LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

First Day of August 1866.

We certify that the whole of the Boilers and Machinery of the Screw Steam Vessel Thracian belonging to Handyside & Henderson Glasgow whereof is Master, 642.46 Gross 436.87 Registered Tons, have been carefully inspected and examined by us at Greenock, and we find the same to be at this time in good order and safe working condition.

Witness my hand,

Rankin & Blackmore Manufacturing Engineer.

The following is a true Account of the Particulars of the Machinery of the Steam Vessel above named:

ENGINES.

N°.	22
Diameter of Cylinder	30
Length of stroke	30
N°. per minute	75
Estimated Power	70
Diameter of Paddle-wheels	Screw
Length of Paddles	
Breadth of Paddles	
N°. of Paddles	
On what motion	First
N°. of revolutions per minute	75
Size of the holding down bolts	1¼"
Condition of d°.	New
Maker of the Engines	R & B
Age of the Engines	New
When were they last taken out	
Present condition of the Engines	Good
Can injection water be taken from the bilge in the event of a serious leak	Yes

FUEL.

Where stowed	Bunkers
If in contact with boiler	No
If not, what space between coal boxes and boiler	about 4"
For what quantity is room provided	160 tons
If liable to get wetted	No

BOILERS.

Whether iron or copper	Iron
Working pressure	25
Can it be increased without going into the boiler	Yes
What are the means of changing the water while the boilers are at work	Scum & bottom blowoff
Maker of the Boilers	R & B
Age of the Boilers	New
When were they last taken out	
Present condition	Good
N°. of feed pumps	2
How attached	Air pump Cross head
What clear space upon the topside of the boiler from wood work	About 3 feet
D°. at the end from d°.	No Wood
D°. round the chimney from d°.	No Wood

PUMPS.

N°. of hand pumps	One
Can they be worked by the engine	No
If any attached to engine their purpose and size	2 Feed 4" x 15" 2 Bilge 5½ x 8
N°. of force pumps	4
N°. of branches, and hose of sufficient length to reach to every part of the vessel	One

Rankin & Blackmore Manufacturing Engineers

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IRON500-0047