

COPY.

Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

ENCLOSURES.

22nd February, 1935.

Dear Sirs,

E. I duly received your letter of the 16th instant, forwarding a plan, in triplicate, of crank shaft for type "W7" auxiliary engine proposed by Messrs. Bolinder-Munktell A.B. for Messrs. Humphery & Grey Lighterage Co's Yard No. 40, and with regard thereto I have to inform you that with 2 SCSEA oil engines for driving auxiliary machinery, having 1 cylinder, diameter of cylinder 180 mm., stroke 180 mm. span of bearings 186 mm., maximum pressure in cylinder 700 lbs. per square inch, M.I.P. 54.5 lbs. per square inch, BHP 25, and revolutions per minute 800, the following sizes of crank shaft will be approved, viz:-

Pin 120 mm. diameter.
Journals 95 mm. diameter.

It is concluded the steel will have an ultimate tensile breaking strength of not less than 28 tons per square inch.

Two copies of Drawing No.M.4841 are returned herewith.

I am, Dear Sirs,

Yours faithfully,

The Surveyors,
STOCKHOLM.

Secretary.

W1527-0090

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Foundation