



Lloyd's Register of Shipping.

Collingwood Buildings, Newcastle-on-Tyne.

ENCLOSURE.

8th August 1929.

Reference

E.

The Secretary,
London.



Dear Sir,

Messrs. The Wallsend Slipway & Engineering Co. Ld. have in hand the conversion of machinery of the Steamer "CITY OF CAMBRIDGE" - their No. B.W. 8 for the addition of a Bauer-Wach Turbine and Gearing.

Plans showing the proposed sizes of shafting etc. are enclosed for consideration.

The shaft horse power of the turbine at the primary pinion when the revolutions of the main shaft are 83 per minute, will be 1180.

The power obtained from the reciprocating engine at the above revolutions will be 3100 I.H.P.

The diameter of the existing line shaft fitted to the above vessel is $1\frac{1}{4}$ inches.

I am, Dear Sir,

Yours faithfully,

Lloyd's Register
Foundation

W603-0173

27th August 1929

RETAIN

The Secretary,
London

Dear Sir,

Reference is made to the letter of the 11th August 1929.

It has been found that the construction of the turbine of the
"JOHN OF CARLISLE" - Serial No. 10.0.0 for the addition of a

Direct-Action Turbine and Governor

is shown in the proposed plan of shafting
etc. as enclosed for consideration.

The shaft horse power of the turbine of the
Industry Division and the revolution of the shaft are 33

per minute, will be 1150

The power obtained from the reciprocating engine
at the above revolutions will be 1150 I.H.P.

The diameter of the existing line shaft is
The above vessel is 144 inches

I am, Dear Sir,

Yours faithfully,

Referred to the Chief Engineer Surveyor.

MR

6761 JUN 67
-9 AUG 1929



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