Rpt. 9.

No. 13223

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

(Received at London Office ..... 28 FEB 1948 .....)

Date of writing Report 22nd Dec 1947 When handed in at Local Office 22nd Dec 1947 Port of Calcutta

No. in Reg. Book. 23082 Survey held at Calcutta. Date. First Survey 22nd April Last Survey 20th December 1947 (No. of Visits 6)

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

Tonnage { Gross 5196 / Net 2558 } Vessel built at Glasgow By whom A. Stephen & Sons Ltd. When Year 1911 Month 3

Nominal Horse Power { MN. 1078 } Engines made at Glasgow By whom A. Stephen & Sons Ltd. When 1911

Boilers, when made (Main) 1911 (Donkey) 1911

No. of Main Boilers 2DB 2SB Owners' Address (If not already recorded in Appendix to Register Book.)

No. of Donkey Boilers 1 Port Glasgow Voyage

Steam Pressure in Main Boilers 200 lbs. Managers

in Donkey Boilers 100 lbs. If Surveyed Afloat ~~or in Dry Dock~~ Kidderpore 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)
~~+MAAN~~ Shade		~~[illegible]~~
deck 6-46		
SSCal 2nd No3 12.37		TSCL 6-46
~~[illegible]~~		
		P.D. Blind to be used

Particulars of Examination and Repairs (if any) + LMC.

(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 thorough examination at this time? yes

" " Donkey " " " yes.

If this was not done, state for what reasons ✓

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

Also 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 Main DE 8-5-47. Port DE + FWD Slab 8-5-47. Present condition of funnel(s) FWD P. 28-4-47. DKY. 12-5-47. ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? yes. To what pressure were they afterwards adjusted under steam? not adjusted.

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes. To what pressure were they afterwards adjusted under steam? not adjusted.

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

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? yes.

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

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 appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

State date of examination of Screw Shaft ✓ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft ✓

Is electric light and/or power fitted? ✓

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

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? ✓

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

The Machinery and boilers of the above vessel were opened up and examined. The Main propelling Machinery was found in good condition but extensive repairs were necessary to the Combustion chamber back plates + to the end plates of all main boilers, permission was obtained to sell the vessel + Machinery for scrap.

The donkey boiler was found to be in efficient condition to supply the vessel with steam for all essential purposes, such as fire fighting, pumping and lighting for the proposed tow round to Bombay where the vessel will be broken up.

The above report is for the information of the Committee.

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, B.S. 9,11, B.&M.S. 9,11, *L.M.C. 9,11, or *L.M.C. 140 lb., F.D., &c.) CS 3,34.

The above Report is for the information of the Committee.

Survey Fee (per Section 29) Port + LMC. £ 594/- Fees applied for 22-12-1947

Special Damage or Repair Fee (if any) (per Section 29) £ : :

Travelling expenses (if chargeable) £ : : Received by me, 19

A. Meston

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned See minute of 23.1.48 in Cal 12956

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

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

THACKERS PRESS AND DIRECTORIES, LTD. CALCUTTA

Submit no action be taken.

J.S.

25.2.48.