

Iron No 13204 No 22479

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Returned from Post 27/11/95

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.

2 no cylinders inverted Direct acting

ENGINES, maker of Samuel Baker
,, age of oil steam Liverpool
,, last time taken out } quite new
,, present condition }
Diameter of Cylinder 15 1/2 inches direct acting
Length of stroke 20 do inverted
No. per minute of Engines 75 strokes
,, of Screw no
Estimated power 20 H.P.
Effective power about 60
Diameter of Screw (or Paddle Wheels) 6 1/2 feet screw
Pitch of Screw fourteen feet
No. of Blades (or Floats) four
Description of Screw (or Floats) Cast iron
Holding down Bolts, size 1 1/2 inches
,, present condition new

Bilge Pumps, No. (2) and size 2 1/2 inches
Feed ,, No. (2) and size 2 1/2 inches
Spare gear, if usual quantity on board Vessel
Fuel, where stowed in the Bunkers
,, space between Coal Bunkers } about four inches
and Boilers }
,, for what quantity is space provided Fifteen Tons
Donkey Engine and Boiler One Engine & One Boiler
,, if fitted in Engine Room or } Donkey Engine fitted in
on Deck } Engine Room
,, can pump be worked by hand one in Main hold
,, size of pump (5 in) and stroke 12 in
,, is hose of sufficient length to }
reach every part of the Vessel }
No. () and continuation of hand }
pumps, if fitted in Engine Room }

Are the shut-off valves or cocks of all openings for the inlet or outlet of water in connection with the } fitted close to Ships side
Engines & Boilers fitted close to the ship's sides, and are they accessible at all times? } accessible

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.

Tubular Boiler with two Furnaces. No Superheater. fired from after end of Boiler.

BOILER, maker of Samuel Baker
,, age of
,, when last taken out } quite new
,, present condition }
,, working pressure } Twenty five pounds
No. of surface Blow off Cocks to } One
each Boiler }

Can each Boiler be used separately only one Boiler
What clear space between top of } about six inches
Boiler and woodwork }
What clear space between Funnel } about fifteen inches
and woodwork }
Are Engine and Boiler Keelsons } well connected
well connected fore and aft } fore and aft

SCREW SHAFT length fifteen feet diameter 4 1/2 inch Tunnel, thickness of plating none height
width if water-tight door on Engine Bulkhead.

Port Liverpool 27 day of Sept 18 70

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Maggie belonging to
whereof is Master, Tons Register, and 20 H.P. have been
carefully inspected and examined by me at Liverpool and I found the
same, at this date, in good order and safe working condition.

Samuel Baker
Marine Engineers.