

12403

S.S. "Montgomeryshire"

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 or of Cylinders, &c.

Direct acting Inverted Cylinders Surface Condensing Compound Engines

ENGINES, maker of London & Glasgow Eng. & S.S. Co. Ltd

,, age of New

,, last time taken out

,, present condition New

Diameter of Cylinder 35" x 62" inches

Length of stroke 3 ft 6 inches

No. per minute of Engines

,, of Screw

Estimated power 200 H.P.

Effective power 200 H.P.

Diameter of Screw (or Paddle Wheels) 15" 3

Pitch of Screw 20" 9

No. of Blades (or Floats) 4

Description of Screw (or Floats) Common

Holding down Bolts, size 1 1/4

,, present condition New

Bilge Pumps, No. (2) and size 6 1/2 dia 8" Stroke

Feed ,, No. (2) and size 5 3/4 " 11 1/4 "

Spare gear, if usual quantity on board Vessel Yes

Fuel, where stowed Side & Forward Bunkers

,, space between Coal Bunkers and Boilers 14"

,, for what quantity is space provided 360 tons

Donkey Engine and Boiler Boiler in Stowhole

,, if fitted in Engine Room or on Deck Engine in Engine Room

,, can pump be worked by hand Yes

,, size of pump (4 1/2) and stroke 10"

,, is hose of sufficient length to reach every part of the Vessel Yes

No. (1) and continuation of hand to Boiler deck & Sea 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.

Two Cylindrical Tubular Boilers with 3 Furnaces in each Lying Back to back fired fore & aft

BOILER, maker of London & G. Eng. & S.S. Co. Ltd

,, age of New

,, when last taken out

,, present condition New

,, working pressure 62 lb

No. of surface Blow off Cocks to each Boiler one

Can each Boiler be used separately Yes

What clear space between top of Boiler and woodwork No hood work

What clear space between Funnel and woodwork No hood work

Are Engine and Boiler Keelsons well connected fore and aft Yes

SCREW SHAFT length 110 ft diameter 10 3/4 Tunnel thickness of plating 5/16 height 4 feet
width 4 ft. 9 in if water-tight door on Engine Bulkhead. Yes

Port Glasgow

day of 20 Feb 1874

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Montgomeryshire belonging to Penketh & Co. whereof Reynolds is Master, 1146 1/2 Tons Register, and 200 H.P. have been carefully inspected and examined by us at Glasgow and we found the same, at this date, in good order and safe working condition.

London & Glasgow Engineering & Shipbuilding Co. Ltd
Marine Engineers.

IRON 456-0314

Lloyd's Register
Foundation