

MAIN PROPELLING OIL ENGINES.Shafting Endorsement.Shipbuilders: Messrs. *Alex. Stephen*Yard No *561/2*Engineers: Messrs. *Barclay Curle*Engine No. *E.W. 116/7*

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:

*(Leather pin 450 mm. with 150 mm hole)*  
Crank *(Side pins & journals 450 mm)* ~~Flywheel~~

Thrust *450 mm.*Intermediate *13.375 "* TubeScrew *14.66 "*Particulars of Engines:Engine Type *2 sc opposed piston*Max. Press. in Cylinders *568 lb/in<sup>2</sup>*

Open Sea Service

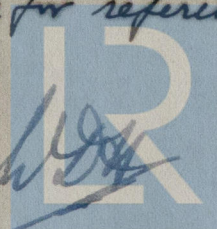
M.I.P. ~~or M.E.P.~~ *82 lb/in<sup>2</sup>*~~Smooth Water Service~~~~I.H.P. or B.H.P.~~ *2700*No. of Cylinders *4*~~Weight of Flywheel~~Diam. of Cylinders *600 mm*~~Diam. of Flywheel~~Stroke *(combined) 2320 mm*~~GD<sup>2</sup> of Balance Weights~~Span of Bearings *side rods 1200 mm* ~~GD<sup>2</sup> of Turning Wheel~~Revs. per Min. *95*Diam. of Propeller *15 ft 6 ins*Screw Shaft With ~~out~~ Continuous Liner

The plan showing details of crank & thrust shafts and the particulars of intermediate & screw shafting as stated in Messrs. Alex. Stephen's letter of 11/5/37 also merit approval.

It is noted that the engine superstructure will be of fabricated welded construction and plans of these parts should be forwarded to this office for reference.

Return/Plan .

Retain/Copy.



© 2020

Lloyd's Register  
Foundation

24/5/37