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# Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

10th December, 1934.

Dear Sirs,

Re 25 BHP Single Cylinder Bolinder  
Stationary Engine "W7".  
Auxiliary Drive - Compressor & Bilge Pump.

R.

I was favoured with your letter of the 3rd instant enclosing plan No.M.4841 in connexion with the above engine, which it is proposed to fit in Messrs. Humphery & Grey's Yard No.40, and with regard thereto I have to inform you that with 2 S.C.S.A. heavy oil engines for driving auxiliary machinery, having one cylinder 180 mm. dia. by 180 mm. stroke, span of bearings 186 mm., maximum pressure in cylinder 40 kg. per sq.cm., mean indicated pressure 3.9 kg. per sq.cm., the proposed sizes of crankshaft, viz:- pin 120 mm. diameter and journals 95 mm. diameter, meet the requirements of the Rules, it being concluded that the steel has a tensile breaking strength of not less than 28 tons per sq.inch.

I have to add that, provided test certificates relating to the material of the crankshaft be produced and be found satisfactory, the engine be opened up and examined, and the usual hydraulic tests carried out in the presence of the Society's Surveyors with satisfactory

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Humphery & Grey's  
Yard No.40.  
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results, the Committee will agree in this instance to the engine being fitted in the above vessel.

The plan is being retained for reference.

I am, Dear Sirs,

Yours faithfully,

Secretary.

Messrs. Bolinders Company Ltd.,  
Coronation House,  
4 Lloyd's Avenue,  
E.C.3.



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