

MAIN PROPELLING OIL ENGINES.

E1.

H

Shafting Endorsement.

RE. CONSTRUCTION.

Shipbuilders: Messrs.

M.V. "MAMBUKAL"
ex (Bafaan)

Yard No.

Engineers: Messrs.

M.A.N.

Engine No.

3520630/640

TYPE. G8V42

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 175mm Pins
185mm Journals

~~Flywheel~~

~~Thrust~~

~~Intermediate~~

~~Tube~~

~~Screw~~

Particulars of Engines:

Engine Type 4SCSA.

Max. Press. in Cylinders 50 Kgcw²

~~Open Sea Service~~

M.I.P. or M.E.P. 6.8 Kgcw²

~~Smooth Water Service.~~

I.H.P. or B.H.P. 505

No. of Cylinders 8

Weight of Flywheel 800 Kgs

Diam. of Cylinders 285mm

Diam. of Flywheel 1200mm

Stroke 420mm

~~GD² of Balance Weights~~

Span of Bearings 352mm

~~GD² of Turning Wheel~~

Revs. per Min. 375

~~Diam. of Propeller~~

~~Screw Shaft Without Continuous Liner~~

Further, the plan showing details of Crankshaft also merits approval

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