

Report No. 3200
 LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER'S CERTIFICATE. 1159920

Following is a true Account of the Particulars of the Machinery and Boilers:—

ES.—Here state description of Engines, whether Direct Acting or Geared, Inverted, Horizontal, Diagonal, or Oscillating Cylinders; No. of Cylinders, &c.

Compound Engine with direct acting inverted cylinders One high and one low pressure

INES, maker of Mair & Co.
 „ age of new
 „ last time taken out _____
 „ present condition _____
 Diameter of Cylinder 28" and 146"
 Length of stroke 30"
 No. per minute of Engines about 65
 „ of Screw _____
 Estimated power 80 HP
 Effective power about 320 HP
 Diameter of Screw (or Paddle Wheels) 11 ft.
 Pitch of Screw about 14 ft.
 No. of Blades (or Floats) 4
 Description of Screw (or Floats) _____
 Holding down Bolts, size 2" diam
 present condition new

Bilge Pumps, No. (2) and size 3 1/4" diam
 Feed „ No. (2) and size 3 1/4" diam
 Spare gear, if usual quantity on } yes
 board Vessel
 Fuel, where stowed In Bunkers
 „ space between Coal Bunkers } 12"
 and Boilers
 „ for what quantity is space provided 100 tons
 Donkey Engine and Boiler Boiler on deck
 „ if fitted in Engine Room or } Engine below
 on Deck
 „ can pump be worked by hand yes
 „ size of pump (7 1/2") and stroke 9" double acting
 „ is hose of sufficient length to } deck
 reach every part of the Vessel
 No. () and continuation of hand }
 pumps, if fitted in Engine Room }

OILER.—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 Tubular Boiler with four furnaces fired from forward.

BOILER, maker of Mair & Co.
 „ age of new
 „ when last taken out _____
 „ present condition _____
 „ working pressure 65 lbs
 No. of surface Blow off Cocks to } 1 surface & 1 bottom
 each Boiler } Blow off cocks
 NEW SHAFT length 16' 7" diameter 7 5/8" Tunnel, thickness of plating 1/16 in. height 4' 4"
 width 3' 2" if water-tight door on Engine Bulkhead. Yes

Can each Boiler be used separately _____
 What clear space between top of } 1' 6"
 Boiler and woodwork }
 What clear space between Funnel } 2 ft
 and woodwork }
 Are Engine and Boiler Keelsons } yes
 well connected fore and aft }

Port of Stockton 24 day of June 1873

We hereby certify, that the whole of the above Machinery and Boilers of the Iron (or Wood) new (or Paddle) Steam Vessel "Daisy" belonging to Messrs. Humblard & Co.
 of Joseph Lethe is Master, 418 1/2 Tons Register, and 80 H.P. have been
 fully inspected and examined by us at Stockton on Tees and we found the
 ne, at this date, in good order and safe working condition.

Pro Blair & Co. Ltd.
 Marine Engineers.

IRON 454-0372