

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs.

Bremer Vulkan

Yard Nos 748, 749, 750

Engineers: Messrs.

do

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

390 mm. dia. tapering to 360 mm at coupling.

Intermediate *355 mm. dia* ~~Tube~~

Screw *388 mm. dia.*

Particulars of Engines:

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

Max. Press. in Cylinders

45 Ky/cm²

Open Sea Service

M.I.P. ~~or~~ M.E.P. *5.6 Ky/cm²*

~~Smooth Water Service~~

I.H.P. ~~or~~ B.H.P. *4100*

No. of Cylinders *8*

Weight of Flywheel *3400 Ky.*

Diam. of Cylinders *680 mm.*

Diam. of Flywheel *2100 mm.*

Stroke *1200 mm.*

~~GD² of Balance Weights~~

~~Span of Bearings~~

~~GD² of Turning Wheel~~

Revs. per Min. *115*

Diam. of Propeller *4800 mm.*

Screw Shaft ~~Without~~ Continuous Liner

Plan showing arrangement of shafting also merits approval.

Return Plan .

Retain Copy.

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21/10/88

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R.M.
19-10-36

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