

E1.

MAIN PROPELLING OIL ENGINES.

Shafting Endorsement.

FOR THE "SHOAL FISHER"

Shipbuilders: Messrs.

Yard No

Engineers: Messrs. *Pickers - Armstrong's*

Engine No. 726.

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" DIAMETER Tube | | Screw 6.5" DIAMETER. |

Particulars of Engines:

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

Max. Press. in Cylinders

Open Sea Service

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

Smooth Water Service

I.H.P. or B.H.P. 500

No. of Cylinders 4

Weight of Flywheel 2030 KGS

Diam. of Cylinders 340 MM

Diam. of Flywheel 1550 MM.

Stroke 570 MM

GD² of Balance Weights

Span of Bearings

GD² of Turning Wheel

Revs. per Min. 220

Diam. of Propeller 7'-5"

Screw Shaft Without Continuous Liner

& loose coupling

The plan showing the details of the shafting, also merits approval.

It is noted that this shafting is intended to replace existing screw and intermediate shafts, that the diameter of intermediate shaft has been increased on account of al speed and that the cast iron stern bush is to

Return Plan. be replaced by a gunmetal bush

REQUEST Retain Copy. lined with white metal.

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