

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:

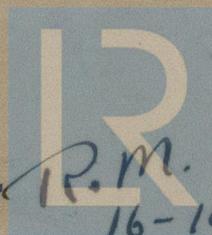
Engine Type	<i>4 S.C. S.A.</i>	Max. Press. in Cylinders	<i>49 kg/cm²</i>
Open Sea Service		M.I.P. or M.E.P.	<i>6.75 kg/cm²</i>
Smooth Water Service		I.H.P. or B.H.P.	<i>5100</i>
No. of Cylinders	<i>6</i>	Weight of Flywheel	
Diam. of Cylinders	<i>740 mm.</i>	Diam. of Flywheel	
Stroke	<i>1300 mm.</i>	GD ² of Balance Weights	<i>26,000 Kg M²</i>
Span of Bearings	<i>984 mm.</i>	GD ² of Turning Wheel	<i>15,500 Kg M²</i>
Revs. per Min.	<i>128</i>	Diam. of Propeller	
		Screw Shaft Without Continuous Liner	

The Plan showing details of crankshaft also merits approval

L21/10/36
Return Plans.

Retain Copy.

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