

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

19th Day of April, 1839.
 We certify that the whole of the Boilers and Machinery of the
 Steam Vessel "Royal Sovereign" belonging to Glasgow whereof
 John W. Arthur is Master, 2910m 3000m Tons, have been carefully inspected and
 examined by us at Glasgow, and that we find the same to be at
 this time in good order and safe working condition.

Witness

Witness John R. Channing
Jack Margison Master Engineers.

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

Engines.

N ^o	Two
Estimated Power	200 Horse
Diameter of Paddle-wheels	20 feet
Length of Paddles	14 feet
Breadth of Paddles	20 inches
If upon the first or second motion	first
N ^o . of revolutions per minute	22 to 23
Size and condition of the holding-down bolts	1/2 and 1/4

Rest of Iron

Boilers.

Whether iron or copper	<i>Iron</i>
Working pressure	<i>6 1/2 lb</i>
If it can be increased at pleasure.....	<i>No</i>
If any and what means of changing the water without extinguishing the fires and blowing off.....	<i>None</i>

N ^o . of feed pumps.....	Two
How attached.....	Engine
State of the boilers	New

Fuel.

Where stowed	<i>in life and boat</i>	<i>Readers</i>
If in contact with boiler		<i>Yes</i>
For what quantity room is provided		<i>40 Tons</i>
If liable to get wetted		<i>Yes</i>

What clear space upon the topside of the boiler	} <i>2 feet</i> <i>1 foot</i> <i>8 inches</i>
D°. at the end	
D°. round the chimney	

Pumps.

N^o. of hand pumps *three*
If any attached to engine, their purpose and }
power }
four attached to Engine
Bridge Pumps.

N^o. of force pumps, with a branch and hose
of sufficient length to reach to every
part of the vessel } *One double*
pump

Forth Manger Master Engineer.