

MAIN PROPELLING OIL ENGINES.Shafting Endorsement.Shipbuilders: Messrs. *M/T "Twenna"*

Yard No. in R.B. 36962

Engineers: Messrs. *Ziegler Frères, Dunkerque* Engine No *TYPE TMS-306*NEW ENGINES

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:

Combined Crank & Thrust	180 mm dia	Flywheel	Thrust
and	185 mm. dia.	in way of thrust	
Intermediate		Tube	Screw

Particulars of Engines:

Engine Type	4-S.C.S.A.	Max. Press. in Cylinders	4.7 kps/cm ²
Open Sea Service		M.I.P. or M.E.P.	5.7 kps/cm ²
Smooth Water Service		I.H.P. or B.H.P.	
No. of Cylinders	6	Weight of Flywheel	
Diam. of Cylinders	300 mm	Diam. of Flywheel	
Stroke	480 mm	GD ² of Balance Weights	
Span of Bearings	380 mm	GD ² of Turning Wheel	
Revs. per Min.	340	Diam. of Propeller	
		Screw Shaft Without Continuous Liner	

The plan of combined crank and thrust shaft also merits approval, provided the sum of the ultimate tensile strength of the material of the shaft in tons/in.² and the percentage of elongation measured on the Society's standard forging test piece be not less than 57.

Return Plan (1)

Retain Copy (1)

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