

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

(Received at London Office)

Date of writing Report 3. 4. 1943 When handed in at Local Office 5. 4. 1943 Port of Liverpool

No. in Survey held at Birkenhead Date. First Survey 24/3/43 Last Survey 26/3/1943  
Reg. Book. (No. of Visits 3)

on the Machinery of the Wood, Iron or Steel S.S. "FRESHMERE" Year. Month.

Tonnage { Gross 283 Vessel built at Lytham By whom Lytham T. B. & Eng. Co. Ltd When  
 Net Engines made at do By whom do When  
 Nominal Boilers, when made (Main) Lytham (Donkey) do  
 Horse Power Owners The Admiralty Owners' Address  
 No. of Main Boilers Managers Port Woolsey Voyage  
 No. of Donkey Boilers  
 Steam Pressure in Main Boilers  
 in Donkey Boilers

Last Report No. Port

Particulars of Examination and Repairs (if any) Damage Repairs.  
 (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 not required

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?

Donkey

If not, state for what reasons not due 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?

Date latest date of internal examination of each boiler Present condition of funnel Efficient

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

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?  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?  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 Afloat 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

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

At the request of the British Admiralty, visited this vessel on account of damage to the Auxiliary Feed Pump, stated to have been sustained at 3.40 PM on the 23<sup>rd</sup> March 1943 whilst on voyage from Lytham to Liverpool, cause not stated.

Now Done: -  
 Auxiliary feed pump examined and it was observed that the bucket rod was fractured at the last thread at the bottom of the taper, piston in halves, cylinder cover cracked in four places and the cylinder cover studs strained.

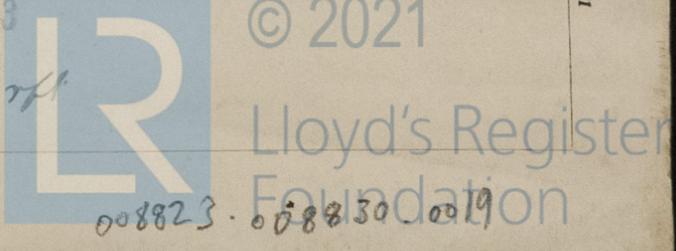
Repairs. The following parts renewed, cylinder cover and studs, piston, piston and bucket rods, crosshead, water end cover studs and shuttle valve. Pump examined under working conditions and found in good order.

General Observations, Opinion, and Recommendation: - The machinery of this vessel, where  
 (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.)  
now seen, is eligible, in my opinion, to remain as now classed.

Survey Fee (per Section 29) £ : : Fees applied for 9 APR 1943  
 Special Damage or Repair Fee (if any) £ 3 : 3 : 0 Received by me,   
 Travelling expenses (if chargeable) £ : : 19

Committee's Minute LIVERPOOL 13 APR 43  
 Assigned Transmit to London See 1/2 machy off

M. Greenhead  
 Engineer Surveyor to Lloyd's Register of Shipping.



it now, or when will it be sent?

No. of Tons. 3.44

3.20

3.45

0.09

Upper Deck for

S.W.L., Owner, 11

10m. 7.42. Transfer Ink. (MADE AND PRINTED IN GREAT BRITAIN)

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

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

Noted  
L.P.  
19/4/43.

prolonged

0.3.3

order to this work



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