

## Report of Survey for Repairs, &amp;c., of Engines and Boilers.

FRI. JAN. - 3. 1913

(Received at London Office)

Date of writing Report 2nd Jan 1913 When handed in at Local Office 1.1.13 Port of MIDDLESBROUGH-ON-TEES  
 No. in Reg. Book: Survey held at Middlesbrough Date, First Survey 30 Dec Last Survey 31st Dec 1912  
90 Sup on the Machinery of the Wood, Iron or Steel S.S. "SAN EDUARDO" Master Mr. King  
 Tonnage { Gross 6219 Vessel built at Newcastle By whom Swan Hunter & Wigham Richardson When 1912  
 Net 3962 Engines made at Do By whom Do When 1912  
 Registered Horse Power {  
 No. of Main Boilers Boilers, when made (Main) 1912 (Donkey) 1912  
 No. of Donkey Boilers Owners Esso Oil Transport Port North Eastern Dock Voyage  
 Steam Pressure in Main Boilers If Surveyed Afloat or in Dry Dock (State name of Dock.)  
 in Donkey Boilers

Particulars of Classification (which must be inserted precisely as in Register Book &amp; Supplements).

CHARACTER. For Special Survey. Date of last Survey and of Periodical Surveys. Year Assigned. Machinery and Boiler Surveys (including date of N.B., if any).

100A1

Class Contingent  
 carrying Petroleum  
 in Bulk.

Last Report No. Port

Particulars of Examination and Repairs (if any) Comp L MC

(Periodical Surveys, when held, must be reported in detail and serially 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? ☒Do. " Donkey " " " " ☒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? ☒

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 Boiler? ☒Did the Surveyor examine the drain plugs of the Main Boilers? ☒, and of the Donkey Boiler? ☒Did the Surveyor examine all the mountings of the Main Boilers? ☒, and of the Donkey Boiler? ☒Was screw shaft now been drawn and examined? ☒Is it fitted with continuous liner? ☒or two liners? ☒or is it without liners? ☒Has shaft now been changed? ☒If so, state reasons ☒Is the shaft now fitted new? ☒Has it a continuous liner? ☒or two liners? ☒or is it without liners? ☒State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? ☒If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? ☒

(As per Newcastle letter dated 27th December 1912)

Now Done The induced draught fan engine tried under steam and found satisfactory. Steam jet to Upcast Ventilator of Oil fuel pump room has now been fitted.

## 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. 5, 11, B. & M.S. 5, 11, or L.M.C. 5, 11, 250 lb., F.D., &c.)

The above forwarded for the information of the Committee

Survey Fee (per Section 25) £ 1 : 1 :  
 Special Damage or Repair Fee (if any) (per Section 25.) £ : :  
 Travelling Expenses (if chargeable) £ : :  
 Fees applied for  
 10  
 Received by me,  
 10

Committee's Minute

Assigned

John Robson  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.



Lloyd's Register  
 Foundation

WS89-0163