

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. *M.V. "Benjamin Franklin"* Yard No.

Engineers: Messrs. 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>460 mm. dia with</i>	Flywheel	Thrust
	<i>115 mm. central hole</i>		
Intermediate		Tube	Screw

Particulars of Engines:

Engine Type *4 S.C. S.A.*

Open Sea Service

~~Smooth Water Service~~

No. of Cylinders *6*

Diam. of Cylinders *740 mm.*

Stroke *1300 mm.*

Span of Bearings *984 mm.*

Revs. per Min. *128*

Max. Press. in Cylinders *49 kg/cm²*

M.I.P. ~~or~~ M.E.P. *6.75 kg/cm²*

I.H.P. ~~or~~ B.H.P. *5100*

~~Weight of Flywheel~~

~~Diam. of Flywheel~~

GD² of Balance Weights *26,000 Kg M²*

GD² of Turning Wheel *15,500 Kg M²*

~~Diam. of Propeller~~

Screw Shaft Without Continuous Liner

The Plan showing details of crankshaft also merits approval

L21/10/36
Return Plans.

Retain Copy.

E. 1. 1m, 236. T.

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