

MAIN PROPELLING OIL ENGINES.

W485-0203

E1.

Shafting Endorsement.

Shipbuilders: Messrs.

Yard No

Engineers: Messrs.

Harland & Wolff. Ltd. Engine No. *10036*

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~~

Intermediate

9 5/8"

~~Tube~~

Screw

11"

Particulars of Engines:

Engine Type *2 S.C.S.A.*

Max. Press. in Cylinders *700 lbs/sq"*

Open Sea Service

M.I.P. ~~or~~ M.E.P. *100 lbs/sq"*

~~Smooth Water Service~~

FOR EACH ENGINE

I.H.P. ~~or~~ B.H.P. *1750/1950*

No. of Cylinders *6*

Weight of Flywheel *1000 Kgs*

Diam. of Cylinders *500 mm*

Diam. of Flywheel *1654 mm*

Stroke *900 mm*

WEIGHT

~~of~~ of Balance Weights *3240 Kgs.*

~~Span of Bearings~~

RADIUS OF GYRATION OF "

" *608 mm*

~~of~~ of Turning Wheel

Revs. per Min. *140/146*

Diam. of Propeller *12'-0"*

Screw Shaft With ~~out~~ Continuous Liner

The following particulars also merit approval, viz.:-

Thickness of propeller shaft liner at bearings = 1/16"

" " " " between " = 17/32"

Length of stern bush = 48"

Couplings, flange thickness 2 5/8", Radius of fillets 1 1/2".

~~Return Plan~~

Six coupling bolts 2 1/2" diameter on 16" pitch circle diameter.

~~Retain Copy~~

E.1. 5c.12.36. T.

L1/3/37

W.D.A.

26-2-37.

Lloyd's Register
Foundation