

10210 Iron Ship

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.

A pair of Compound High and low pressure direct acting Engines, 2 Inverted Cylinders 35" x 60" with surface Condensers

ENGINES, maker of Wm Sims & Co New
,, age of New
,, last time taken out
,, present condition
Diameter of Cylinder 35" x 60"
Length of stroke 3 feet 3 inches
No. per minute of Engines 60
,, of Screw 60
Estimated power 200
Effective power 800
Diameter of Screw (or Paddle Wheels) 13 feet 9 inches
Pitch of Screw 20 " 6 "
No. of Blades (or Floats) 4
Description of Screw (or Floats) True screw (steel)
Holding down Bolts, size 1 1/2 inches
,, present condition New
Bilge Pumps, No. (4) and size 4 inches
Feed ,, No. (3) and size 4 "
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed Iron Bunkers
,, space between Coal Bunkers and Boilers 14 inches
,, for what quantity is space provided 200 tons
Donkey Engine and Boiler Yes
,, if fitted in Engine Room or on Deck on Deck
,, can pump be worked by hand Yes
,, size of pump () and stroke 5 1/2 " 10 "
,, is hose of sufficient length to reach every part of the Vessel Yes
No. (2) 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 Boiler with Brass tubes having 6 furnaces and two superheaters or steam chests, 3 furnaces at each end fired fore and aft

BOILER, maker of Wm Sims & Co
,, age of New
,, when last taken out
,, present condition
,, working pressure 60 lbs per sq. inch
No. of surface Blow off Cocks to each Boiler (2) two
Can each Boiler be used separately
What clear space between top of Boiler and woodwork 2 feet
What clear space between Funnel and woodwork 2 feet
Are Engine and Boiler Keelsons well connected fore and aft Yes
SCREW SHAFT length 100 ft 9" diameter 9 3/4" Tunnel, thickness of plating 3/8" height 5 feet
width 4 feet if water-tight door on Engine Bulkhead. Yes

Port Belfast day of 14th June 1872

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Olympia belonging to Glasgow whereof I am Master, 1495 Tons Register, and 200 H.P. have been carefully inspected and examined by us at 969 Belfast and we found the same, at this date, in good order and safe working condition.

Wm Sims & Co Marine Engineers.