pt. 9.

No. 55563.

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

(Received at London Office FRI. 16 OCT 1908)

Date of writing Report 14-10-1908 When handed in at Local Office 15-10-1908 Port of Newcastle On Tyne

No. in Reg. Book. 200 Survey held at Newcastle Date, First Survey June 20 Last Survey 9 Oct 1908 (No. of Visits 25)

on the Machinery of the ~~Wood~~, ~~Iron or~~ Steel S.S. Urmston Grange Master F Harris — 08

Tonnage { Gross 3423 Net 2198 } Vessel built at Belfast By whom Workman Clark & Co When 1894-11 (YEAR. MONTH.)

Registered Horse Power { 327 } Engines made at D° By whom D° When 1894

No. of Main Boilers 2 Boilers, when made (Main) 1908 (Donkey) 1895

No. of Donkey Boilers 1 Owners Houlder Bros & Co Ltd Port London Voyage River Plate

Steam Pressure— in Main Boilers 180 If Surveyed Afloat or in Dry Dock Hebburn Dry Dk (State name of Dock.)

in Donkey Boilers 90

Last Survey No. Port

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, 4-08		+ I MC. 8-07.
Shar dk		
S.S. Rec. h°3. 8-07		

Particulars of Examination and Repairs (if any) New Boilers & Dry Dock Part BS-

(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? ✓ also whether any damage report was made, and, if so, by whom? ✓

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? New boilers fitted.

Do. " Donkey " " " Yes

If this was not done, state for what reasons? ✓ ✓

And what parts of the Boilers could not be thus thoroughly examined? ✓

By 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? Yes To what pressure were they afterwards adjusted under steam? 180

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 85 no more required.

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Did the Surveyor examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Did the Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

Has shaft now been changed? No If so, state reasons ✓

Is the shaft now fitted new? No Has it a continuous liner? ✓ or two liners? ✓ or is it without liners?

What is the distance between lignum vitæ of stern bush and top of after bearing of screw shaft? 1/8

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

The sea cocks & Valves examd & found satisfactory.
The H P Cylinder bored out to 24 3/16, new packing & junk ring fitted to piston.
H P & I M piston rods skimmed up & new rings & bushes fitted.
The Main steam pipe annealed & tested to 400 lb.
The old boilers have been taken out & new ones fitted in a satry manner, particulars of the new boilers are given on seperate report form.
New Main stop Valve fitted on port boiler, the old mountings examined & refitted on new main boilers
The Donkey boiler examd & put into good order about 68 Screw stays renewed.
All the Safety Valves, examd, overhauled & tested under steam.

SEE LIMITATION LIST.

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. 9,07, B.&M.S. 9,07, or ✠ L.M.C. 9,07, 140 lb., F.D., &c.)

The Machy is eligible in our opinion to remain as classed & to have fresh records + NB. 10-08 & BS. 10-08.

Survey Fee (per Section 28) £ 2 : 9 : 0
Special Damage or Repair Fee (if any) (per Section 28) £ 1 : 16 : 0
Travelling Expenses (if chargeable) £ : :

Fees applied for 15 OCT 1908
Received by me 10/11/08

11-11-08

John H Heck & J. J. Findlay
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 20 OCT 1908

Assigned + R.B. 10.08. D.B.S. 10.08

The usual limit

2 MACHINERY CERTIFICATES WRITTEN. 17.6.09

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

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

B.S. due 8.08. now held.

new main boilers fitted

Donkey boiler examd

minor repairs effected.

It is submitted that this vessel is eligible for THE RECORD. + N.B. 10.08.
A.B.S. 10.08.

It is submitted that this vessel is eligible to remain as CLASSED. Without special restrictions.

4148 A.B.S.
106 A.B.S.

JR. 16.10.08

A.R.K.
16/10/08

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 to cause it to show through to the other side.

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