

COPY

Lloyd's Register of Shipping.

71, Fenchurch Street, E.C.3.

Your Ref.
HMN/SC/822.

2nd July, 1948.

Dear Sirs,

E.

M.V. "Assiduity" Owners P.T. Everard & Sons Ltd.
Replace Engine No. 822.

I duly received your letter of the 24th May with enclosures referred to therein relating to the shafting and torsional characteristics for the above installation and in reply have to inform you that with engines for main propelling purposes having particulars as stated below, the following sizes of shafting will be approved, viz:-

Sizes of Shafting.

Intermediate 5 $\frac{1}{2}$ " dia.
Thrust 6" dia.
Screw 6" dia.

Particulars of Engines.

Engine Type	2 S.C.S.A.
No. of Cylinders	6
Diam. of Cylinders	240 mm.
Stroke	345 mm.
Revs. per Min.	330
M.I.P.	80 lb/sq. in.
B.H.P.	300
Weight of Flywheel	(600 lb. For'd.
	(465 lb. Aft.
Diam. of Flywheel	(23.6" For'd.
	(32.3" Aft.
Diam. of Propeller	63"
Screw Shaft Without Continuous Liner.	

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The details of the thrust, intermediate and screw shafts as shown on the plans will also be approved. I shall be pleased if you will be good enough to furnish me with a further copy each of the drawings for the Surveyors' information. //

The torsional vibration characteristics of the shafting installation of this main machinery have been examined in conjunction with your calculations and will be approved for a service speed of 330 R.P.M. provided a notice board be fitted at the control station stating that the engine is not to be operated continuously between 232 and 269 R.P.M. and the engine tachometer be marked accordingly.

In the event of ~~your~~ ^{your} taking torsigraph records for ~~your~~ ^{your} own information it would be appreciated if copies and/or results be forwarded to this Office.

Yours faithfully,

Accl. *Copy Lon-Surs.*
pro Secretary.

The Newbury Diesel Co. Ltd.,
Kings Road,
NEWBURY.



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Lloyd's Register
Foundation

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