

X 18417

Report of Survey for Repairs of Engines and Boilers.

No. 49 Rec 14/5/77
No. in Reg. Book. 425 Survey held at Sunderland Date, first Survey April 12th Last Survey May 2nd 1877
on the Steam Ship "Flower" 601 Tons
Owners General Steam Navigation Co Port belonging to London Classed 100A1

Diameter of Cylinder 28" & 52" one of each Engines made at Sunderland When made 1875
Length of Stroke 33
Pressure of Steam 65 lbs
Nominal Horse Power 110 By whom made The North Eastern Marine Engineering Co.

Particulars of Repairs and Examination. The main boiler was taken out of the vessel, to the North Eastern Marine Engineering Co's works, and two new plates fitted in the bottom of the shell of it, in lieu of those which were cracked round the circumferential seam, and a few new rivets put in the other seams on bottom corners. I was present on April 25th when the boiler was tested by hydraulic pressure to 100 lbs, the test was satisfactory. The spring safety valves were taken to pieces and put in good working condition. The boiler fixed in its place in the vessel, and the mountings all rejointed, and a patent water heater (viz. Meier's patent Hydrokinester) fitted to the bottom of the boiler. High pressure Cylinder examined; it had been cut a little, but was now wearing smooth again. The High pressure slide valve was taken out, it was in good condition. The brasses of the connecting rods were adjusted.

I was present on May 1st when steam was raised, the engines worked, and the safety valves adjusted and tested; rings were put in between the nuts and top of the spring casings.

In my opinion, the Engines and Boilers of this vessel are in good order and safe working condition.

(Condition of Engines and Boilers, and subsequent Repairs and Examinations, to be clearly stated.)

(The Surveyors are requested not to write on or below the space for Committee's Minute).

The Amount of Fee ... £ 3 : 3 : received by me, William Allison
Certificate (if required) ... £ — : — : 187 7
(Travelling Expenses, if any, £ —) Paid in London Secy Secretary's Office 11/5/77

Committee's Minute Lloyd's 18 7

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

