

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. *Vickers Armstrongs* Yard No. 726
~~Engineers~~ ^{Mahers}: Messrs. *Plenty & Son, Ltd.* Engine No.

It is submitted that with engines for main propelling purposes, having particulars as stated below, the following size of shafting merit approval, viz.:

Sizes of Shafting:

Crank	Flywheel	Thrust
Intermediate $5\frac{9}{16}$ " dia. Tube		Screw $6\frac{1}{2}$ " dia reduced to $5\frac{13}{16}$ " forward of gland

Particulars of Engines:

Engine Type <i>2. S. C. S. A.</i>	Max. Press. in Cylinders
Open Sea Service	M.I.P. or M.E.P.
Smooth Water Service	I.H.P. or B.H.P. 500
No. of Cylinders 4	Weight of Flywheel 2030 kg.
Diam. of Cylinders 340 m.m.	Diam. of Flywheel 1550 m.m.
Stroke 570 m.m.	GD² of Balance Weights
Span of Bearings	GD² of Turning Wheel
Revs. per Min. 220	Diam. of Propeller 7'-5"
	Screw Shaft Without Continuous Liner

Plan showing details of shafting and stern gear also merits approval. and lubricating arrangements
 When the oil retaining gland have been fitted to the Surveyor's satisfaction the vessel will be entitled to the notation O. 6 in the Register Book.

Return Plan .

Request-
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Lloyd's Register
 Foundation

W81-0142