

P. S. Dacia

14358 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.

Engines Compound & surface condensing and of the inverted cylinders direct acting description with two high and two low pressure cylinders

ENGINES, maker of *George Clark*
 „ age of *seven years*
 „ last time taken out
 „ present condition *Good*
 Diameter of Cylinders *two 45" & two 23" dia.*
 Length of stroke *36"*
 No. per minute of Engines *about 60*
 „ of Screw
 Estimated power *170*
 Effective power
 Diameter of Screw (or Paddle Wheels) *14 ft*
 Pitch of Screw *17.9"*
 No. of Blades (or Floats) *4*
 Description of Screw (or Floats) *Expanding pitch*
 Holding down Bolts, size *1 1/2 dia.*
 „ present condition

Bilge Pumps, No. (*2*) and size *4 1/2" dia.*
 Feed „ No. (*2*) and size *4 1/2" dia.*
 Spare gear, if usual quantity on board Vessel
 Fuel, where stowed *in Bunkers*
 „ space between Coal Bunkers } *6"*
 and Boilers
 „ for what quantity is space provided

Donkey Engine and Boiler
 „ if fitted in Engine Room or on Deck } *Donkey Engine in Engine Room*
 „ can pump be worked by hand
 „ size of pump (*5"*) and stroke *12"*
 „ is hose of sufficient length to reach every part of the Vessel
 No. () and continuation of hand pumps, if fitted in Engine Room } *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.

Two Boilers of the Multitubular description with three fires in each fired from the Fore End

BOILER, maker of *George Clark*
 „ age of *New*
 „ when last taken out
 „ present condition
 „ working pressure *70 lbs*
 No. of surface Blow off Cocks to each Boiler } *one surface & one Blow Cock to each Boiler*

Can each Boiler be used separately *yes*
 What clear space between top of Boiler and woodwork } *4 ft*
 What clear space between Funnel and woodwork } *2 ft*
 Are Engine and Boiler Keelsons well connected fore and aft }

SCREW SHAFT length *81' 1"* diameter *from 9 1/4 to 8 3/4* Tunnel thickness of plating height
 width if water-tight door on Engine Bulkhead.

Port *Mundana* 5 day of *March* 1875

I hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "*Dacia*" belonging to
 whereof is Master, Tons Register, and *170* H.P. have been
 carefully inspected and examined by *me* at *Mundana* and *7* found the
 same, at this date, in good order and safe working condition.

W. R. Clark
W. R. Clark Jr.

Marine Engineers.



© 2019

Lloyd's Register Foundation