

W1157-0144 8

MAIN PROPELLING OIL ENGINES.

E1.

Shafting Endorsement.

Shipbuilders: Messrs.

*Lithgows Ltd*

Yard No

928

Engineers: Messrs.

*Barelay "Carle & Co"*

Engine No.

E.W. 124.

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 *420 mm dia* FlywheelThrust *420 mm dia*Intermediate *13" dia* TubeScrew *14 1/2" dia.*Particulars of Engines:

Engine Type

*2. S. C. Off Port*

Max. Press. in Cylinders

*600 lb/in<sup>2</sup>*~~Open Sea Service~~

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

*89 lb/in<sup>2</sup>*~~Smooth Water Service~~

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

*1890*

No. of Cylinders

*3*

Weight of Flywheel

*For 3 Tons Apr 6.11.7*

Diam. of Cylinders

*560 mm*

Diam. of Flywheel

*" 2240 mm " 2320 mm**Combined*  
*Stroke*

Stroke

*2160 mm*~~GD<sup>2</sup> of Balance Weights~~*Center of side rods*  
*Span of Bearings*~~Span of Bearings~~*1120 mm*~~GD<sup>2</sup> of Turning Wheel~~

Revs. per Min.

*99*

Diam. of Propeller

*15' 0"*Screw Shaft With ~~out~~ Continuous Liner

*The plan showing details of the crankshaft also  
wants approval*

Return

*2*

Plan.

Retain

*1*

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Lloyd's Register  
Foundation

*18/5*

*21/11*  
*17.5.39*