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Inspected by Chief Engineer Surveyor.....

Received from Chief Engineer Surveyor.....

VESSEL'S NAME "NORDHEM" REPORT Skm. 7380 Got. No. 16742

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.)

Type of Engine Oil Engine 2 S.C.S.A.  
5 Cyl. 13 3/8" - 22 7/16"  
MN 187

~~If Boilers fitted with forced draught~~

Tail Shaft. If fitted with a continuous liner No  
If fitted with an outside gland of approved type Yes

The torsional vibration characteristics of the main propelling machinery were approved in the Secretary's letter of 21.9.49, provided a notice board be fitted at the control station stating that the engines must not be run continuously between 55 and 75 R.P.M. and 120 and 140 R.P.M., and provided the blower shafting be examined after a period of service not exceeding twelve months. The Machinery Certificate should be endorsed accordingly and a suitable note placed in the S.R.L.

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

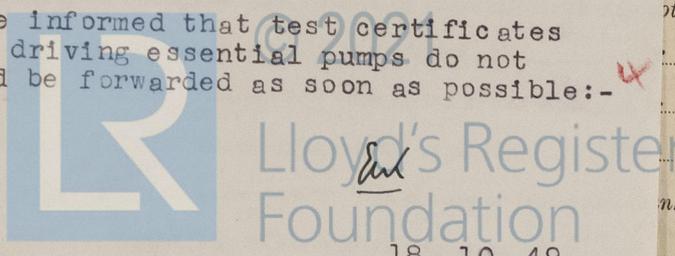
The Surveyor states spare gear for the 30 KW generator sets and a spare transmission shaft for main engine blower are required, and that a spigot cock and protecting ring for boiler blow-down should be fitted at the next dry docking.

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 7.49 DB 178 lb.

Subject to the machinery spare gear being brought up to Rule requirements, and to a boiler blow-down cock being fitted at next dry docking to Rule requirements.

The Stockholm Surveyors should be informed that test certificates covering the following electric motors driving essential pumps do not appear to have been received and should be forwarded as soon as possible:-

- Manoeuvring compressor, ✓
- Lubricating oil pump.



18. 10. 49.

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