

MAIN PROPELLING OIL ENGINES.

URGENT.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. **WOOD AUXILIARY YACHT "LILY MAID IV"** Yard No.

Engineers: Messrs. **W.M. ALLEN SONS & Co.** Engine No.

It is submitted that with engines for main propelling purposes, having particulars as stated below, the ~~following~~ ^{best} size of the shafting merit approval, viz.: *existing manganese bronze*

Sizes of Shafting: *screw shaft viz:- 2 3/4" diameter merits approval*

Crank Flywheel Thrust
Intermediate Tube Screw 2 3/4"

Particulars of Engines:

Engine Type	4 S.C.S.A.	Max. Press. in Cylinders	600 lbs ^o
Open Sea Service		M.I.P. or M.E.P.	
Smooth Water Service		I.H.P. or B.H.P.	100
No. of Cylinders	6	Weight of Flywheel	320 lbs
Diam. of Cylinders	145 mm	Diam. of Flywheel	640 mm.
Stroke	180 "	GD ² of Balance Weights	
Span of Bearings		GD ² of Turning Wheel	
Revs. per Min. Engine	1120	Diam. of Propeller	36"
" " " Propeller	460	Screw Shaft Without Continuous Liner	

The Firm should be informed by wire and asked to confirm the particulars mentioned above, which were received by telephone.

W.J.F.
25/4/34.



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Return Plan .
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