

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

ME "LENINGRAD" REPORT HFS:- 7122, 7179, 7238, 7263, 7311, 7343, No. 375-6, 7563-4-5, 7651, 7674, 7690-1, 7694, 7748, 8382.

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.)

8 Oil Engines 2 S.C.S.A. (Sulzer type) driving generators with electric drive to 3 propellers.

each 9 cylinders 510mm. x 550mm.

M.N. 4400 S.H.P. 22000 (B.H.P. 26000)

~~XXXXXX~~



Tail Shaft If fitted with a continuous liner YES If fitted with an outside gland of approved type NO

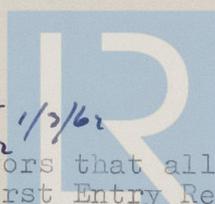
The torsional vibration characteristics of the main propelling machinery were approved in the Secretary's letters dated 16.4.57 and 15.5.57 for an engine speed of 330 R.P.M. and propeller speed of 115 R.P.M.

Similar calculations for the six 385KVA. diesel alternator sets were approved in the Secretary's letter dated 28.1.57 for a speed of 600 R.P.M. and for the 231KVA. diesel alternator set dated 31.3.58 for a speed of 600 R.P.M.

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

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

11.61 { + LMC 2 WT. DB. 142lbs.



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should be stressed to the HFS. Surveyors that all relevant forging certificates which are forwarded with First Entry Reports should be examined in finished machined condition and found satisfactory and in this connection the certificates covering all thrust and intermediate shafting are being returned for endorsing as above.

See HFS ltr 1/3/62

12.2.62

P.T.O.

Old 02710 - COAS
1B

"LENINGRAD"

Forging certificates covering the crankshafts of eight main propulsion generator engines and the 8-cylinder and one 5-cylinder auxiliary generator engines should also be forwarded, some of these requested in the Secretary's letters dated 6.6.6

The following certificates, AUG. 2502/B74 covering the three cylinder emergency diesel alternator engine, and the certificate covering the spare screwshaft for Wing Propellers stamped SHF 12866 should be forwarded since they do not appear to have been received in this Office with the First Entry Report.

✓ See HFS llh
11/3/62
JLH
9/2/62

JH
12/2/62



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