

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

(Received at London Office,

FRIDAY 29 AUGUST 1884

No. 181 on the Machinery of the S. S. Iris (Number of Visits 9)
 No. in Reg. Book. 181 Survey held at London Date, first Survey 16th July Last Survey 14 Aug 1884
 Tonnage, Gross 1158 Built at London When built 1872
 Ditto, Net 760 Owners General Steam N Co Port belonging to London
 Diameter of Cylinder 46 72 Engines made by J. Watt & Co When made 1872
 Length of Stroke 30 Boilers made by 1880
 Pressure of Steam 65 If Surveyed Afloat or in Dry Dock Deptford Dock Classified 100 A1
 Registered Horse Power 200 (State name of Dock.)
 Last Survey No. 10-81 Port L.M.C. 8.80.

Particulars of Repairs and Examination

Special Survey No 3 and

(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.)

broken crank Shaft.

Examined Seacocks & connections & found them good. New lignum vitae has been fitted in the stern tube.

Examined the two main boilers and found them in a good condition. The safety valves were found to be in a good condition and set to blow at 65 lbs.

Examined the donkey boiler and found it in a good condition.

The condenser tubes have been drawn and the condenser was found to be in a good condition. It contains several patches.

The pumps were found to be in a good condition.

Examined the high & low pressure cylinder & the high pressure slides & chamber & found them good. Some of the patches have been renewed. The low pressure slide cover (but not the slide) was removed. As far as seen this chamber appears to be in a good working condition.

General Observations, Opinion, and Recommendation:—

The machinery of this vessel appears now to be in a safe working condition and is in my opinion eligible to have the notification L.M.C. 8.84 recorded in the Register Book.

(State clearly what alteration, if any, is suggested to be made in the existing notification of the vessel's machinery in the Register Book, consequent upon this survey.)

The machinery of this vessel appears now to be in a safe working condition and is in my opinion eligible to have the notification L.M.C. 8.84 recorded in the Register Book.

Survey Fee (per Section 28) £ 5 : 5 : -
 Special Damage Fee (per Section 28) £ - : - : -
 *Certificate (if required) £ - : - : -
 Travelling Expenses (if chargeable) £ - : - : -

received by me,
1 Oct 1884

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

Committee's Minute

TUESDAY 2 SEPT 1884

Assigned

L.M.C. 8.84

LON 673-0200

Lloyd's Register Foundation

441140 Lon

Examined the crankshaft and found the forward journals & crank pins good. The two aft journals were found to contain circumferential cracks of a dangerous nature. This aft half of the crankshaft has been replaced by a new one.

C.E.P.

It is submitted that this vessel is eligible to have the notification 2m 6.5.4 recorded the boilers being subject to resurvey as per Rule

D.S.

27/8/84



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