LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

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Certificate for Vessels Navigated by Steam.

17th Day of April 1866

"I hereby certify that the whole of the Boilers and Machinery of the Steam Vessel No 736 "Capella" belonging to Hamburg whereof Thomsen is Master, 781 Tons, have been carefully inspected and examined by me at Walker, and I find the same to be at this time in good order and safe working condition.

Witness my hand,

W Boyd Manufacturing Engineer.

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

ENGINES.

N°.	2 Cylinders
Diameter of Cylinder	43 ins.
Length of stroke	2' 6 in
N°. per minute	60
Estimated Power ... Maxm	120 H
Diameter of ~~Paddle wheels~~ Propellers	13' 0"
~~Length of Paddles~~ pitch	16.9 & 19.0
Breadth of Paddles	
N°. of ~~Paddles~~ Blades	3
On what motion	direct
N°. of revolutions per minute	
Size of the holding down bolts	2¼"
Condition of d°.	
Maker of the Engines	Thompson Boyd & Co
Age of the Engines	New
When were they last taken out	–
Present condition of the Engines	
Can injection water be taken from the bilge in the event of a serious leak	Yes

FUEL.

Where stowed	In bunkers
If in contact with boiler	No
If not, what space between coal boxes and boiler	8"
For what quantity is room provided	230 tons
If liable to get wetted	No.

BOILERS.

Whether iron or copper	Iron
Working pressure	20 lbs per sq inch
Can it be increased without going into the boiler	No
What are the means of changing the water while the boilers are at work	Screw & Blow off Cocks
Maker of the Boilers	Thompson Boyd & Co
Age of the Boilers	New
When were they last taken out	
Present condition	
N°. of feed pumps	2
How attached	to Air pumps Cross heads –
What clear space upon the topside of the boiler from wood work	2' 9"
D°. at the end from d°.	
D°. round the chimney from d°.	1' 6"

PUMPS.

N°. of hand pumps	2 hand pumps & 1 Steam pump which can be worked
Can they be worked by the engine	by hand & 2
If any attached to engine their purpose and size	Bilge pumps on Engines similar to Feed pumps –
N°. of force pumps	
N°. of branches, and hose of sufficient length to reach to every part of the vessel	Yes –

W Boyd Manufacturing Engineer.

for Thompson Boyd & Co

Her number on Engines 161

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