

13799 Iron

S.S. Nautilus Report No. 11011

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.

Compound, direct acting inverted with 2 Cylinders

ENGINES, maker of G. & Co.
,, age of New
,, last time taken out
,, present condition
Diameter of Cylinders 26" & 44"
Length of stroke 33"
No. per minute of Engines about 60
,, of Screw
Estimated power about 350
Effective power 95 HP
Diameter of Screw (or Paddle Wheels)
Pitch of Screw
No. of Blades (or Floats) 4
Description of Screw (or Floats) Expanding
Holding down Bolts, size 1 1/4 and 1 1/2
,, present condition New

Bilge Pumps, No. (2) and size 4 1/4
Feed ,, No. (2) and size 4 1/4
Spare gear, if usual quantity on board Vessel yes
Fuel, where stowed in Bunkers
,, space between Coal Bunkers and Boilers 6"
,, for what quantity is space provided
Donkey Engine and Boiler
,, if fitted in Engine Room or on Deck
,, can pump be worked by hand (separate hand pump)
,, size of pump (6") and stroke 10"
,, is hose of sufficient length to reach every part of the Vessel yes
No. () 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 force, or after end of Boiler, &c.

One multitubular 3 Furnaces, fired from fore end

BOILER, maker of G. & Co.
,, age of New
,, when last taken out
,, present condition
,, working pressure 65 lbs
No. of surface Blow off Cocks to each Boiler one surface & one blow-off
SCREW SHAFT length 78.2 diameter 8 1/2 3/4 Tunnel thickness of plating
width if water-tight door on Engine Bulkhead. Yes

Can each Boiler be used separately
What clear space between top of Boiler and woodwork
What clear space between Funnel and woodwork
Are Engine and Boiler Keelsons well connected fore and aft

Sunderland
Port, July 15th day of 7 1875

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel S.S. "Nautilus" belonging to Str. Navigation Co. whereof is Master, Tons Register, and 95 H.P. have been carefully inspected and examined by me at Sunderland and I found the same, at this date, in good order and safe working condition.

G. & Co.
G. & Co.



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