

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 two cylinders

ENGINES, maker of <i>Wm Reid Donald & Co Greenock</i>	Bilge Pumps, No. (<i>One</i>) and size <i>2 1/2" x 8" stroke</i>
„ age of <i>6 Months</i>	Feed „ No. (<i>one</i>) and size <i>2 1/2" x " "</i>
„ last time taken out	Spare gear, if usual quantity on board Vessel } <i>Yes.</i>
„ present condition <i>First class</i>	Fuel, where stowed <i>Fore of Stowehole</i>
Diameter of Cylinder <i>15 1/2"</i>	„ space between Coal Bunkers and Boilers } <i>5 1/2" "</i>
Length of stroke <i>17 1/2</i>	„ for what quantity is space provided <i>8 Tons</i>
No. per minute of Engines <i>90</i>	Donkey Engine and Boiler
„ of Screw	„ if fitted in Engine Room or on Deck } <i>Engine room</i>
Estimated power <i>20 HP</i>	„ can pump be worked by hand <i>No</i>
Effective power <i>90 HP</i>	„ size of pump (<i>3 1/2"</i>) and stroke <i>5 1/2" "</i>
Diameter of Screw (or Paddle Wheels) <i>6 ft.</i>	„ is hose of sufficient length to reach every part of the Vessel } <i>Yes</i>
Pitch of Screw <i>13 1/2</i>	No. () and continuation of hand pumps, if fitted in Engine Room } <i>1 to each hold</i>
No. of Blades (or Floats) <i>4</i>	
Description of Screw (or Floats) <i>1</i>	
Holding down Bolts, size <i>10 at 7/8" dia</i>	
„ present condition <i>Good</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.

The Tubular fire from forward end, two furnaces

BOILER, maker of <i>Wm Reid Donald & Co Greenock</i>	Can each Boiler be used separately
„ age of <i>6 Months</i>	What clear space between top of Boiler and woodwork } <i>8" "</i>
„ when last taken out	What clear space between Funnel and woodwork } <i>2 1/2</i>
„ present condition <i>First Class</i>	Are Engine and Boiler Keelsons well connected fore and aft } <i>Yes</i>
„ working pressure <i>5 1/2 lbs</i>	
No. of surface Blow off Cocks to each Boiler } <i>One on skin of ship</i>	
SCREW SHAFT length <i>20 ft</i> diameter <i>4 1/2"</i> Tunnel, thickness of plating _____ height _____	
width _____ if water-tight door on Engine Bulkhead.	

Port *Liverpool* day of *10th Sep^r* 18 *72*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or ~~Wood~~) Screw (or ~~Paddle~~) Steam Vessel *Seagull* belonging to *Lane & Co* whereof *J W Thatcher* is Master, *3,57* Tons Register, and *20* H.P. have been carefully inspected and examined by us at *Birkenhead* and have found the same, at this date, in good order and safe working condition.

James Bayly
W. Birkenhead
Lloyd's Register
Marine Engineers

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