

COPY.

Q. J. Lloyd's Register of Shipping, *H*

71, Fenchurch Street, E.C. 3.

31st August, 1928.

Dear Sirs,

I am in receipt of your letter of the 29th instant, respecting the shafting of the Bauer Wach gear for vessels of the Commonwealth & Dominion Line, and have to acquaint you as follows, viz:-

S.S. "PORT MELBOURNE" and S.S. "PORT SYDNEY"

It is noted that the revolutions per minute of the propeller will be 84, when the reciprocating engines and low pressure turbine are working in conjunction, and this is in order.

S.S. "PORT HARDY"

With steam reciprocating engines for open sea service and having cylinders $22\frac{1}{2}$ " 38 " and $63\frac{1}{2}$ " diameter by 48 " stroke, working pressure 200 lb. per sq. inch, combined with an exhaust steam turbine on the "Bauer Wach" system, each reciprocating engine having an I.H.P. of 2040 and the exhaust steam turbine an S.H.P. of 1160 at the primary pinion, and revolutions per minute 905 when the reciprocating engine and turbine are working in conjunction, the sizes of shafting, viz:- existing intermediate shafts $12\frac{1}{2}$ " and proposed new thrust shaft 350 mm.

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(13.78") diameter will be approved.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,

NEWCASTLE.



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