

14543

Iron.

## LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## ENGINEER'S CERTIFICATE.

The following is a true Account of the Particulars of the Machinery and Boilers:—

ENGINES.—Here state description of Engines, whether Direct Acting or Geared, Inverted, Horizontal, Diagonal, or Oscillating Cylinders  
No. of Cylinders, &c.

*Inverted, Direct acting, Compound, Surface condensing  
Engines with two cylinders.*

ENGINES, maker of *Humphrys & Pearson Limited*  
 „ age of *New*  
 „ last time taken out *New*  
 „ present condition *New*  
 Diameter of Cylinder *High pressure 27" Low Press. 50*  
 Length of stroke *30*  
 No. per minute of Engines *80*  
 „ of Screw *80*  
 Estimated power *98 HP*  
 Effective power *445*  
 Diameter of Screw (~~or Paddle Wheels~~) *10 ft.*  
 Pitch of Screw *21 ft.*  
 No. of Blades (~~or Floats~~) *4*  
 Description of Screw (~~or Floats~~) *Ordinary*  
 Holding down Bolts, size *1 3/4*  
 „ present condition *New*

Bilge Pumps, No. ( *2* ) and size *4 1/2 dia*  
 Feed „ No. ( *2* ) and size *9" stroke*  
 Spare gear, if usual quantity on board Vessel *Yes*  
 Fuel, where stowed *In bunkers alongside Boiler*  
 „ space between Coal Bunkers and Boilers *6"*  
 „ for what quantity is space provided *80 tons in bunkers*  
 Donkey Engine and Boiler *Yes*  
 „ if fitted in Engine Room or on Deck *Donkey pump in Engine room*  
 „ can pump be worked by hand *Donkey boiler on deck*  
 „ size of pump ( *4* ) and stroke *8"*  
 „ is hose of sufficient length to reach every part of the Vessel *Yes*  
 No. ( ) and continuation of hand pumps, if fitted in Engine Room *Yes*

BOILER.—Here state description of Boiler, and No.; if Tubular, or Flues; No. of Furnaces; if fitted with superheating apparatus; if Fired  
athwartships, or from fore, or after end of Boiler, &c.

*One cylindrical, Multitubular boiler with three  
Furnaces fired from Aft. end.*

BOILER, maker of *Humphrys & Pearson Limited*  
 „ age of *New*  
 „ when last taken out *New*  
 „ present condition *New*  
 „ working pressure *6.5 lbs.*  
 No. of surface Blow off Cocks to each Boiler *One*

SCREW SHAFT length *56 ft.* diameter *8 1/4* Tunnel thickness of plating *5/16* height *5 ft.*  
 width *3 ft.* if water-tight door on Engine Bulkhead. *Yes.*

Can each Boiler be used separately *One only*  
 What clear space between top of Boiler and woodwork *3" 6"* *Based*  
 What clear space between Funnel and woodwork *2" 0"* *Round*  
 Are Engine and Boiler Keelsons well connected fore and aft *Yes* *with iron*

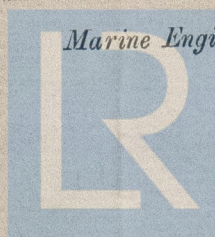
Port *Hull* Fifth day of *June* 1875

*We* hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood)  
 Screw (or Paddle) Steam Vessel *Albert* belonging to *Grimsby*  
 whereof *Woods* is Master, *554.332R* Tons Register, and *98* H.P. have been  
 carefully inspected and examined by *us* at *Hull* and *we* found the  
 same, at *this* date, in good order and safe working condition.

FOR  
HUMPHRYS & PEARSON LIMITED

*Frank W. Pearson* SECRETARY

Marine Engineers.



Lloyd's Register  
Foundation

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