

COPY.

Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

S/S Nardana

24th August, 1928.

Dear Sirs,

E. I am in receipt of your letter of the 22nd instant forwarding for consideration particulars of shafting relating to Bauer-Wach Gear proposed to be fitted in the s.s. "HERTFORD" and "NARDANA" by Messrs. Swan, Hunter & Wigham Richardson Ltd., (Orders Nos. 1304 and 1306), and have to acquaint you as follows:—  
s.s. "HERTFORD".

With steam reciprocating engines for open sea service and having cylinders  $28\frac{3}{8}$ ",  $46\frac{7}{8}$ ",  $75\frac{1}{8}$ " dia., by  $51\frac{1}{4}$ " stroke, working pressure 199 lb. per sq. inch, combined with an exhaust steam turbine on the "Bauer-Wach" system, each reciprocating engine having an I.H.P. of 2300 and the exhaust steam turbine a S.H.P. of 1000 at the primary pinion, and revolutions per minute of the intermediate shaft 75 when the reciprocating engine and turbine are working in conjunction, the sizes of shafting, viz:—existing intermediate shafts  $14\frac{3}{8}$ " and proposed new thrust shaft 388 mm. (15.28") diameter, will be approved.

s.s. "NARDANA".

With steam reciprocating engines for open sea service

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and having cylinders  $26\frac{1}{2}$ ", 44", 73" diameter by 48" stroke, working pressure 200 lb. per sq. inch, combined with an exhaust steam turbine on the "Bauer-Wach" system, each reciprocating engine having an I.H.P. of 2530 and the exhaust steam turbine a S.H.P. of 1175 at the primary pinion, and revolutions per minute of the intermediate shaft 91.7 when the reciprocating engine and turbine are working in conjunction, the sizes of shafting, viz:- existing intermediate shafts  $13\frac{7}{8}$ " and proposed new thrust shaft 388 mm., (15.28") diameter, will be approved.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,

NEWCASTLE-ON-TYNE.



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