

Iron 5058

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 Compound Oscillating Engines with two cylinders *Rev 30/8/75*

ENGINES, maker of *John Elder & Co*
 „ age of *New*
 „ last time taken out *—*
 „ present condition *New*
 Diameter of Cylinders *H.P. 41 ins L.P. 42 ins*
 Length of stroke *5 feet*
 No. per minute of Engines *about 35 Revs.*
 of Screw *—*
 Estimated power *220 H.P.*
 Effective power *about 1100 I.H.P.*
 Diameter of Screw (or Paddle Wheels) *19' 7" over floats*
 Pitch of Screw *—*
 No. of Blades (or Floats) *9 in each wheel*
 Description of Screw (or Floats) *Feathering*
 Holding down Bolts, size *1 1/4" dia*
 „ present condition *New*

Bilge Pumps, No. (*2*) and size *6 1/2" dia x 14 1/2" stroke*
 Feed „ No. (*2*) and size *6 1/2" dia x 20 1/2" stroke*
 Spare gear, if usual quantity on board Vessel *None*
 Fuel, where stowed *Alongside of Boilers*
 „ space between Coal Bunkers and Boilers *about 22 in*
 „ for what quantity is space provided *About 40 tons*
 Donkey Engine and Boiler *Yes*
 „ if fitted in Engine Room or on Deck *Engine in Engine Room Boilers in fore & aft*
 „ can pump be worked by hand *Fitted with Hand Pump additional*
 „ size of pump (*3 1/2" dia*) and stroke *6" double acting*
 „ is hose of sufficient length to reach every part of the Vessel *—*
 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.

Two Cylindrical Tubular Boilers, fired from one end, fore and aft - No superheating apparatus

BOILER, maker of *John Elder & Co*
 „ age of *New*
 „ when last taken out *—*
 „ present condition *New*
 „ working pressure *60 lbs*
 No. of surface Blow off Cocks to each Boiler *one*
 Screw Shaft length *—* diameter *—* Tunnel thickness of plating *—* height *—*
 width *—* if water tight door on Engine Bulkhead. *—*

Can each Boiler be used separately *Yes*
 What clear space between top of Boiler and woodwork *about 9 ins*
 What clear space between Funnel and woodwork *Funnel is altogether above deck*
 Are Engine and Boiler Keelsons well connected fore and aft *Yes*

Port *Glasgow* *25th* day of *August* 18 *75*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *"Paris"* belonging to *Newhaven* whereof *Charles Frederick Payne* is Master, *483* Tons Register, and *220* H.P. have been carefully inspected and examined by *us* *28th* at *Glasgow* and *we* found the same, at this date, in good order and safe working condition.

John Elder & Co

Marine Engineers.

