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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosure.

RETAIN

26th October, 1937.

Dear Sirs,

E.

Messrs. Swan, Hunter & Wigham Richardson Ltd.
Yard No. 1598 - M.V. "BRITISH PETROL".

I duly received your letter of the 19th instant, with enclosures, respecting shafting proposed in connection with the above vessel.

The plans have been examined and I have to inform you that with 2 SCDA oil engines for main propelling purposes, having 6 cylinders, diameter 600 mm., stroke 900 mm., span of bearings 32.3", revolutions per minute 107, maximum pressure in cylinders, top 625 lb. per sq. inch, bottom 590 lb. per sq. inch, M.I.P., top 82 lb. per sq. inch, bottom 72 lb. per sq. inch, B.H.P. 3000, WR² of flywheel 60,000 lb. ft²., diameter of propeller 15'- 9", and screw shaft with continuous liner, the following sizes of shafting will be approved, viz:-

Crank..... 16 $\frac{1}{2}$ " diameter, with 2 $\frac{3}{8}$ " diameter central hole.
Intermediate.. 15 $\frac{1}{2}$ ".
Thrust..... 27".
Screw..... 15 $\frac{1}{2}$ ".

The plans showing details of thrust and intermediate shafting will also be approved, it being noted

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Messrs. Swan, Hunter & Wigham
Richardson, Yard No. 1598.

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that it is proposed to retain the existing screw shaft
and stern tube.

Two sets of the plans now approved are
returned herewith, and as requested, the Barrow First Entry
Report No. 2456 for the M.A.N. engines, together with the
plan of crankshaft, is also enclosed.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,
NEWCASTLE-ON-TYNE.



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