

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, Surface Condensing
Screw engines.*

ENGINES, maker of *North Eastern Marine Engineering Co.*
 „ age of *New*
 „ last time taken out *Do*
 „ present condition *Do*
 Diameter of Cylinder *27" and 50"*
 Length of stroke *30"*
 No. per minute of Engines *65*
 „ of Screw *65*
 Estimated power *110* *110*
 Effective power *44.0*
 Diameter of Screw (or Paddle Wheels) *12 feet*
 Pitch of Screw *12 to 15 feet*
 No. of Blades (or Floats) *4*
 Description of Screw (or Floats) *Common*
 Holding down Bolts, size *1 1/2"*
 „ present condition *New*

Bilge Pumps, No. (*2*) and size *3" dia x 30" stroke*
 Feed „ No. (*2*) and size *3" x 30"*
 Spare gear, if usual quantity on } *Yes*
 board Vessel
 Fuel, where stowed *Side bunkers in Engine room*
 „ space between Coal Bunkers } *9"*
 and Boilers
 „ for what quantity is space provided
 Donkey Engine and Boiler *Yes*
 „ if fitted in Engine Room or } *Engine room*
 on Deck
 „ can pump be worked by hand *Yes*
 „ size of pump (*4"*) and stroke *6"*
 „ is hose of sufficient length to } *Yes*
 reach every part of the Vessel
 No. (*1*) and continuation of hand } *New*
 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 end, or after end of Boiler, &c.

*Two cylindrical tubular boilers, with two furnaces in each boiler
fired from fore end. No superheating apparatus.*

BOILER, maker of *North Eastern Marine Engineering Co.*
 „ age of *New*
 „ when last taken out *Do*
 „ present condition *Do*
 „ working pressure *7.3 lbs*
 No. of surface Blow off Cocks to } *one*
 each Boiler

Can each Boiler be used separately *Yes*
 What clear space between top of } *2'-0"*
 Boiler and woodwork
 What clear space between Funnel } *2'-0"*
 and woodwork
 Are Engine and Boiler Keelsons } *Yes*
 well connected fore and aft

SCREW SHAFT length *84 feet* diameter *8 1/2"* Tunnel, thickness of plating *1/4"* height *4'-9"*
 width *3'-9"* if water-tight door on Engine Bulkhead. *Yes.*

Port *London* day of *September* 187*1*

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood)
 Screw (or Paddle) Steam Vessel *"Pickwick"* belonging to
 whereof *is* Master, *Tons* Register, and *110* H.P. have been
 carefully inspected and examined by *at* and *We* found the
 same, at this date, in good order and safe working condition.

For and on behalf of the North Eastern
 Marine Engineering Company

Marine Engineers.

Walter Beattie

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