

COPY

27th October, 1945.

Dear Sirs,

E

Ruston & Hornsby Engine No. 241110.
Type 8VGBXM - O/No. 13/450053.
Cochrane & Sons Ltd., Yard No. 1319

I duly received your letter of the 29th ultimo with enclosures in reference to the above.

I am now directed to inform you in reply that the torsional vibration characteristics of the engine flywheel and gearbox system intended for the above vessel have been examined in conjunction with the Engine Builders' calculations and found satisfactory, provided torsigraph records taken by this Society indicate the non-linear coupling effectively limits the vibration stress in the crankshaft to not more than \pm 3,000 lbs per square inch.

I should explain that before final approval is given to the shafting arrangement for this vessel details should be forwarded of the torsional vibration characteristics of the system formed by the engines, gearbox, intermediate screwshaft and propeller.

Yours faithfully,

Secretary.

The Surveyors,
NOTTINGHAM.



© 2021

Lloyd's Register
Foundation