

15647 Jan

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER SURVEYOR'S CERTIFICATE & REPORT.

ENGINES.

Rec 1/1/76

Description	Inverted, Direct Acting Compound.	Are all the bilge suction pipes fitted with roses	yes
Made by	Goole Engineering Shipbuilding Co	What vacuum and steam gauges are there attached to the engines and boilers	one of each on Engines and one steam on boiler
In the year	1875	No. of feed pumps	2 and sizes 3" dia, 24" str
Present condition	New	Description and size of Donkey Engine	2 1/2" dia, 10 str & 6" dia, 6" str
Diameter of cylinders	One 25 in One 48 in	Will it feed the boilers, pump from the bilges, and pump on deck	yes
Length of stroke	30 in	Can it be driven by steam from a separate boiler	no
No. of revolutions per minute	86	No. of bilge injections	1 and sizes 2 1/2"
Point of cut off	from 2/3 to 3/4	Are they fitted with non return valves	yes
Paddle, or Screw	Screw	Is there a hand pump in the engine room	no
Nominal Horse Power	90	Can it be worked by the main engines	—
Diameter of screw, or of paddle wheel	11.6	Is there a deck hose of sufficient length to reach to any part of the vessel	yes
Pitch of screw	16.0		
No. of blades,	4 total surface 35.25 sq ft.		
No. of bilge pumps	2 and size 3" dia, 24" str.		
Do they pump from each compartment	yes		
Is there provision made for pumping from the wings of the stoke hold	none		

CONNECTIONS ON HULL.

Are all connections with the sea direct on the skin of the ship	yes.	Are any pipes carried through the bunkers	no
Are they Kingston valves or common cocks	Common Cocks	If so state how protected	—
Are they fixed sufficiently high on the ship's side to be seen without lifting the stoke hold plates	no.	When was the stern tube, propeller, screw shaft, and all connections examined in dry dock	—
Are the discharge pipes above or below the deep water line	Above	How are the pipes, cocks, and valves arranged so as to prevent an unintentional connection between the sea and the bilge	Efficient Arrangement
Are they each fitted with a discharge valve on the plating of the vessel	yes.	Have the bilge suctions non-return valves fitted or not	no

BOILERS.

Number	One.	Can the super-heater be shut off and the boilers worked separately	—
Description	Cylindrical Multitubular 3 Furnaces	No. of safety valves on each boiler	Two
Made by	Goole Engineering Shipbuilding Co	Description and area of each safety valve	Dead weight. 14.13 sq in
In the year	1875	No. of square feet of fire-grate surface in each boiler	54 sq feet.
Present condition	New	Is there a separate blow off and brine cock on each boiler, independent of those on the vessel's skin	yes.
When last extensively repaired	—	Is the screw shaft tunnel water tight and fitted with a sluice door on bulkhead	yes.
Working pressure	60 lb.	Are all pipes, cocks, and roses in connection with these boilers accessible to the engineer at all times	yes
When tested by hydraulic pressure	1875		
To what pressure tested	120		
Any super-heating apparatus	No.		
Describe it	—		
Can each boiler be worked separately	One boiler only		
Is each boiler fitted with a separate steam gauge	yes		

Manufacturer.

I hereby certify that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Stanley Main owned by Yorkshire Coal and S. S. Co. of the Port of Goole of Tons Register, and 90 Nominal Horse Power, have been carefully inspected and examined by me at Goole. and found to be at this date, viz., 25th November 18 75 in good order and safe working condition.

William Parker  
Engineer Surveyor to Lloyd's Register of Shipping.  
Lloyd's Register Foundation  
IRON 464-0372

Fee £3. 3.  
L. H. W. Davidson  
Hull 21/12/75