

COPY.

Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

27th April, 1938.

Dear Sir,

s.s. "MIDDLESEX".  
Messrs. John Brown & Co's Order No.S.O.99/38.

E.

I am in receipt of your letter of the 23rd instant, forwarding one from Mr. Cairns respecting new machinery to be installed in the above vessel by Messrs. John Brown & Co. Ltd., the contents of which have been noted.

The matter has received consideration, and I have to inform you that, with double reduction geared turbines for main propelling purposes and open sea service, developing a total of 6000 S.H.P. at 92 R.P.M. of the propeller, and having particulars of gearing as stated on the sheet attached to your letter, the following sizes of shafting will be approved, viz:-

First reduction pinion shafts ... 7" dia.  
Second reduction pinion shafts .. 14" dia.  
Wheel shaft ..... 18.5" dia.  
H.P. & L.P. rotor spindles ..... 5" dia.

It is observed that it is proposed to retain the existing line shafting, and with engine particulars as above, propeller diameter 18'-6" and screwshaft with continuous liner, the following existing sizes of shafting will also be approved, viz:-

Intermediate shaft ... 17.1/8" dia.  
Thrust shaft ..... 18" dia.

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s.s. "MIDDLESEX".  
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Screw shaft ..... 18.5/8" dia.

I am, Dear Sir,

Yours faithfully,

Secretary.

The Secretary,

GLASGOW.



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Lloyd's Register  
Foundation

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