

Report of Survey for Repairs of Engines and Boilers.

(Received at London Office, 8/10/81)

91
 in Survey held at Philadelphia Date, first Survey July 27 Last Survey September 21 1881
 on the Machinery of the Steamship, Vaderland (Number of Visits 6)
 Age, Gross 2748 Built at Newcastle When built 1872
 No, Net 2001 Owners Soc. anon. de Nav. Belg. d'Anvers Port belonging to Antwerp
 Diameter of Cylinder 41 1/8 and 80" Engines made by Palmer When made 1872
 Length of Stroke 42 inches Boilers made by Palmer When made 1872
 Pressure of Steam 70 lbs
 Indicated Horse Power 290
 If Surveyed Afloat or in Dry Dock afloat and in Cramps Dock Years assigned 100 A.1.
 (State name of Dock.) Character in Register Book 4.78.
 Survey No. Port

Particulars of Repairs and Examination for Special Survey at No. 2, according to page 56 of the rules.

The Vessel being placed in Drydock, the Propellers removed, Propeller shaft and Stern bush taken out, fastenings of sea connections examined. — The Cylinders, Valve chests, Pumps, and Condenser were opened, pistons & rods, Slide Valve & rods, Pump buckets, Valves etc, Condenser tubes and joints, Crankshaft & journals, Thrust block, Crossheads & Connecting rods etc, inspected — Sea Connections, cocks, pipes, bilge scuttles, roses etc were carefully examined, especially with a view, whether an unintentional connection of sea and bilge was possible.

The boilers and superheaters were carefully examined inside and outside, the Safety Valves and all other Mountings inspected; the boilers tested and Safety Valves set (as per report on Machinery)

The following damages ^{defects} were found:
 Two propeller blades partly broken off, and much corroded generally. The stern bush had a piece at lower aft end broken out, and this had worn down the lower aft end of Cast iron Stern pipe.

Joints of Sea Connections leaky and bolts partly corroded. High press. Cylinder & piston, — Valve face and Valve, — piston rod, Valve stem and their stuffingboxes & glands, — low pressure piston rod, Valve stem and stuffingboxes — Air pump rod and stuffingbox — feed and bilge pump plungers & stuffingboxes, — Crosshead journals & pins, — (oil).

General Observations, Opinion, and Recommendation:—

The repairs recommended having been done to my satisfaction, the Machinery ^{Boilers} of this Vessel are now in a good and efficient Condition, meriting the favorable consideration of the Committee, & have the record "Lloyds M. C. 10.81 (in red) inserted in the Register book

Survey or Registering Fee, £ 8.0.0 received by me, 188
 Survey Fee (per Section 28) £ 8.0.0
 Certificate (if required) to be sent as per margin. £ 18.2.0.
 Printing Expenses, if any, £ 0.2.0.

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

Committee's Minute

188

Assigned



© 2018

Lloyd's Register Foundation