

1 E

Chief Engineer Surveyor
NAME "LENA"
Rot 37695
REPORT Rot No. 37532

arks 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 4 Oil Engines 2SCSA Connected to Electric Motor and Screwshaft
8 cylinders 16.9/16" - 19.11/16" Each Engine
New MN 1400

~~If Boilers fitted with forced draught~~
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 generating sets were approved in the Secretary's letter of 4.10.54. and endorsement of 8.10.54. for a service speed of 360 RPM, subject to approved new flywheels being fitted at the forward end of the main generating engines before the end of March 1955.

Similar calculations for the 225 KW generator sets were approved in the Secretary's letter of 16.5.52. for a service speed of 428 RPM.

The machinery requirements for the notation of "Strengthened for navigation in Ice" have been complied with.

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 2,54,~~ *In agreement with the Rules the need not be imposed as* subject as above *Attach letter (See Committee min)* DB 214 lb. *To Certificate 22/10/54* "Strengthened for Navigation in Ice" a subject.

te for SRL:- Exhaust gas economisers to be examined at each DBS.

It is concluded that all pumps required for essential services sea have been built under survey as no certificates appear to have been received. *Yes.*

The certificate for the auxiliary air receiver should be forwarded. *Rev'd. See Rot. letter of 1/11/54*
Contd/.....

vessel, what means are provided to prevent leakage of either fuel oil or of lubricating oil from saturating the woodwork
Compressors, No. No. of stages

2.

"LENA"

The Rotterdam Surveyors should be advised that in their Electrical Report 13 they have omitted to supply answers to a number of questions and it is concluded, but should be confirmed, that the information supplied on Report 13 for the later sister vessel "OB" applies also in the case of the "LENA" ^{yes}. The Surveyors should state the overload at which the generator circuit breakers operate as this information has been omitted in the reports of both the "LENA" and "OB".

See Rot. letter of 12/11/54

JS
21.10.54.



© 2021

Lloyd's Register
Foundation

management of valves and their connections such as to prevent the possibility of water passing from the sea or from water tank from one compartment to another *(1/11/54)* Is the shaft tunnel... *007 2 1/2*