

Henry Morton.

13259 Iron

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER'S CERTIFICATE.

The following is a true Account of the Particulars of the Machinery and Boilers:—

ENGINES.—Here state description of Engines, whether Direct Acting or Geared, Inverted, Horizontal, Diagonal, or Oscillating Cylinders No. of Cylinders, &c.

One Pair of Inverted direct acting Compound Screw Engines.

| | | | |
|--------------------------------------|--------------------------------|--|--------------|
| ENGINES, maker of | Victoria Dock Engine Works Coy | Bilge Pumps, No. (2) and size | 4 diam: |
| „ age of | | Feed „ No. (2) and size | 4 „ |
| „ last time taken out | | Spare gear, if usual quantity on board Vessel | yes |
| „ present condition | New | Fuel, where stowed | side bunkers |
| Diameter of Cylinder | 51" x 26" | „ space between Coal Bunkers and Boilers | 10 ins. |
| Length of stroke | 30' | „ for what quantity is space provided | 80 Tons |
| No. per minute of Engines | 65 | Donkey Engine and Boiler | yes |
| „ of Screw | 65 | „ if fitted in Engine Room or on Deck | Engine Room |
| Estimated power | 99 | „ can pump be worked by hand | yes |
| Effective power | 450 | „ size of pump (4 di:) and stroke | 8 ins. |
| Diameter of Screw (or Paddle Wheels) | 11 Feet | „ is hose of sufficient length to reach every part of the Vessel | yes |
| Pitch of Screw | 14 to 18 Feet | No. () and continuation of hand pumps, if fitted in Engine Room | none |
| No. of Blades (or Floats) | 4 | | |
| Description of Screw (or Floats) | Common | | |
| Holding down Bolts, size | 2 1/4 in. diam. | | |
| „ present condition | Good | | |

BOILER.—Here state description of Boiler, and No.; if Tubular, or Flues; No. of Furnaces; if fitted with superheating apparatus; if Fired athwartships, or from force, or after end of Boiler, &c.

Two Cylindrical Multitubular Boilers with two Furnaces in each, and One Annular Superheater common to both.

| | | | |
|--|--------------------------------|--|-------|
| BOILER, maker of | Victoria Dock Engine Works Coy | Can each Boiler be used separately | yes |
| „ age of | new | What clear space between top of Boiler and woodwork | 8' 8" |
| „ when last taken out | | What clear space between Funnel and woodwork | 2' 0" |
| „ present condition | good | Are Engine and Boiler Keelsons well connected fore and aft | yes |
| „ working pressure | 75 lbs. | | |
| No. of surface Blow off Cocks to each Boiler | One | | |

SCREW SHAFT length 12 3/4 Feet diameter 8 1/2 in. Tunnel thickness of plating none height width if water-tight door on Engine Bulkhead. none.

Port of London 17th day of September 1874

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "Henry Morton" belonging to John Fenwick & Son whereof Thomas Douglas is Master, Tons Register and 99 H.P. have been carefully inspected and examined by us at Victoria Dock and we found the same, at this date, in good order and safe working condition.

for Victoria Dock Engine Works Coy
C. Fenwick
Marine Engineers.

Mr. J. J. J. J.
with
Ven. J. J. J. J.
and J. J. J. J.
J. J. J. J.



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