

MAIN PROPELLING OIL ENGINES.Shafting Endorsement.Shipbuilders: Messrs. *W<sup>m</sup> Denny & Bros. Ltd* Yard No *1332*Engineers: Messrs. *— do —* Engine No. *1083*

It is submitted that with engines for main propelling purposes, having particulars as stated below, the following size *S* of shafting merit approval, viz.:

Sizes of Shafting:

Crank *320 mm. dia* ~~Flywheel~~ Thrust *330 mm. dia*  
 Intermediate *8 5/8" dia* ~~Tube~~ ~~Screw~~ *10 1/8" dia.*

Particulars of Engines:Engine Type *2 S.C.S.A.*Max. Press. in Cylinders *850 lb/in<sup>2</sup>*~~Open Sea Service~~~~M.I.P. or M.E.P.~~~~Smooth Water Service~~~~I.H.P. or B.H.P.~~ *2550*No. of Cylinders *7*~~Weight of Flywheel~~Diam. of Cylinders *480 mm*~~Diam. of Flywheel~~Stroke *700 mm.*~~GD<sup>2</sup> of Balance Weights~~Span of Bearings *570 mm.*~~GD<sup>2</sup> of Turning Wheel~~Revs. per Min. *265*Diam. of Propeller *8'-5"*

Screw Shaft Without Continuous Liner

The plans showing details of intermediate and screw shafting and stern tube also merit approval provided the steel castings be made at approved works and tested as required by the Rules, and when the oil retaining gland and lubricating arrangements for the shaft in the stern tube have been fitted to the Surveyors satisfaction the vessel will be entitled to the notation O.G. in the Register Book.

Return 2 Plans.

Retain 2 Copy.

The Surveyors should be informed that the plan No. 786303 of crankshaft was dealt with in Secretary's letter of the 15<sup>th</sup> ult. to the Winterthur Surveyor, when the B.H.P. was stated to be 2380 at 260 R.P.M.

*Lt 28/4**J. R. M.**28-4-38**[Signature]*