

Report of Survey for Repairs of Engines and Boilers.

No. 1179 on the Machinery of the S. S. Swift (Number of Visits 4)

No. in Reg. Book. 1179 Survey held at London Date, first Survey Feb. 8th Last Survey Feb. 22nd 1884

Tonnage, Gross 627 Built at Stockton When built 1875

Ditto, Net 363 Owners Gen. Stm. Nav. Co. Port belonging to London

Diameter of Cylinder 45" + 75" Engines made by J. Penn & Sons When made 1875

Length of Stroke 57 Boilers made by Do. When made 1875

Pressure of Steam 115 If Surveyed Afloat or in Dry Dock (State name of Dock.)

Registered Horse Power 160 Classified 100A1

Last Survey No. L.M.C. 2. 80. Port L.M.C. 2. 80.

Particulars of Repairs and Examination For Special Survey No 2.

Examined cylinders, the low pressure cylinder found to be cracked from top to about centre of belt, this has been repaired by a substantial wrought-iron patch & wrought iron band round flange, high pressure cylinder in good condition joint ring fitted in two pieces, Slides examd. found in good condition, the forward low pressure found to be thin in exhaust port, this had a brass patch fitted. Examined air pump found to be in good condition. Circulating pump & engine overhauled in ship. Boilers examined, the wing furnaces have had six extra screwed stays fitted in base plate of combustion chambers, & middle furnaces three extra stays in each, the boilers appear in good condition. Safety valves examined. " " " & set under steam to the working pressure of 60 lbs per sq. in. The crank shaft has not been run, the Superintendent Engineer refusing to lift the Caps & top brasses. I beg to leave the case in the hands of the Committee.

General Observations, Opinion, and Recommendation:— The survey of machinery has been completed with the exception of the examination of the crank shaft, which the Supt Engineer refuses to submit for survey. It is submitted that the Owners of the vessel be informed that the Committee cannot make any exception to the Rules as regards their class, if they desire the vessel to retain her class they must make the necessary arrangements to have the crank shaft examined.

Committee's Minute

Assigned 27/2/84

188