

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. *Guisen + Zonen* Yard No *661*

Engineers: Messrs. Engine No.

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

Sizes of Shafting:

Crank	Flywheel	Thrust
Intermediate <i>145 mm dia</i>	Tube	Screw <i>170 mm dia.</i>

Particulars of Engines:

Engine Type <i>25.C.S.A</i>	Max. Press. in Cylinders <i>700 lbf/in²</i>
Open Sea Service	M.I.P. or M.E.P.
Smooth Water Service	I.H.P. or B.H.P. <i>640</i>
No. of Cylinders <i>4</i>	Weight of Flywheel <i>2580 Kg.</i>
Diam. of Cylinders <i>340 mm.</i>	Diam. of Flywheel <i>1550 mm.</i>
Stroke <i>570 mm.</i>	GD² of Balance Weights
Span of Bearings	GD² of Turning Wheel
Rev's. per Min. <i>250</i>	Diam. of Propeller <i>2170 mm.</i>
	Screw Shaft Without Continuous Liner

The plans showing details and arrangement of straight shafting also merit approval.

In 31/3

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John B.

R.M.
30-3-39

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