

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

No. 117386

Date of writing Report *18 Feb 42* When handed in at Local Office *21 FEB 1942* (Received at London Office *4 MAR 1942*)  
 No. in Reg. Book. *2184* Survey held at *Liverpool* Port of *LIVERPOOL*  
 on the Machinery of the *Wood, Iron or Steel* Date. First Survey *Cliftonhall* Last Survey *9th Feb 1942*  
 Tonnage { Gross *5063* Vessel built at *Liverpool* By whom *M. D. & Sons Ltd.* (No. of Visits *1*)  
 Net *2968* Engines made at *Liverpool* By whom *M. D. & Sons Ltd.* Year. Month. When *1938. 5.*  
 Nominal Horse Power *449* Boilers, when made (Main) *Donkey* When *1938*  
 No. of Main Boilers *2* Owners *Ned Hartpool Ltd. Nav Co Ltd* Owners' Address *Port of Liverpool*  
 No. of Donkey Boilers *2* Managers *Donkey* (if not already recorded in Appendix to Register Book.)  
 Steam Pressure in Main Boilers *120 lb* If Surveyed Afloat or in Dry Dock *Dry Dock* Port *Port of Liverpool*  
 in Donkey Boilers *120 lb* (State name of Dock.) *Herculanum Dry Dock*

Last Report No. *✓* Port *✓*

## Particulars of Examination and Repairs (if any) *OKg.*

(Periodical Surveys, when held, must be reported in detail and verbatim 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? *✓*

" " Donkey *✓* *not due.*

If this was not done, state for what reasons *not due.*

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 *✓*

Present condition of funnel(s) *✓*

Did the Surveyor examine the Safety Valves of the Main Boiler? *✓*

To what pressure were they afterwards adjusted under steam? *✓*

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? *✓*

, 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? *✓*

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 ligum vitae or bearing metal of stern bush and top of after bearing of screw shaft *3/16*

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

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? *✓*

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

*Examined the propeller and fastenings of sea connections.*

## 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., E.D., &c.)

*The machinery of this vessel is in safe working condition and efficient in my opinion to remain as classed without fresh record of survey.*

Survey Fee (per Section 29) *£ 19* Fees applied for *19*  
 Special Damage or Repair Fee (if any) *£ :* Received by me, *19*  
 (per Section 29.)  
 Travelling expenses (if chargeable) *£ :*

Committee's Minute *LIVERPOOL*

Assigned *As now.*

*- 3 MAR 1942*

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation



12.3.42