Rpt. 9.

No. 15,619.

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

(Received at London Office THUR. SEP 24 1896 CARDIFF)

Date of writing Report 23rd Sept. 1896 When handed in at Local Office ..... in Port of .....

No. in Reg. Book. 31 Survey held at Cardiff. Date, First Survey and Last Survey 22nd Sept. 1896 (No. of Visits 1)

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

Tonnage Gross 1669 Net 1093. Registered Horse Power 203. No. of Main Boilers 2. No. of Donkey Boilers ..... Steam Pressure in Main Boilers 150 lbs in Donkey Boilers 90 lbs

Vessel built at W. Hartlepool By whom W. Gray & Co When 1886 (Year) 6 (Month)

Engines made at do When 1886 Boilers, when made (Main) 1886 (Donkey) 1886

Owners Petroleum Transport & Storage Co Port London. Voyage Callao.

If Surveyed Afloat ~~or in Dry Dock~~ (State name of Dock.) East Bute.

Last Survey No. 33852 Port NWC

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).
✠ 100 A1. 3,96. S.S. Haw. No 2-94. Carrying Petroleum in bulk		✠ I.M.C. 8,94 B.& S. 8,95.

Particulars of Examination and Repairs (if any)

(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.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No.

Do. " Donkey " " " No.

If this was not done, state for what reasons? Said to have been done at Newcastle.

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? ✓

At 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? ✓

Has the propeller shaft been drawn and examined at this time? ✓

If the Survey is not complete state what arrangements have been made for its completion? ✓

In compliance with letter received from the Newcastle Surveyors, visited this vessel to see blank flanges fitted for cutting off the ordinary pumping arrangement of two ballast tanks, to be used for carrying liquid fuel; as however the vessel is going out to Callao burning ordinary fuel, those ballast tanks will be required until her arrival there; the flanges are on board, and the engineer states they will be fitted at Callao, where the oil installation will be put in use.

General Observations, Opinion, and Recommendation: This vessel's machinery appears eligible to remain as classed, without fresh record.

(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. 9,95, B.&M.S. 9,95 or ✠I.M.C. 9,95, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 27) £ ; ;

Survey Fee (per Section 28) £ ; ;

Special Damage Fee (per Section 28) £ ; ;

Travelling Expenses (if chargeable) £ ; ;

Fees applied for ..... 18..

Received by me, ... 18..

McLibun

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

*State if Certificate is required .....

Committee's Minute FRI. SEP 25 1896

Assigned as now

125

(The Surveyors are requested not to write on or below the space for Committee's Minutes.)

Has a Survey also been held on dup? No.

If so, is the Report sent now, or when will it be sent? No.

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

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

It is submitted that this vessel is eligible to remain AS CLASSED.

N.S.

24.9.96

☞ THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.