

COPY.

Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

10th March, 1939.

Dear Sirs,

E. I am in receipt of your letter of the 7th instant, forwarding one from Messrs. Swan, Hunter & Wigham Richardson Ltd., relating to intermediate and screw shafting proposed for their Engine No.1624, Yard No. 1569.

With regard thereto I have to inform you that with 2 SC opposed piston oil engines for main propelling purposes, having 5 cylinders, diameter 670 mm., combined stroke 2320 mm., revolutions per minute 110, maximum pressure in cylinders 45 Kgs per sq. cm., M.I.P. 89 lb. per sq. inch, B.H.P. 5350, weight of forward flywheel 3.5 tons, diameter 5'-6", weight of aft flywheel .85 tons, diameter 8'-2", diameter of propeller 16'-9", and screw shaft with continuous liner, the following sizes of shafting will be approved, viz:-

Intermediate...	15.5/8" diameter. ✓
Screw.....	17.9/16" diameter, reduced to 16.7/8" diameter at forward end.

I may add that the minimum size of intermediate shaft which could be accepted in accordance with the usual practice is 15" diameter.

I am, Dear Sirs,
Yours faithfully,

The Surveyors,

NEWCASTLE-ON-TYNE.



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Foundation
Secretary.