

12276 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.

Compound Surface Condensing. Vertical. Direct Acting.

ENGINES, maker of	<i>Andersson & Soutbourn & Co</i>	Bilge Pumps, No. (<i>2</i>) and size	<i>7 1/2"</i>
„ age of	<i>New</i>	Feed „ No. (<i>2</i>) and size	<i>7 1/2"</i>
„ last time taken out	—	Spare gear, if usual quantity on board Vessel	<i>Yes</i>
„ present condition	<i>New</i>	Fuel, where stowed	<i>Bunkers</i>
Diameter of Cylinder	<i>One 54" One 102"</i>	„ space between Coal Bunkers and Boilers	<i>2 ft</i>
Length of stroke	<i>4 ft 6"</i>	„ for what quantity is space provided	<i>1000 tons</i>
No. per minute of Engines	<i>50</i>	Donkey Engine and Boiler	<i>Yes</i>
„ of Screw	<i>50</i>	„ if fitted in Engine Room or on Deck	<i>Engine Room</i>
Estimated power	<i>530</i>	„ can pump be worked by hand	<i>Yes</i>
Effective power	<i>3000</i>	„ size of pump (<i>6"</i>) and stroke	<i>9"</i>
Diameter of Screw (or Paddle Wheels)	<i>18 ft</i>	„ is hose of sufficient length to reach every part of the Vessel	<i>Yes</i>
Pitch of Screw	<i>30"</i>	No. () and continuation of hand pumps, if fitted in Engine Room	<i>One</i>
No. of Blades (or Floats)	<i>4 Blades</i>		
Description of Screw (or Floats)	<i>Hirsch's Patent</i>		
Holding down Bolts, size	<i>1 1/2" & 2"</i>		
„ present condition	<i>New</i>		

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.

Six Round Return Tubular Boilers Three Furnaces in each fired Athwartships & fitted with Superheaters -

BOILER, maker of	<i>H. & C. P.</i>	Can each Boiler be used separately	<i>Yes</i>
„ age of	<i>New</i>	What clear space between top of Boiler and woodwork	<i>3 ft</i>
„ when last taken out	—	What clear space between Funnel and woodwork	<i>2"</i>
„ present condition	<i>Good</i>	Are Engine and Boiler Keelsons well connected fore and aft	<i>Yes</i>
„ working pressure	<i>65 lbs.</i>		
No. of surface Blow off Cocks to each Boiler	<i>One</i>		

SCREW SHAFT length *110 ft* diameter *15"* Tunnel thickness of plating *3/8"* height *6 ft*
2 ft 6" width *Yes* if water-tight door on Engine Bulkhead.

Port *Newport* day of *20th January* 19*14*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *Vancouver* belonging to *London* whereof *Maury* is Master, Tons Register, and *530* H.P. have been carefully inspected and examined by us at *Newport* and we found the same, at this date, in good order and safe working condition.

Andersson & Soutbourn & Co

Marine Engineers.