

Messrs. Swan, Hunter & Wigham Richardson Ltd.

Orders Nos. 1308, 1310, 1312 and 1314.

t.s.s. "PORT CAMPBELL", "PORT BRISBANE", "PORT AUCKLAND" and  
"PORT WELLINGTON".

Bauer-Wach Installations.

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IT IS SUBMITTED that with steam reciprocating engines for open sea service and having cylinders  $22\frac{1}{2}$ "  $38$ "  $63\frac{1}{2}$ " dia., 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 2100 and the exhaust steam turbine a S.H.P. of 1200 at the primary pinion, and revolutions per minute of the intermediate shaft  $93\frac{1}{2}$  when the reciprocating engine and turbine are working in conjunction, the sizes of shafting, viz:- existing intermediate shafts  $12\frac{7}{8}$ " and proposed new thrust shaft 350 mm. ( $13.78$ " ) diam., merit approval, in accordance with the present practice.

*J.R.B.*

*[Signature]*

24.8.28.

*Lr. Awe  
24/8/28*



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