

# LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## Certificate for Vessels Navigated by Steam.

*Received 30 Mar 1835*  
*J.M.S.*

*27* Day of *March*, 1835.

certify that the whole of the Boilers and Machinery of the  
Steam Vessel *'Monarch'* belonging to *Arthur* whereof  
*Robert Beach* is Master, *222* Tons, have been carefully inspected and  
examined by *me* at *Arthur*, and that *I* find the same to be at  
this time in good order and safe working condition.

*Wm Watson* Witness *my hand*  
*Geo Kershaw* Master Engineers

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

### Engines.

N°. *2*  
Estimated Power *140 Horse*  
Diameter of Paddle-wheels *17 feet*  
Length of Paddles *7 feet 9 inches*  
Breadth of Paddles *2 feet*  
If upon the first or second motion *first*  
N°. of revolutions per minute *24*  
Size and condition of the holding-down bolts  
*all renewed 12 months ago*  
*size 2 inches diameter*

### Fuel.

Where stowed *in separate Boxes the*  
If in contact with boiler *most of it*  
For what quantity room is provided *a small quantity in*  
If liable to get wetted *the front of the boiler*  
*100 Tons*  
*no*

### Boilers.

Whether iron or copper *Iron*  
Working pressure *4 lbs*  
If it can be increased at pleasure *no*  
If any and what means of changing the water  
without extinguishing the fires and  
blowing off *There is a safety valve*  
*weighted all the time*  
*a cessable to the Engineer*  
*Water changed*  
*by blowing off*  
*without extinguishing*  
*the fires.*

N°. of feed pumps *2*  
How attached *to the Air Pump*  
State of the boilers *Cross Bar*  
*Have been taken out*  
*and thoroughly repaired*  
*during the winter*  
*only made one*  
*voyage since*

What clear space upon the topside of the  
boiler *4 feet*  
D°. at the end *clear of the head 10 inches*  
D°. round the chimney *a water case of*  
*6 inches 18 feet above*  
*the deck.*

### Pumps.

N°. of hand pumps *2*  
If any attached to engine, their purpose and  
power *2 will utter*  
*together 600*  
*gallons per minute.*

N°. of force pumps, with a branch and hose  
of sufficient length to reach to every  
part of the vessel *one and*  
*lengths of*  
*hose to reach*  
*a considerable distance.*

*AB The holds are*  
*separated from the*  
*Boilers by a fire*  
*Room and Coal*  
*Boxes aft and by*  
*the Engine Room*  
*forward*

*Geo Kershaw*

*Wm Watson*

Master Engineers



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