

*Urgent
wire*

Proposed classification of t.s.s. "GARDENGA".

Vessel 129.5 ft. x 27.8 ft. x 8.35 ft.

"For Casting Service between Laurence Marques & Port Elisabeth".

Sizes of crankshaft were dealt with in the endorsement dated 24th April last.

The Bremen Surveyors have now submitted particulars of all the engine shafting.

IT IS SUBMITTED that with steam reciprocating engines having cylinders 244 mm., 380 mm., and 605 mm. diameter by 350 mm. bore, working pressure 12 kg. per sq. cm., diameter of propellers 1700 mm. and screwshafts without liners, the following sizes of shafting, viz:- crank 115 mm. thrust 111 mm. intermediate 111 mm. and screwshaft 120/125 mm. diameter merit approval.

With reference to the pumping arrangements for this vessel it is noted that a bilge injection is fitted to the water circulating pumps and this is in order.

It is further noted that bilge pumps worked from the main engines are not fitted, but since a donkey pump and a bilge ejector are fitted with connections to the main bilge line, the existing arrangement might be accepted in this instance.

It is concluded that provision is made for the independent means of feeding the boilers, but this should be confirmed.

Further, the diagrammatic plan of electrical installation merits approval, provided the installation be examined and found in good order.

The Bremen Surveyors should be advised by wire regarding the approval of the sizes of shafting.

6.7.31.

Lloyd's Register
Foundation