

Received by Chief Engineer Surveyor.....

Received from Chief Engineer Surveyor..... 1250.

SHIP'S NAME "PATRICIA"

REPORT

Kob. 1327.
Kob. No. 1364.

The 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, 24/5/52.)

Type of Engine 2 Steam turbines with DR gearing.

H.S. 18504 sq. ft.

New MN 2400.



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 19.5.52 for a service speed of 105 rpm (propeller) and a maximum speed of 108 rpm. Similar calculations for the 120 KW generator set were approved in the Secretary's letter of 22.9.52 for a service speed of 720 rpm.

The Kobe Surveyors report the failure of some superheater tubes due to overheating. All superheater tubes in both boilers renewed except four bottom rows in each header which have been drawn and tube holes plugged. Baffles now erected to prevent further overheating. On completion, superheater tubes tested and boilers examined under steam.

Damage stated caused through main feed pump impeller seizing following failure of steam turbine governor. Complete unit removed and a replacement unit fitted and tested.

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 1.53

"Carrying Petroleum in Bulk"

2 WTB 455 lb. (Spt 427 lb.) F.D.

"Fitted for oil fuel 1.53 F.P. above 150°F"



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9.6.53.

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