

Received by Chief Engineer Surveyor.....

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SHIP'S NAME "KOSMONAUT" REPORT CPN 20168.  
ABG No. 19483.

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, 24/5/92.)

Type of Engine Oil Engine 2 S.C.S.A.

6 cylinders 840mm. x 1800mm.

M.N. 2520

B.H.P. 12600

~~XX~~

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 dated 11.8.61 for a speed of 110 R.P.M.

"The Main Engine should not be run continuously between 35 and 45 R.P.M. with either the working or the spare propeller fitted".

Similar calculations for the two 355 KVA. diesel alternator sets were approved in the Secretary's letter dated 5.12.60 for a speed of 500 R.P.M. and for the two 215 KVA. sets dated 2.12.60 for a speed of 500 R.P.M.

The machinery requirements have been complied with for the notation "Strengthened for navigation in Ice, Class 3".

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

4:63 { + LMC  
2 Aux.B. 100lbs. { 1 O.F.)  
S.P.S. { 1 E.G.)

The Report 5c should be returned to the Surveyor who should insert details of Steam drum and its safety valves.



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