

Shafting Endorsement.Shipbuilders: Messrs. *Clelands*Yard No. *77*Engineers: Messrs. *British Polar Engines Ltd* Engine No.

It is submitted that with engines for main propelling purposes having particulars as stated below, the following sizes of shafting <sup>meet the requirements of the Rules</sup> ~~merit approval~~, viz.:

Sizes of Shafting:

<del>Crank</del>	<del>Flywheel</del>	<del>Thrust</del>
Intermediate <i>9" dia</i>	<del>Tube</del>	Screw <i>7" dia</i>

Particulars of Engines:

Engine Type	<i>2.S.C.S.A.</i>	Max. Press. in Cylinders	<i>760 lb/in<sup>2</sup></i>
		<del>M.I.P. or M.E.P.</del>	
		<del>I.H.P. or B.H.P.</del>	<i>430</i>
No. of Cylinders	<i>5</i>	Weight of Flywheel	<i>2,200 lbs.</i>
Diam. of Cylinders	<i>250 mm.</i>	Diam. of Flywheel	<i>41½"</i>
Stroke	<i>420 mm.</i>	<del>GD<sup>2</sup> of Balance Weights</del>	
<del>Span of Bearings</del>	<del>—</del>	<del>GD<sup>2</sup> of Turning Wheel</del>	
Revs. per Min.	<i>350</i>	Diam. of Propeller	<i>64"</i>
		Screw Shaft Without Continuous Liner	

The plan showing details of stern tube and shafting also meets the requirements of the Rules provided the diameter of the screw shaft at the top of the cone be not less than *5" diameter*.

It is noted that an oil gland of an approved type will be fitted to the after end of the stern tube and when this has been installed to the Surveyor's satisfaction the vessel will be entitled to the notation "O.G." in the Register Book.

It should, however, be pointed out that before final approval can be given to the proposed sizes of shafting the particulars required by Notice 1803 dated 15/7/43 should be forwarded to this office for consideration.

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