LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

17th Day of November 1865.

I certify that the whole of the Boilers and Machinery of the Steam Vessel ~~Winchester~~ "Basingstoke" belonging to South Shields whereof D. Hagley is Master, 649 Tons, have been carefully inspected and examined by me at Newcastle, and I find the same to be at this time in good order and safe working condition.

Witness my hand,

Robert Morrison Manufacturing Engineer.

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

ENGINES.

N°.	two
Diameter of Cylinder	36 inches
Length of stroke	26 "
N°. per minute	140 strokes
Estimated Power	80 nominal
Diameter of Paddle-wheels	
Length of Paddles	
Breadth of Paddles	
N°. of Paddles	
On what motion	Inverted direct
N°. of revolutions per minute	70
Size of the holding down bolts	1½ inches
Condition of d°.	secured to Engine Seat
Maker of the Engines	R. Morrison & Co
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

by Bilge Injection

BOILERS.

Whether iron or copper	Iron
Working pressure	25 lbs
Can it be increased without going into the boiler	Safety valves secured by lock and key
What are the means of changing the water while the boilers are at work	Engine and Donkey Feed and Blow off
Maker of the Boilers	R. Morrison & Co
Age of the Boilers	new
When were they last taken out	
Present condition	Good
N°. of feed pumps	three
How attached	

two to air pump Crosshead
one to Donkey

What clear space upon the topside of the boiler from wood work	10 inches
D°. at the end from d°.	6 ins from Coal Box
D°. round the chimney from d°.	12 " from Casing

FUEL.

Where stowed	at sides and Back of Boiler
If in contact with boiler	No
If not, what space between coal boxes and boiler	6 inches
For what quantity is room provided	about 60 Tons
If liable to get wetted	no

PUMPS.

N°. of hand pumps	one
Can they be worked by the engine	by Donkey
If any attached to engine their purpose and size	

two Feed and two Bilge 3¾ diam 15¾ stroke
One Donkey 6 ins diam 9 ins stroke
" Ballast 10 " " 9 " "

N°. of force pumps	5 as above
N°. of branches, and hose of sufficient length to reach to every part of the vessel	yes.

Robert Morrison Manufacturing Engineer.
per Walter Lang

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