

s. s. "CLAN MACKENZIE".

No. 17959 in Register Book.

Messrs. Act. Gesel "Weser", Bremen.

Bauer-Wach Exhaust Turbine Installation.

IT IS SUBMITTED that with steam reciprocating engines for open sea service having cylinders 27", $42\frac{1}{2}$ " and $73\frac{3}{4}$ " dia. by 48" stroke, working pressure 180 lb. per sq. inch, combined with an exhaust turbine on the Bauer-Wach System, the total SHP under sea conditions being 3122 at 76.5 R.P.M., propeller 18'6" diameter and screwshaft fitted with continuous liner, the sizes of existing intermediate and screwshafts, viz:- $15\frac{1}{8}$ " and $16\frac{3}{4}$ " diameter respectively merit approval, in accordance with the usual practice.

Further, the size of proposed new thrust shaft, viz:- 358 mm. diameter also merits approval.

Return 3 plans. (unstamped)
Retain copies.

AWBE
WDA
30.1.30.

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