

W707-0199 G12



TELEGRAPHIC ADDRESS "CALIDAD" GLASGOW.

Telegraph Codes used:-

AI. ABC. 4th & 5th EDITIONS, The ENGINEERING TELEGRAPHIC CODE and OUR OWN PRIVATE CODE.

M^cKIE & BAXTER
ENGINEERS & SHIPBUILDERS.

J. A. M^c Kie.
P. Macleod Baxter.
Wilson Harvey.

National Telephones, { 35 GOVAN.
 36 GOVAN.

ADMIRALTY CONTRACTORS.

Copland Works, Govan.
Glasgow. 18th. August, 1913.

LLOYD'S REGISTER
GLASGOW
19-AUG-1913
ANS^d *dh to hon. 40/8*

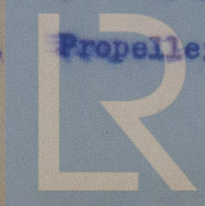
Messrs Lloyd's register of Shipping,
GLASGOW.

Dear Sirs,

We have on hand three sets of Four Cylinder Triple Engines which are to be built under your survey for shipment abroad where they are to be fitted into the S.S. "Bingera" to take the place of the Turbines. Each of the three sets are to have Cylinders 15", 24", 27", 27" * 21", designed to run at about 225 revs. per minute with 160 lbs. Boiler pressure. 70711

The Shafting we propose to fit to these Engines will be as follows,

Crank Shafts 7" diar. Thrust Shafts, under collars 7" diar. Tunnel Shafting 6 $\frac{1}{2}$ " diar. Propeller Shafts 7 $\frac{1}{2}$ " diar. these latter Shafts to be fitted without brass liners and to run on white metal bushes in Stern Tubes and A bracket bushes. These bearings all immersed in oil. Propellers will be about



Lloyd's Register
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Messrs Lloyd's Register of Shipping. (continued).

7'0" diameter.

As regards angles of Cranks to each other these will be something like that shown on the enclosed sketch but these may be altered somewhat to suit the balancing which is to be done on the Yarrow-Schlick-Tweedy System.

We will be glad to hear from you as early as possible if the Shafts proposed meet your requirements as we are proceeding with the design of Engines.

Yours faithfully,

Melville Banters
[Signature]



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