

11725

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

2. SEP. 92

No. 11425 Date of Writing Report 30<sup>th</sup> Jul<sup>r</sup> 1892 Port of Glasgow  
 No. in Reg. Book 589 Survey held at Glasgow Date, first Survey 12<sup>th</sup> Aug<sup>r</sup> 1892 Date, last Survey 29<sup>th</sup> Jul<sup>r</sup> 1892  
 on the Machinery of the City of Cambridge Master Black No. of Visits 4  
 Tonnage Gross 3488 Net 2473 Vessel built at Belfast By whom Workegan Black & Co When 1882 Boilers, when made (Main) 1882 (Donkey) 1882  
 Registered Horse Power 609 Engines made at Glasgow Owners J. Smith & Sons Port Glasgow Voyage Calcutta  
 No. of Main Boilers Three If Surveyed Afloat or in Dry Dock Both - Afloat Class of Vessel & Machinery 100AI  
 Steam Pressure in Main Boilers 80 lbs in Donkey Boiler 50 (State name of Dock.)  
 Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) Annual Boiler  
 (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 should be separated from Repairs due to other causes. 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? Yes  
 Do. " Donkey " " " " Yes  
 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? 80 lbs  
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes  
 To what pressure were they afterwards adjusted? 50 lbs

When this vessel was in dry dock, the sea-cocks were overhauled, examined, and replaced in good condition. The propeller and fastenings were examined externally. The main boilers and mountings were examined; they are in good order throughout. The donkey boiler longitudinal stays are somewhat reduced by corrosion but are still of sufficient sectional area for the pressure carried; since last survey the following repairs have been carried out. - riveted patch over the bottom front plate, and two covering patches over bottom of shell; otherwise the boiler is in good condition generally. Steam has been raised on all the boilers, and the safety valves tested under steam to their working pressures. The cylinders, pistons, slide-valves, pumps, crank and tunnel shafting have been examined and found efficient.

General Observations, Opinion, and Recommendation:— This vessel's machinery in our opinion, is in safe working condition, and eligible to have notification in the Register Book + L.M.C. 8-92

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 30/8 1892  
 Survey Fee (per Section 28) £ 2:10 : : Received by me, R. J. B. & W. P. R.  
 Special Damage Fee (per Section 28) £ : :  
 Travelling Expenses (if chargeable) £ : :  
 \*State if Certificate is required \_\_\_\_\_

Committee's Minute TUES. 6 SEP 1892  
 Assigned + L.M.C. 8, 92

This Report also now sent on the Ship, or if not available, and when, one will be sent.  
 Certificate to be sent to...  
 The Surveyor are requested not to write on or below the space for Committee's Minute.  
 Form No. 1. - Transmitter Ink - 1892

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



