GROSS 1892 / 1683 Owners c/s Jas of 1912 Owners' Address (if not already recorded in Ap

Exhaust Steam Turbines for the
"ELISABETH MAERSK" & "JOHANNES MAERSK"
proposed by Messrs.Atlas Maskinfabriek.

IT IS SUBMITTED that with an exhaust steam turbine developing 250 BHP at 4000 r.p.m. and geared to a wheel shaft running at 345 r.p.m., the following sizes of shafting merit approval in accordance with the usual practice, viz:-

Pinion shaft ..... 65 mm. dia. at bearings.
Wheel shaft .....100 mm. " at driving end.
Turbine shaft ..... 65 mm. " at bearings.

Further, the particulars of the materials of the turbine shaft, turbine wheel, pinion shaft and bandage rings are such as could be accepted.

The Copenhagen Surveyors should be asked to forward plans showing the method transmitting the power from the exhaust turbines to the straight shafting of the reciprocating engines. Further, details of the total maximum horse power developed by exhaust turbine and reciprocating engine, when working in conjunction with one another, should be stated, also the corresponding revolutions per minute of the propeller shaft.

The Surveyors should also state whether it is intended to use the existing straight shaft for the exhaust turbine installation.

G.H.F.
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4 plans
copies

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Special Damage or Repair Fee (if any)..... £ (per Sec. 29) Received by me,