



Lloyd's Register of Shipping.

3, Wilhadistrasse,

Bremen, 17th June, 1937.

18 JUN 1937
Ansd.

1 plan in duplicate
under separate cover.

Reference

E.

Dear Sir,

I beg to forward herewith under separate cover for consideration and approval a plan, M3/321-96A, in duplicate, of Vulcan gear K 165, proposed by Messrs. Deschimag, Werk Act. Ges. "Weser", Bremen. This Vulcan gear is intended for the s.s. "OCEAN", building by Messrs. J. & K. Smit's Machinefabrieken N.V., Kinderdijk.

The following particulars are given by Messrs. Deschimag:-

There are two 4 SCSEA oil engines, each having 6 cylinders of 365 mm. diameter and 550 mm. stroke. Efficiency of each engine 650 BHP. at 300 revolutions per minute. Efficiency on propeller shaft 1240 Shaft H.P. at 115 revolutions per minute of propeller shaft.

The material of the primary shaft A and wheel shaft B is Standard Steel 42.11 at an elongation of 20% in a length of 10 d.
31% in 2"

The material of the pinion shaft C is special steel having a tensile strength of 65-70 kgs/mm² at an elongation of 18% in a length of 10 d.
28% in 2"

I am, Dear Sir,

Yours faithfully,

A. Carstensen

The Secretary,
LONDON.

W258-0106

referred to the Chief Engineer San Diego

principles in various forms

see exhibit W

Test of the engine

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Lloyd's Register
Foundation



18 JUN 1937

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