

Builders: Messrs. Short Bros., Yard No. 450.

Engineers: Messrs. White's Marine Eng. Co., Engine No. 11 C.

Gear Makers: Messrs. The Power Plant Co., West Drayton.

IT IS SUBMITTED that with double compound steam reciprocating engines for open sea service, having 2 HP cylinders 10.1/8" diameter, and 2 LP cylinders 20" diameter, by 13" stroke, working pressure 240 lb. per sq. inch, combined with an exhaust turbine on the White's system, developing a combined equivalent IHP of 1660, consisting of 930 IHP at 304 revolutions per minute, and 730 equivalent IHP at 3480 revolutions per minute, developed by the reciprocating engine and turbine respectively, and revolutions per minute of the propeller 64, the proposed size of crank shaft, viz:- 7.3/4", merits approval.

The sizes of thrust, intermediate, screw, main wheel and reduction gear shafting as stated in the Secretary's letters of the 27th October, 1936, and the 6th January, 1937, also merit approval.

Advise London Outdoor Surveyors.

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20th January, 1937.

Lloyd's Register
Foundation

W188-0061