

by Chief Engineer Surveyor..... Received from Chief Engineer Surveyor.....

VESSEL'S NAME "ESSO 5"..... REPORT..... Osl. No. 6282

Remarks of the Chief Engineer Surveyor are desired on this case for the consideration of the Classing Committee.

("The endorsement to contain a succinct summary of any repairs that have been required and to show the cause or causes of such repairs, and also to bring out clearly any exceptional features in connection with the case, so that the Classing Committee may have all the salient points presented in the endorsement."—Extract from Sub-Committee's Report, 24/5/92.)

Survey ~~REPORT TO BE MADE BY SURVEYORS DUE TO DAMAGE THROUGH~~

This vessel was built in 1944 as an L.S.G. for the Admiralty, now converted to a tanker and Classification with this Society.

The main propelling machinery, also auxiliary generator sets, were built under this Society's Survey for Admiralty account, but were not installed under survey.

Plans and First Entry Reports have been examined and the details are such as could be accepted provided each main engine be de-rated from 500 B.H.P. at 1375 R.P.M. to 380 B.H.P. at 1100 R.P.M. of engine.

The torsional vibration characteristics of this type of main propelling machinery were investigated by Messrs. Wellman Bibby Co. on behalf of the Admiralty and stated to be satisfactory, and the results have been accepted by this Society. The Machinery Certificate should be endorsed:- "Torsional Vibration Characteristics not investigated by this Society".

The vessel has been examined in dry dock and the requirements of LMC and Screw Shaft Surveys carried out.

IT IS SUBMITTED that this vessel is eligible for the Record LMC 12.48.
Both S 6.48 (not CL)

Particulars for Register Book:-

Two Oil Engines 4 S.C.S.A. S.R. geared to two screw shafts.

24 Cyl. 7" - 7 $\frac{3}{4}$ "

MN 119



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