

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs.

Yard No.

Engineers: Messrs. *SA. Chantre, Ateliers* 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	<i>295 m/m</i>	Flywheel	Thrust
Intermediate		Tube	Screw

Particulars of Engines:

Engine Type *4 PCSA*

Max. Press. in Cylinders *46 Kg/cm²*

Open Sea Service

M.I.P. or ~~M.E.P.~~ *7.22 Kg/cm²*

~~Smooth Water Service~~

I.H.P. or ~~B.H.P.~~ *1250*

No. of Cylinders *7*

~~Weight of Flywheel~~

Diam. of Cylinders *450 m/m*

~~Diam. of Flywheel~~

Stroke *850 m/m*

~~GD² of Balance Weights~~

Span of Bearings *600 m/m*

~~GD² of Turning Wheel~~

Revs. per Min. *165-170*

~~Diam. of Propeller~~

~~Screw Shaft Without Continuous Liner~~

The plan showing details of Crankshaft also merits approval.

It should be pointed out that the elongation on the material of the crankpins & journals should be not less than 25% measured on the Society's test piece.

Return *2* Plans.

Retain Copy.

16/3/36

