

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

This is to certify that the whole of the Boilers and Machinery of the Steam Vessel "Utrecht" belonging to Rotterdam whereof J. van Hoogenstraaten is Master, 2000 Tons, have been carefully inspected and examined by Deepocean at Rotterdam, and J find the same to be at this time in good order and safe working condition.

Witness my hand,

B. J. Deepocean

Manufacturing Engineer.

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

ENGINES.

N ^o . 2 cylinders	2
Diameter of Cylinder	36"
Length of stroke	30"
N ^o . per minute	75
Estimated Power	80 horse
Diameter of Paddle wheels	Screw
Length of Paddles	12 feet.
Breadth of Paddles	two blade.
N ^o . of Paddles	
On what motion	
N ^o . of revolutions per minute	75
Size of the holding down bolts	N ^o . 16
Condition of d ^o .	new.
Maker of the Engines	Deepocean & Co
Age of the Engines	new
When were they last taken out	new
Present condition of the Engines	new
Can injection water be taken from the bilge in the event of a serious leak	Yes.

BOILERS.

Whether iron or copper	iron
Working pressure	20 lb per inch
Can it be increased without going into the boiler	
What are the means of changing the water while the boilers are at work	feed pumps
Maker of the Boilers	J. L. S.
Age of the Boilers	new
When were they last taken out	
Present condition	new
N ^o . of feed pumps	2 and 1 donkey
How attached	on the end of the cross head of the feed pumps
What clear space upon the topside of the boiler from wood work	2 1/2 inch
D ^o . at the end from d ^o .	39 or dia 27 inch
D ^o . round the chimney from d ^o .	16 inch

FUEL.

Where stowed	on side of the Engine
If in contact with boiler	no
If not, what space between coal boxes and boiler	15 inch
For what quantity is room provided	11 Tons.
If liable to get wetted	no

PUMPS.

N ^o . of hand pumps	1.
Can they be worked by the engine	yes
If any attached to engine their purpose and size	2 feed pumps 4 inch diameter 15" stroke
N ^o . of pumps to take water out	2 pumps
Can they be worked by engine	yes
N ^o . of force pumps	2
N ^o . of branches, and hose of sufficient length to reach to every part of the vessel	one branch each hose sufficient length

Manufacturing Engineer.