

MAIN ENGINES.

# Lloyd's Register of Shipping.

Data sheet for

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

*M. 4. "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 Ned. to N. by: Amsterdam* Yard No.:—
- (2) Engineers:— *Werkspoor N. 4.* Engine No.:— *S. 751*  
*P. 752*
- (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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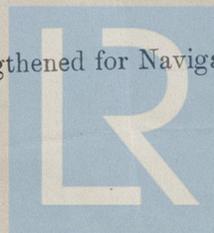
- (22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied:—

(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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W81-0044