

Messrs Aktiebolag Atlas Diesel Stockholm  
Polar Diesel Engines N<sup>o</sup> 50073/4. for a twin screw vessel  
Shafting, Manoeuvring Air Cylinders & Spare gear

It is submitted that with 2 stroke cycle single acting Main Diesel Engines having 4 cylinders 290<sup>m</sup>/m diam & 430<sup>m</sup>/m stroke, engines fitted with flywheels, screwshafts without continuous liners, diameter of propellers 1760<sup>m</sup>/m & maximum pressure in the cylinders not exceeding 500 lbs per square inch, the proposed sizes of shafting viz Crankshafts, Flywheel & Thrust Shafts 175<sup>m</sup>/m diameter and Screw Shafts 162<sup>m</sup>/m diameter merit approval.

Also the plan of Manoeuvring Air Reservoirs merits approval for a working pressure of 13 kilograms per square centimeter provided the reservoirs be constructed under the usual conditions of survey & testing;

It is further submitted that the list of spare gear & plans of Screw Shaft coupling & auxiliary compressor shaft merit approval.

Return 12 plans.

LR  
Lr: - 18/12/19

Retl.

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