

COPY

"MAYMERE"

Mtl. 7016

"MAYGLEN"

Mtl. 6987

"MAYSTAR"

Mtl. 7017

"C" Type Coasters (Diesel).

Enterprise Engines.

The torsional vibration characteristics for the main dynamic system were dealt with on Secretary's letter to New York, 12. 11. 46, when it was established that the Service Speed should be reduced from 300 R.P.M. to 290 R.P.M. before approval could be given. This restriction would not be required provided torsigraph records indicated that the vibration stress in the screw shaft did not exceed the value quoted in above letter. These calculations were made for engines developing 400 B.H.P. at 300 R.P.M.

The Quebec Surveyors have forwarded reports indicating the engines as 500 B.H.P. at 400 R.P.M.

Before these cases receive consideration submitted the New York Surveyors be requested to confirm or otherwise the B.H.P. and R.P.M. now given in view of the Secretary's letter, 12. 11. 46 and to state whether torsigraph records have been obtained and forwarded.

It should be added that with the particulars of torsional vibration characteristics of the system as given the stresses are considered excessive for any designed service speed between 300 and 400 R.P.M.



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Foundation

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