

12921 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.

Inverted Direct Acting Surface Condensing Two Cylinders.

ENGINES, maker of J. Hoeking
age of New
last time taken out —
present condition —
Diameter of Cylinder's 29 ins
Length of stroke 2 ft
No. per minute of Engines 60
of Screw 60
Estimated power 40 HP
Effective power About 4 lines
Diameter of Screw (or Paddle Wheels) 9 ft
Pitch of Screw 12 ft
No. of Blades (or Floats) Three
Description of Screw (or Floats) Solid
Holding down Bolts, size 1 3/8
present condition New

Bilge Pumps, No. (1) and size 4 ins
Feed ,, No. (2) and size 4 ins
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed Fore & aft bunkers
space between Coal Bunkers and Boilers 2.6
for what quantity is space provided 90 tons
Donkey Engine and Boiler Yes
if fitted in Engine Room or on Deck In Engine room
can pump be worked by hand Yes
size of pump (4 1/2) and stroke 8
is hose of sufficient length to reach every part of the Vessel
No. (0) and continuation of hand pumps, if fitted in Engine Room

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 fore, or after end of Boiler, &c.

One Cylindrical. Tubular. Two furnaces Fired from fore end of boiler.

BOILER, maker of W. J. Stanley
age of New
when last taken out —
present condition —
working pressure 40 lbs
No. of surface Blow off Cocks to each Boiler one
SCREW SHAFT length 6 3/4 diameter No Tunnel, thickness of plating height
width if water-tight door on Engine Bulkhead.

Can each Boiler be used separately —
What clear space between top of Boiler and woodwork 3.9
What clear space between Funnel and woodwork No wood work near Funnel
Are Engine and Boiler Keelsons well connected fore and aft Yes

Port London 4th day of July 18 77

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Caroline belonging to W. J. Stanley Esq. whereof J. N. Chambers is Master, 402 5/100 Tons Register, and 40 H.P. have been carefully inspected and examined by me at London and I found the same, at this date, in good order and safe working condition.

T. Harrington 4/7/77
Marine Engineers.
Lloyd's Register Foundation