

10197 Jan

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.

Direct acting inverted. Compound 4 Cylinders
2. 44 Dia. 2. 23 1/2 Dia.

ENGINES, maker of *Thompson & Boyd*
,, age of *8 years*
,, last time taken out
,, present condition *Good.*
Diameter of Cylinder *44 x 23 1/2*
Length of stroke *30 1/2 in*
No. per minute of Engines *50*
,, of Screw
Estimated power *130*
Effective power *540*
Diameter of Screw (or Paddle Wheels) *14 ft*
Pitch of Screw *17 ft*
No. of Blades (or Floats) *3*
Description of Screw (or Floats) *true pitch.*
Holding down Bolts, size
,, present condition *good*

Bilge Pumps, No. (*2*) and size *4 5/8 Dia*
Feed ,, No. (*2*) and size *2 1/2*
Spare gear, if usual quantity on } *yes*
board Vessel
Fuel, where stowed *alongside of Boilers and Tanker*
,, space between Coal Bunkers } *6*
and Boilers
,, for what quantity is space provided *400 Tons*
Donkey Engine and Boiler *Boiler on deck*
,, if fitted in Engine Room or } *yes in Engine Room*
on Deck
,, can pump be worked by hand *yes*
,, size of pump (*5 in*) and stroke *10 in*
,, is hose of sufficient length to } *yes*
reach every part of the Vessel
No. (*23*) and continuation of hand } *1 in Engine Room*
pumps, if fitted 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 force, or after end of Boiler, &c.

2 Multitubular. 2 furnaces in each Boiler. Steam Receivers Horizontal fired from forward

BOILER, maker of *L. Dickenson*
,, age of *new*
,, when last taken out
,, present condition
,, working pressure *6.5 lbs*
No. of surface Blow off Cocks to } *1*
each Boiler

Can each Boiler be used separately *yes*
What clear space between top of } *6.0 -*
Boiler and woodwork
What clear space between Funnel } *6.0 -*
and woodwork
Are Engine and Boiler Keelsons } *yes*
well connected fore and aft

SCREW SHAFT length *60 ft* about diameter *8 1/2* Tunnel, thickness of plating *1/4* height *14-0* about
width *5.6* about if water-tight door on Engine Bulkhead. *yes*

Port *Amsterdam*, *28* day of *May* 18*72*

W hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel "*Adatia*" belonging to *Amsterdam* London whereof *Thos. Vanderson* is Master, *95 1/2* Tons Register, and *130* H.P. have been carefully inspected and examined by *us* at *Amsterdam* and we found the same, at this date, in good order and safe working condition.

Wm Dickenson
A. D. van der
Marine Engineers.