

14478 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 Cylinder Direct-Acting Engines with two cylinders

ENGINES, maker of Thompson & Wood
age of 17 years
last time taken out Nov 1870
present condition good condition
Diameter of Cylinder 36"
Length of stroke 26"
No. per minute of Engines 68
of Screw 68
Estimated power 75
Effective power 300
Diameter of Screw (or Paddle Wheels) 10" 7"
Pitch of Screw 16" 6"
No. of Blades (or Floats) 4 blades
Description of Screw (or Floats) Common
Holding down Bolts, size 2"
present condition good
Bilge Pumps, No. (two) and size 4" dia 12 1/2" Stroke
Feed No. (two) and size 4" " 12 1/2" "
Spare gear, if usual quantity on board Vessel Yes
Fuel, where stowed Alongside engines & Boiler
space between Coal Bunkers and Boilers 15"
for what quantity is space provided 50 tons
Donkey Engine and Boiler Yes
if fitted in Engine Room or on Deck Boiler on Deck, Donkey in engine room
can pump be worked by hand Yes
size of pump (5" dia) and stroke 10"
is hose of sufficient length to reach every part of the Vessel Yes
No. () and continuation of hand pumps, if fitted in Engine Room No Hand Pump in engine room

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.

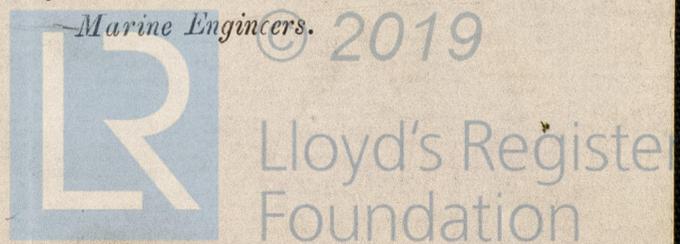
One Square, Return tubular, Boiler, with four Furnaces fired from after end, Fitted with Superheater

BOILER, maker of Plate Iron Dundee
age of 4 1/2 years
when last taken out Nov 1870
present condition good
working pressure 20 lbs
No. of surface Blow off Cocks to each Boiler One
Can each Boiler be used separately
What clear space between top of Boiler and woodwork 22"
What clear space between Funnel and woodwork 6"
Are Engine and Boiler Keelsons well connected fore and aft Yes
SCREW SHAFT length 29 10 diameter 7" Tunnel thickness of plating No tunnel height
width if water tight door on Engine Bulkhead.

Port of Dundee 19th day of May 1875

hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel Harvest Queen belonging to Dundee whereof W Webster is Master, 362 Tons Register, and 75 H.P. have been carefully inspected and examined by us at Dundee and we found the same, at this date, in good order and safe working condition.

Coulls Brothers & Co



Went Gouly have made a mistake
about this H.P. see their letter
of Feb. 4th 76 to Mr Alexander
it is altered in the new
book. edition to 90 H.P.
MS. 74/2/76



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Foundation