

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs. *John P. Hoenigroft & Co.* Yard No. *1172*

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~~

~~Flywheel~~

Thrust { *3 3/4" dia. increasing*
to 5 1/2" dia at forward end.
Screw *3 7/8" dia.*

Intermediate *3 1/2" dia*

~~Tube~~

Particulars of Engines:

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

Max. Press. in Cylinders *700 lb/sq in*

Open Sea Service

~~M.I.P. or M.E.P.~~

~~Smooth Water Service~~

~~I.H.P. or B.H.P.~~ *190*

No. of Cylinders *6*

Weight of Flywheel *1050 Kg.*

Diam. of Cylinders *220 mm.*

Diam. of Flywheel *750 mm.*

Stroke *330 mm.*

~~GD² of Balance Weights~~

~~Span of Bearings~~

~~GD² of Turning Wheel~~

Revs. per Min. *380*

Diam. of Propeller *4'-0"*

Screw Shaft Without Continuous Liner

Plans No 33466 & 33467 showing arrangement and details of straight shafting also merit approval.

Return Plans.

Retain 2 Copies

E.1. 1m.236. T.

23/10/36
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