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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.

No 230 — S. S. "Statera"

Engines 2 Cylinders direct-acting inverted, with Surface Condensers

ENGINES, maker of	Palmer's Shipbuilding & Iron Co. (Limited)	Bilge Pumps, No. (2) and size	5½" diam. 10" stroke
" age of	new	Feed " No. (2) and size	5½" diam. 10" stroke
" last time taken out	—	Spare gear, if usual quantity on board Vessel	yes
" present condition	—	Fuel, where stowed	in side bunkers
Diameter of Cylinder	40 inches	" space between Coal Bunkers and Boilers	6" to 9 inches
Length of stroke	2ft. 6 in.	" for what quantity is space provided	110½ tons
No. per minute of Engines	68	Donkey Engine and Boiler	Crane boiler on Deck
" of Screw	68	" if Fitted in Engine Room or on Deck	to serve for Feed and Ballast
Estimated power	160 H.P.	" can pump be worked by hand	yes
Effective power	450 H.P.	" size of pump (4") and stroke	8" double acting
Diameter of Screw (or Paddle Wheels)	11ft. 1½ in.	" is hose of sufficient length to reach every part of the Vessel	yes
Pitch of Screw	16 - 0	No. () and condition of hand pumps, if fitted in Engine Room	Donkey pumps can be worked by hand
No. of Blades (or Floats)	4		
Description of Screw (or Floats)			
Holding down Bolts, size	2½" diam.		
" present condition	new		

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 Tubular Boiler with 4 Furnaces fitted with steam dryer, and fired from fore end —

BOILER, maker of	Palmer's Shipbuilding and Iron Co. Limited	Can each Boiler be used separately	—
" age of	new	What clear space between top of Boiler and woodwork	5ft. - 10 in.
" when last taken out	—	What clear space between Funnel and woodwork	14 inches
" present condition	—	Are Engine and Boiler Keelsons well connected fore and aft	yes
" working pressure	40 lbs per Sq. inch		
No. of surface Blow off Cocks to each Boiler	one		
Screw Shaft length	14ft. 6 in. diameter 9"	Tunnel, thickness of plating	height No tunnel
width	18 water-tight door on Engine Bulkhead		

Port Newcastle 15th day of June 1868

The hereby certify, that the whole of the above Machinery and Boilers of the Iron (~~or~~ ~~Steel~~) Screw (~~or~~ ~~Paddle~~) Steam Vessel "Statera" belonging to London whereof P. J. Way is Master, 822.91 Tons Register, and 160 H.P. have been carefully inspected and examined by us at Larnac & Sons and we found the same, at this date, in good order and safe working condition.

In Palmer's S. S. Co. Ltd.

J. C. Marshall

Marine Engineers.

IRON500-0315