

No. 210

S. S. Glynemere

23954. Iron.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER SURVEYOR'S REPORT ON MACHINERY.

ENGINES.

Recd 17/7/1879 10.30

Description Compound Inverted Surface Condensing
Made by Blair & Co. (Lim)
When July 1879 At Stockton on Tees
Diameter of cylinder 32" x 60" Length of stroke 39"
No. of revolutions per minute About 63
Point of cut off About 1/2 stroke
Diameter of screw shaft 1 1/2"
Diameter of crank shaft journals 11"
Diameter of screw, or of paddle wheel 14" 6"
Pitch of screw About 16" 0"
No. of blades 4 Total surface Not ascertained
No. of bilge pumps 3 and sizes 4" x 28" dia Single Acting
Do they pump from each compartment For 2 bilge pumps draws from ballast tanks engine room, after well, fore hold - tank, etc. After pump draws from engine room & after well

Are all the bilge suction pipes fitted with roses Yes
No. of feed pumps 2 and sizes 4 x 28" dia Single Acting
What gauges are there attached to the engines and boilers ... 2 Steam 1 Vacuum
Description and size of Donkey Pumps ... 2 1/2" dia x 9" stroke Double Acting
Where do they pump from after well, fore hold & tunnel. 2 1/2" from Sea, fore hold & engine room
No. of bilge injections 1 and sizes 6"
Are they connected to air, or circulating pump Circulating Pump
Is there a hand pump in the engine room Donkey work by hand
Can it be worked by the main engines No
Is there a deck hose of sufficient length which to any part of the vessel Yes

MAIN BOILERS.

Number One Description Cylindrical Vertical at both ends
Made by Blair & Co. (Lim)
When July 1879 At Stockton on Tees
Working pressure 82 lbs
Tested by hydraulic pressure to 164 lbs, Date 21/5/79
Description of super-heating apparatus None
Can each boiler be worked separately Only one boiler in ship

Can the super-heater be shut off and the boilers worked separately No Superheater
Description and area of safety valves on each boiler 4 1/2" dia Combined area 31.8 sq in
No. of square feet of fire-grate surface in each boiler 56.89 feet
Are there separate blow off and brine cocks on each boiler, independent of those on the vessel's skin Yes
Are all pipes, cocks, roses, and pumps in connection with the machinery accessible at all times. All except suction pipe in holds when ship

DONKEY BOILER

Description Vertical Water tubes in furnace
Where fixed In stokehole
Working pressure 60 lbs

Made by N. Porter Stockton on Tees
Tested by hydraulic pressure to 120 lbs, Date 31/5/79
Description and area of safety valves 1 dia 2 1/4" dia = 4.9 sq in
No. of square feet of fire grate 15.9 sq feet

PIPES, COCKS, AND CONNECTIONS.

Are all connections with the sea direct on the skin of the ship Yes
Are they Kingston valves or common cocks ... Stop valves and cocks
Are they fixed sufficiently high on the ship's side to be seen without lifting the stoke hold plates ... Yes
Are the discharge pipes above or below the deep water line Below
Are they each fitted with a discharge valve on the plating of the vessel Yes

What pipes are carried through the bunkers None
How are they protected New
When were the stern tube, propeller, screw shaft, and all connections examined in dry dock
Are the pipes, cocks, and valves arranged so as to prevent an unintentional connection between the sea and the bilge Yes
Is the screw shaft-tunnel water tight and fitted with a sluice door on bulkhead Sluice door fitted

Blair & Co. Engineers & Main Builders only

I hereby certify that the whole of the above are correct particulars of the Machinery and Boilers of the Iron (or Wood)

Screw (or Paddle) Steam Vessel Glynemere owned by H. Clouke
of the Port of London of 97 1/2 Tons Register and 140 Registered Horse Power,
and that they have been carefully inspected and examined by me at Stockton on Tees
and found to be at this date, viz., 17th July 1879 in good order and safe working condition.

Donkey Boiler Survey Fee... £
Amount of Fee for Survey Certificate... £ 7:5:
(Travelling Expenses, if any, £)

Amos Blair Engineer Surveyor to Lloyd's Register of Shipping.

The Machinery and Boilers of the vessel
have been built and fitted in accordance
with the rules submitted that she is
eligible to have Lloyd's M.C.C.
a meeting certificate from 7 July

1879

M 17-7-79



© 2019

Lloyd's Register
Foundation

ENGINEER

REGISTERED ENGINEERS OF LLOYD'S REGISTER