

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

10th Day of May 1866
We certify that the whole of the Boilers and Machinery of the
 Steam Vessel "Souvenir" belonging to Port Glasgow whereof
Edward French is Master, ^{28.91}159^{3/4}166 Tons, have been carefully inspected and
 examined by us at Port Glasgow, and we find the same to be at
 this time in good order and safe working condition.

Witness my hand,

Witness my hand,
Laur. Hill Manufacturing Engineer.

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

ENGINES.

ENGINES.	
N ^o	<i>Two</i>
Diameter of Cylinder	<i>24"</i>
Length of stroke	<i>24"</i>
N ^o . per minute	<i>75 to 80</i>
Estimated Power	<i>55</i>
Diameter of Paddle-wheels	_____
Length of Paddles.....	_____
Breadth of Paddles	_____
N ^o . of Paddles	_____
On what motion.....	<i>Direct</i>
N ^o . of revolutions per minute	<i>75 to 80</i>
Size of the holding down bolts.....	<i>1 1/2 ins.</i>
Condition of d ^o	<i>new</i>
Maker of the Engines	<i>Lawr. Hill & Co.</i>
Age of the Engines	<i>new</i>
When were they last taken out.....	_____
Present condition of the Engines	<i>new</i>
Can injection water be taken from the bilge)	<i>Yes</i>
in the event of a serious leak	<i>Yes</i>

BOILERS.

BOILERS.	
Whether iron or copper.....	Iron
Working pressure	25 lbs
Can it be increased without going into the boiler	No
What are the means of changing the water while the boilers are at work.....	Blow off cocks
Maker of the Boilers	Laur. Hill, Harp.
Age of the Boilers.....	new
When were they last taken out.....	
Present condition	new
Nº. of feed pumps	4
How attached.....	to her pump crosshead
What clear space upon the topside of the boiler from wood work	6 inches
Dº. at the end from dº.	none
Dº. round the chimney from dº.	all Iron

FUEL.

FUEL.	
Where stowed	Gunners
If in contact with boiler	No.
If not, what space between coal boxes and boiler	6 inches
For what quantity is room provided.....	30 Tons
If liable to get wetted	No.

PUMPS.

PUMPS.

No. of hand pumps.....	Four
Can they be worked by the engine	No
If any attached to engine their purpose and size	2. Bilge pumps 3"
Donkey for feeding boiler and pumping ship for fuel, &c.	
No. of force pumps.....	No
No. of branches, and hose of sufficient length to reach to every part of the vessel	attached to Engine One - One

Lucas Hall Manufacturing Engineer.

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