

MAIN ENGINES.

# Lloyd's Register of Shipping.

Data sheet for

## PETROL, PARAFFIN AND HEAVY OIL ENGINES FOR MAIN PROPELLING PURPOSES.

*M. V. "Scottish Maiden"*

(This form to be filled in and forwarded when plans or particulars of shafting are submitted for approval.  
Particulars which do not apply to be crossed out.)

- (1) Shipbuilders:— *Conversion Red. to M.V. Amsterdam* Yard No.:— *S. 751*  
(2) Engineers:— *Werkspoor M. V.* Engine No.:— *P. 751*  
(3) Type of Engine:—Petrol, Paraffin or Heavy Oil. *Heavy oil*  
(4) Smooth Water or Open Sea Service. *Open Sea.*  
(5) Two or Four Stroke Cycle. *Four stroke cycle*  
(6) Single or Double Acting or Opposed Piston. *Single*  
(7) Number of Cylinders:— *6*  
(8) Diameter of Cylinders:— *500 mm*  
(9) Stroke:— *1100 mm*  
(10) Span of Bearings from inner edge to inner edge:— *640 mm*  
(11) Centres of Side Rods for Opposed Piston Engines:— *✓*  
(12) Maximum Pressure in Cylinders:— *700 lbs.*  
(13) Mean Indicated Pressure:— *130 lbs.*  
(14) Brake Horse Power:— *1250*  
(15) Revolutions per minute:— *120*  
(16) Weight of Flywheel:— *3500 k.g.*  
(17) Diameter of Flywheel:— *1930 mm.*  
(18) GD<sup>2</sup> of balance weights:—  
(19) Diameter of Propeller:— *12' 3"*  
(20) Is Propeller Shaft fitted with Continuous Liner:—  
(21) If the material for the crankshaft is of higher tensile strength than required by the Rules, the following particulars should be forwarded:—

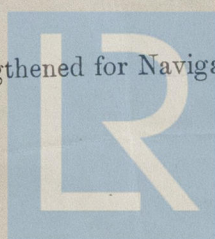
Ultimate Tensile Strength.	Yield Point.	Elongation.	Gauge Length.
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- (22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied:—

- (a) Shrinkage Allowance:— *1/600 - 1/650*  
(b) Yield point of Crankweb Material:—

- (23) Is vessel intended to have the notation:—"Strengthened for Navigation in Ice":— *✓*

- (24) If so, state the material of the propeller:— *✓*



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