover was made.

General Observations, Opinion, and Recommendation:—

(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, BS 9,11, B&MS 9,11, ✠LMC 9,11 or ✠LMC 140 lb., FD, &c.)

CS 3,34

The machinery of this vessel is eligible to remain as classed with fresh record of B.S. 1.54.

Subject

Survey Fee (per Section 23) B.S. Rs. 480/- Dkg. Rs. 70/- (Blr.&Mach) Rs. 200/-

Special ~~Damage or~~ Repair Fee (if any) £ : :

(per Section 23.)

Travelling expenses (if chargeable) Rs. 64/-

Fees applied for 13-2-1954

Received by me, 19

Committee's Minute THURSDAY 25 MAR 1954

Assigned Deferred ~~As now Subject~~ Subt. BS 1,54

Engineer Surveyor to Lloyd's Register of Shipping.

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

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

W1637-0271

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