

# Report of Survey for Repairs of Engines and Boilers.

No.

No. in Reg. Book. Survey held at London

Date, first Survey Apr. 20<sup>th</sup> Last Survey May 15<sup>th</sup> 1882.

114 on the Machinery of the S. S. "Indus"

(Number of Visits 5)

Tonnage, Gross 1907

Built at Newcastle

When built 1877

Ditto, Net 1236

Owners Mercantile S. S. Co.

Port belonging to London

Diameter of Cylinder 32" x 62"

Engines made by Black & Hawthorn & Co.

When made 1877

Length of Stroke 36

Boilers made by Ditto

When made 1877

Pressure of Steam 65 lbs.

If Surveyed Afloat or in Dry Dock S. S. M.S. & Aft.  
(State name of Dock.)

Classed 100A1

Registered Horse Power 200

Last Survey No.

Port

Lloyds M.C. 12.77

Particulars of Repairs and Examination According to the requirements for  
(State cause of Repairs.) Special Survey No 1.

Vessel placed in dry dock sea connections examined & found to be in good condition. Tail shaft found to be down 1/2" in Stern bush, this has been lined up, the shaft examined & found to be in good condition. Propeller replaced. Cylinders, Slides & Valve faces examined in good condition. Air, circulating Feed & Bilge pumps. Thrust bearing has been lined up on the "go ahead" side of rings. Crank shaft examined, a flaw found in fillet of After Crank pin & fillet at base of web of Forward Engine. Recommended shaft to be lined up which has been done. All bearings in tunnel shafting relined with white metal. Boilers examined. A thin plate found at side of middle furnace of Port Boiler, this has been cut out & a riveted patch fitted, with this exception the boilers were in good condition. Safety Valves examined & found in good condition. Two new stop valves have been fitted. Safety Valves tested under steam to the working pressure of 65 lbs. per sq. in. Donkey boiler examined, Stays in crown of furnace renewed & a new Safety Valve fitted. Loaded to 50 lbs. per sq. in.

General Observations, Opinion, and Recommendation:— The machinery being now in good & safe working condition renders the vessel eligible in my opinion to be marked in the Register Book with Lloyds M.C. 5.82 provided that the Crank shaft is again examined within 6 months on acct. of the flaws as mentioned above.

Entry or Registering Fee... £ 1 : 10 :

Survey Fee (per Section 28) ... £ 4 : 4 :

Certificate (if required) ... £ : : 14/5/82

(Travelling Expenses, if any, £ )

received by me,

1882

Committee's Minute

Friday, 19th May, 1882.

Assigned

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

Geo. C. Williamson  
Ld. to Owr. 19/5/82

Lloyd's Register  
Foundation

LDN668-0178



Report of Survey for Repairs of Engines and Boilers

It is submitted that this vessel is eligible to have the notification Lloyd's M. b. 5.82 recorded subject to the crank shaft being surveyed in six months

D. G.  
16/5/82.

