

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

(Received at London Office)

9 JUL 1952

Date of writing Report 13-6-52. When handed in at Local Office 17 JUN 1952. Port of LIVERPOOL

No. in Book. Survey held at Liverpool. Date. First Survey 2-5-52 Last Survey 4-6-1952. (No. of Visits 7)

on the Machinery of the Wood, Iron or Steel T.W. S.S. LONGFORD

Age { Gross 2090 Vessel built at Belfast By whom Harland & Wolff, Ltd. When 1906
 Net 853 Engines made at do. By whom do. When 1906
 Nominal Power 649 Boilers, when made (Main) (s) 24 (d) 20 (Donkey) -
 of Main Boilers 1D & 2S Owners British & Irish Stm. Packet Co. Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)
 of Donkey Boilers - Managers - Port Liverpool Voyage -
 Main Boilers 200 If Surveyed Afloat or in Dry Dock Boad. (State name of Dock.) Drydock Victoria

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 new or expired	Machinery and Boiler Surveys (including date of N.B., if any)
100A1 with fbd.		LMC
4,51		NB(s,b)24
ss Liv. 2nd No. 3 -		MS 6,48
4,32		NB(d,b) made 20
ss Liv. -2,49		refitted 24
		BS 5,51
		TS OG(S)5,50
		(P)3,51
		Fitted for oil fuel 2,24 etc.

Particulars of Examination and Repairs (if any) Dry, TS, BS, Mch. Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly 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.

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.

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 through examination at this time? Yes.

Did the Surveyor personally go inside each Donkey Boiler separately and make a through examination at this time? None.

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? PSE & DB 7-5-52. SSE.

What is the latest date of internal examination of each boiler? 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? 200 lbr/sq. in.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? Yes. 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 all the manholes, doors and their fastenings of the Donkey Boilers? Yes. and of the Donkey Boilers?

Has the screw shaft now been drawn and examined? Yes. Has it a continuous liner? No. Is an approved oil retaining appliance fitted at the after end? Yes.

Has the screw shaft now been changed? No. If so, state reasons. Has the shaft now fitted been previously used? No. Has it a continuous liner? No.

Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft 5-2-52. State the wear down in the stern bush 5 lbs. Is electric light and/or power fitted? Yes. If so, did the Surveyor examine the generators, motors, switchgear cables and fuses? No.

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? No.

The 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. To complete the survey the

mainly Rule Requirements to be examined. It was stated that this would be carried out before the end of December 1952.

and Done: Vessel placed in drydock, propellers, 5 screw shaft drawn, after ends of stern bushes, 6 SS sea cocks and valves with their outside fastenings examined.

All boilers examined throughout with safety valves and mountings. Safety valves adjusted steam smothering oil fuel bearing gear and extended spindles tried.

All P.M.E. cylinders pistons valves and conings. 5 crank, thrust and intermediate shafts with their bearings. P.S. circulating pumps. Pair pump, Sail pp. pumping arrangements and steering gear.

All intermediate circumferential beams of D.E.B. examined & found to remain efficient. P.S.E. B.W. outboard frames not renewed due to lack of material, specially examined and considered to remain efficient until the next BS. not to be fixed meantime.

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.)

The machinery of this vessel so far as now seen is in an efficient condition and is eligible to remain as now classed with fresh record of +LMC MS with date on completion of BS. 6-52 new, part S.E. boiler outboard frames not to be fixed pending permanent repair at next BS. and record of (S)TS OG, 5-52 new.

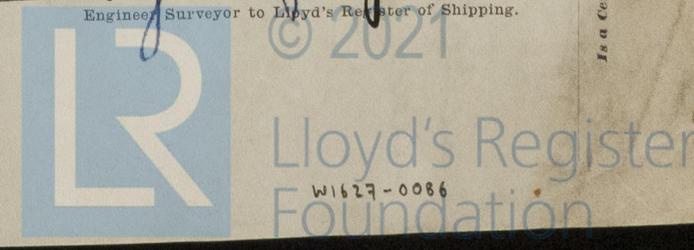
Survey Fee (per Section 23) BS. £17.00. Fees applied for 03 JUL 1952

Special Damage or Repair Fee (if any) (per Section 23.) TS. £4.00. MS. £15.00. Received by me, J. Butler, James R. Smith, J. W. White

Traveling expenses (if chargeable) £. LIVERPOOL 8 JUL 1952

Committee's Minute As now, subject

Signed B.S. 6:52 T.S.(S) 5:52.



Handwritten signature

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

Handwritten initials

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

