

Report of Survey for Repairs of Engines and Boilers.

No. 77 on the Machinery of the S.S. "James Joyce" (Number of Visits 2)
 Survey held at London Date, first Survey June 14th Last Survey June 17th 1881
 Tonnage, Gross 702 Built at Newcastle When built 1863
 Ditto, Net 441 Owners J. Furwick Son Port belonging to London
 Diameter of Cylinders 38" Engines made by R & W. Hawthorn When made 1873
 Length of Stroke 30" Boilers made by 1873
 Pressure of Steam 33 If Surveyed Afloat or in Dry Dock Afloat & on Pontoon (State name of Dock.)
 Registered Horse Power 90 Last Survey No. MS 979 B.S. 10.80

Particulars of Repairs and Examination Of Boilers on account of short certificate (State cause of Repairs.)

Boilers examined. Shells found to be in good condition. Furnaces found in fairly good condition, a thin place found in wake of bridge in midships furnace of Starboard Boiler a bolt with washers at each side has been fitted. ^{riveted} Two patches found in same part in furnaces of Port Boiler which appear to be sound. Two patches found at bottom of back plate in Starboard Boiler combustion chambers & appear tight. Stays found in good condition. Topmost angle iron in Starboard Boiler found much corroded, this has been renewed. Safety Valves examined & found in good condition and correctly loaded with direct weights to lift at 33 lbs per sq. in. Superheater examined, the middle plate on After side found to be thin, this has been doubled with a $\frac{3}{8}$ " plate $2\frac{1}{2}$ " long & 14" broad with five $1\frac{3}{8}$ " stays through & through. Eight stays have also been renewed when they were found to be corroded. Vessel placed on Pontoon sea connections examined and found in good condition. Propeller & its connections sound. Stern Bush worn $\frac{1}{2}$ ". Crank shaft examined the After Pin has a flaw in Forward Fillet, this pin has a $3\frac{1}{2}$ " Iron bolt through it, the flaw does not appear to have extended beyond the former marks.

General Observations, Opinion, and Recommendation:— The Boilers being now in good & safe working condition renders the vessel eligible in my opinion to remain as classed than the notification B.S. 681 recorded in the Register Book provided that the boilers are again examined in 12 mths. as per rule.

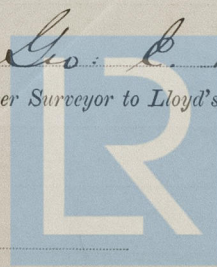
Entry or Registering Fee... £ 14/8
 Survey Fee (per Section 28) ... £ 2 : 2 received by me, G. E. Milner
 Certificate (if required) ... £ 25/4 1881
 (Travelling Expenses, if any, £)

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

Committee's Minute

Friday, July, 15th 1881.

Assigned



Lloyd's Register Foundation

101666-0243

It is submitted that this vessel is
eligible to have the notification
BS 681 recorded subject to
the border being resurveyed
in 12 months as per rule

J.M.

11/7/81



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Foundation