

MAIN PROPELLING OIL ENGINES.Shafting Endorsement.

Shipbuilders: Messrs.

*Halborg Værft*Yard No *600*.

Engineers: Messrs.

*Berneister & Wain*Engine No *2973*
2976

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 *235 mm dia* Tube

Screw

*270 mm dia body
reduced to 235 mm dia
at forward end*Particulars of Engines:Engine Type *2. S.C. S. A*Max. Press. in Cylinders *49 kg/cm²*~~Open Sea Service~~~~M.I.P. or M.E.P.~~~~Smooth Water Service~~~~I.H.P. or B.H.P.~~ *1850*

No. of Cylinders

6~~Weight of Flywheel~~

Diam. of Cylinders

500 mm~~Diam. of Flywheel~~

Stroke

*900 mm*GD² of Balance Weights *4600 kg M²*~~Span of Bearings~~GD² of Turning Wheel *1150 kg M²*

Revs. per Min.

*164*Diam. of Propeller *3225 mm*Screw Shaft With ~~out~~ Continuous Liner

The plan showing details of the intermediate & screw shafting also merit approval for a vessel intended to have the notation "Strengthened for Navigation in ice" it being concluded that the material of the propeller will be in accordance with the requirements of Sect 40, Ch. 6 of the Rules for Steel Ships.

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