

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

No. 53759

Date of writing Report *Oct. 11. 92* When handed in at Local Office *is 92* Port of *London*  
No. in Reg. Book *200* Survey held at *London* Date, First Survey *Aug 10<sup>th</sup>* Last Survey *October 7<sup>th</sup> 1892*  
on the Machinery of the *Wood, Iron or Steel* *S.S. "Widgeon"* Master *Hurst*  
Tonnage { Gross *725* Net *384* Vessel built at *Newcastle* By whom *Mitchell & Co.* When *1876* Boilers, when made (Main) *1892* (Donkey) *1892*  
Registered Horse Power *160* Engines made at *Do.* Owners *General Steam Nav. Co* Port *London* Voyage *Hartlingen*  
No. of Main Boilers *2* Steam Pressure in Main Boilers *60 lbs.* If Surveyed Afloat or in Dry Dock *Afloat in river & in Deptford Green Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

## Particulars of Examination and Repairs (if any) *S.S. No 3.*

(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 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? *New Main Boilers now fitted.*  
Do. " Donkey " " *New Donkey Boiler now fitted.*  
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? *Yes.*  
At what pressure were they afterwards adjusted under steam? *60 lbs press per sq"*  
Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes.*  
To what pressure were they afterwards adjusted? *70 lbs press per sq"*  
If the Survey is not complete state what arrangements have been made for its completion? *Survey completed.*

*Examined Cylinders, Pistons, Slide valves, condenser & pumps, crank & Tunnel shafting, all found to be in good condition; whilst the vessel was in dry dock, the propeller, stem bush & sea connections fastenings were examined, Tail shaft drawn in & examined, all in good condition. Bilge connections & roses were examined & found satisfactory. Two new main boilers & one new donkey boiler have been fitted, the safety valves of the donkey boiler were adjusted to lift at 70 lbs press per sq", & the safety valves of the Main boilers to lift at 60 lbs press per sq" as the shafting was not of sufficiently large diameter to allow of a pressure of 70 lbs per sq" for which the new boilers were designed.*

General Observations, Opinion, and Recommendation:—*The machinery of this vessel is now in good condition. In our opinion the vessel is eligible to have notification L.M.C 10. 92. & N.B. 10. 92. recorded in the Register book.*

Office or Registration Fee (per Sec. 27) £ : : Fees applied for *19/10/92*  
Survey Fee (per Section 28) £ *4 10 0* Received by me, *29/10/92*  
Special Damage Fee (per Section 28) £ : :  
Travelling Expenses (if chargeable) £ : :  
\*State if Certificate is required

Committee's Minute *TUES 1 NOV 1892*  
Assigned *L.M.C 10. 92 + N.B. 10. 92*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping. *Robt Balfour*

State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

\*Certificate to be sent to Committee's Minute.

16-1111-Form No. 9—Transfer Ink—5,000, 7/9/92.



*It is submitted that  
this result is negligible for*

*and N.B. 92.*

*Cyl.*

*19.10.92*

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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