

by Chief Engineer Surveyor.....

Received from Chief Engineer Surveyor.....

Nwc 111672
 Hpl 19518
 Ips No. 127533
 Gls 81508
 Nwc 111271

NAME "WORLD HARMONY" REPORT

marks 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.)

Type of Engine 2 Steam Turbines with DR Gearing to Screwshaft

H.S. 16840 sq. ft.

MN 2750



If Boilers fitted with forced draught Yes

Tail Shaft. If fitted with a continuous liner Yes

If fitted with an outside gland of approved type No

The torsional vibration characteristics of the main propelling machinery were approved in the Secretary's letter of 13.8.54. for a service speed of 100 RPM and a maximum speed of 103 RPM.

Similar calculations for the 100 KW generator sets were approved in the Secretary's letter of 21.7.52. for a service speed of 900 RPM.

The Engineer Research Department have dealt with hull vibration on this vessel and are dealing with some machinery vibration but they do not consider that this will affect the class of the machinery.

This vessel's machinery appears to have been built in accordance with the Rules and the approved plans, and it is submitted she is eligible to be classed

- *LMC 7,54
- "Carrying Petroleum in Bulk"
- 2 WTB 965 lb. (Spt 955 lb.)
- "Fitted for oil fuel 7,54, FP above 150°F"

NOTE FOR S.R.S. - Economisers to be examined at each B.S.

The Surveyors should be requested to state if this vessel and the previous sister vessel "WORLD ENTERPRISE" comply with paragraph E.1209 of the Rules. - yes.

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 Foundation

20.10.54.

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