

COPY.

Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

Enclosure.

14th July, 1936.

Dear Sir,

Messrs. Howaldtswerke's Yard No. 756.

E.

I duly received your letter of the 4th instant, with enclosures advised therein, respecting crank shafting proposed by Messrs. Rheinmetall-Borsig A.G. for the above vessel, and with regard thereto I have to inform you that with double compound steam reciprocating engines for ocean going service, diameter of cylinders - 2 H.P. 560 mm. 2 L.P. 1200 mm., stroke 1200 mm., working pressure 220 lb. per sq. inch, the following size of crank shafting will be approved, viz:- 380 mm. diameter.

The plan showing details of crank shaft will also be approved, and one copy is returned herewith.

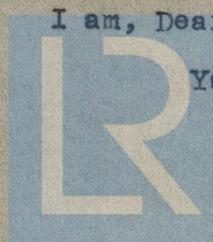
It is noted that no dowel pins are to be fitted to this crank shaft and, in the circumstances, I shall be glad if you will ascertain and let me know the yield point of the material of the crank webs and the proposed shrinkage allowance.

I am, Dear Sir,

Yours faithfully,

N.A. Stolte, Esq.,

STETTIN.



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Lloyd's Register
Secretary
Foundation

W21-0179 (127)

Steam Engine Shafting Endorsement.

Shipbuilders: Messrs. *Howaldtwerke A.G.* Yard No. *756*

Engineers: Messrs. *Rheinmetall-Borsig A.G.* Engine No.

It is submitted that with Steam Reciprocating Engines having particulars as stated below, the following size of shafting merit approval, viz.:

Sizes of Shafting:

Crank *380 m.m. dia* ~~Thrust~~ Intermediate
~~Tube~~ ~~Screw~~

Particulars of Engines:

Engine Type *double compound recip.* ~~Diam. of Propeller~~

Ocean Going Service

~~Screw~~ (With Continuous Liner

~~River Service~~

Shaft) ~~Without~~

Diam. of Cylinders *2 H.P. 560 m.m.*

2 L.P. 1200 m.m.

Stroke *1200 m.m.*

Working Pressure *220 lbs./ins²*

Plan showing details of crankshaft also merits approval.

It is noted that no dowel pins are to be fitted to this crankshaft and the Surveyors should ascertain & inform the office regarding the yield point of the material of the crankwebs & the proposed shrinkage allowance.

Retain Copy.

L14/7/36

R. M. 11-7-36

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