

14 928 Iron

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER'S CERTIFICATE. Rec 19/8/75

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 cylinder, surface condensing. one high and one low pressure cylinder.

ENGINES, maker of Colnaby, Coulborn & Co. age of new, last time taken out, present condition new. Diameter of Cylinder one 32" & one 60", Length of stroke 3 ft 6", No. per minute of Engines 60, of Screw 60, Estimated power 140, Effective power 850, Diameter of Screw (or Paddle Wheels) 14 feet, Pitch of Screw 18 feet, No. of Blades (or Floats) four, Description of Screw (or Floats) solid cast iron, Holding down Bolts, size 1 1/2" dia., present condition new.

Bilge Pumps, No. (2) and size 4" dia x 1 1/2" Stroke, Feed, No. (2) and size 4" dia x 1 1/2" Stroke, Spare gear, if usual quantity on board Vessel yes, Fuel, where stowed cross coal bunker, space between Coal Bunkers and Boilers 11 feet 0", for what quantity is space provided 105 Tons, Donkey Engine and Boiler yes, if fitted in Engine Room or on Deck on deck engine room, can pump be worked by hand yes, size of pump (H") and stroke 8", 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 fore, or after end of Boiler, &c.

Two round, return tubular Boilers, with 3 furnaces in each. Fitted with superheater. Fired from forward.

BOILER, maker of Colnaby, Coulborn & Co. age of new, when last taken out, present condition, working pressure 40 lbs., No. of surface Blow off Cocks to each Boiler 2.

Can each Boiler be used separately yes, What clear space between top of Boiler and woodwork 2 ft 6", What clear space between Funnel and woodwork 2 ft 6", Are Engine and Boiler Keelsons well connected fore and aft yes.

SCREW SHAFT length 40 ft diameter 10 1/2" Tunnel thickness of plating 5/16" height 6 feet, width 2 ft 9" if water-tight door on Engine Bulkhead yes.

Port Reufren 13th day of August 1875

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Frederic Frauck belonging to Havre whereof Breton is Master, 664 25/100 Tons Register, and 170 H.P. have been carefully inspected and examined by us at Reufren and we found the same, at this date, in good order and safe working condition.

Robt Coulborn & Co. Marine Engineers.



Lloyd's Register Foundation

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