

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.

Compound direct acting inverted cylinders, with surface condenser.

*11606
H607*

ENGINES, maker of *W.B. Thompson Dundee*

„ age of *new*

„ last time taken out

„ present condition *new*

Diameter of Cylinder *High pressure = 27" low pressure = 30"*

Length of stroke *33 ins.*

No. per minute of Engines

„ of Screw

Estimated power *120 H.P.*

Effective power

Diameter of Screw (or Ratchet Wheels) *12'6"*

Pitch of Screw *16'6"*

No. of Blades (or Floats) *Four*

Description of Screw (or Floats) *Common*

„ ding down Bolts, size *6 = 1 3/4" and 3 = 1 1/2"*

present condition *new*

Bilge Pumps, No. (*two*) and size *5' dia. x 7" stroke*

Feed „ No. (*one*) and size *5' dia. x 7" stroke double actg.*

Spare gear, if usual quantity on board Vessel

Fuel, where stowed *In hold of ship between stow hole & hold*

„ space between Coal Bunkers and Boilers *6'0"*

„ for what quantity is space provided

Donkey Engine and Boiler

„ if fitted in Engine Room or on Deck *In Engine room*

„ can pump be worked by hand *yes*

„ size of pump () and stroke *3' dia. x 9" stroke*

„ 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 Boilers 10'3" diam. x 10'0" long with 2 furnaces in each. Boilers tubular, fired from forward, fitted with steam dome but no superheater.

BOILER, maker of *W.B. Thompson Dundee*

„ age of *new*

„ when last taken out

„ present condition *new*

„ working pressure *65 lbs.*

No. of surface Blow off Cocks to each Boiler *one*

Can each Boiler be used separately *yes*

What clear space between top of Boiler and woodwork

What clear space between Funnel and woodwork *1'4"*

Are Engine and Boiler Keelsons well connected fore and aft *yes*

SCREW SHAFT length *17'3"* diameter *8 3/4"* Tunnel, thickness of plating height
width if water-tight door on Engine Bulkhead. *yes.*

Port *of Port Blair* day of *16 June* 18 *73*

hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *"Compass"* belonging to *India Sumatra Flg* whereof *John* is Master, Tons Register, and *120* H.P. have been carefully inspected and examined by *me* at *Port Blair* and found the same, at this date, in good order and safe working condition.

W.B. Thompson
Eng. Surveyor
Marine Engineer.