

'Lap Tek' No 3

11173 Row

London No 32438

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Supp 41

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, Double Compound, Surface Condensing
Screw Engines. Cylinders four in number

ENGINES, maker of *W & J. Almond*
age of *new*
last time taken out
present condition *good*
Diameter of Cylinder *2 - 16 in dia & 2 - 32 in dia*
Length of stroke *36 inches*
No. per minute of Engines *60*
of Screw *60*
Estimated power *95*
Effective power *360*
Diameter of Screw (or Paddle Wheels) *10 ft 8 in*
Pitch of Screw *16 ft 6 in*
No. of Blades (or Floats) *4*
Description of Screw (or Floats) *Common*
Holding down Bolts, size *1 1/4 in*
present condition *good*

Bilge Pumps, No. (*2*) and size *3 3/4 in*
Feed „ No. (*2*) and size *3 3/4 in*
Spare gear, if usual quantity on board Vessel *yes*
Fuel, where stowed *bunkers*
space between Coal Bunkers and Boilers *8 in*
for what quantity is space provided *120 tons*
Donkey Engine and Boiler *yes*
if fitted in Engine Room or on Deck *engine room*
can pump be worked by hand *yes*
size of pump (*3 1/2*) and stroke *1 1/2 in*
is hose of sufficient length to reach every part of the Vessel *yes*
No. () and continuation of hand 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 fore, or after end of Boiler, &c.

One Circular Tubular Boiler, three furnaces fired from fore end of Boiler

BOILER, maker of *M^r Jos. B. Lingham*
age of *new*
when last taken out
present condition *good*
working pressure *60 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 *14 in*
What clear space between Funnel and woodwork *3*
Are Engine and Boiler Keelsons well connected fore and aft *yes*

Screw Shaft length *68 ft* diameter *7 3/4 in* Tunnel, thickness of plating *3/16 in* height *5 ft*
width *3 ft 6 in* if water-tight door on Engine Bulkhead. *yes*

Port

19th day of *April* 18*73*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *Lark* *Ex-Lap Tek* belonging to *London* whereof *Parke* is Master, *461.99* Tons Register, and *95* H.P. have been carefully inspected and examined by *me* at *London* and have found the same, at this date, in good order and safe working condition.

W & J. Almond

Lloyd's Register

Marine Engineers.

IRON 453-0321