

Received by Chief Engineer Surveyor

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SHIP'S NAME "AURIS"

REPORT

Lpl. 152692
Mch. 18333
Not. C25761
Brs. SC5101
Lpl. No. 152842

This vessel was built to class in 1948.

The main propelling machinery and port D.B. have been removed and a new gas turbine fitted in accordance with approved plans and Secretary's letters.

The torsional vibration characteristics of the main propelling machinery were approved in the Secretary's letter dated 18.1.56 for a propeller speed of 120 RPM provided the engine is not run continuously between 78 - 87 RPM of the propeller.

The following new machinery has been fitted aboard:-
an exhaust gas WTDB, auxiliary pumps, compressors, air receivers, electric hydraulic steering gear, evaporator and distiller.

In the machinery space the pumping arrangements, electric installation and fire extinguishing arrangements are new and have been installed in accordance with approved plans, Secretary's letters and tested on completion.

Satisfactory sea trials have been held and the vessel appears worthy to be classed:-

+LMC NE 8.59 TS CL 8.59 Aux.B 180lbs. WT Aux.B 180lbs. (N)

Subject

to main reversing gears with hydraulic couplings and clutches being opened up for special examination by the end of 11.59.

It has been agreed with Owners that the examination may be deferred from time to time provided an opportunity be given to our Surveyors to make a short voyage on the vessel and be satisfied with the running of these components under service conditions, in order to make a suitable recommendation to the Committee.

Notation for R.B.

2 gas turbines with reversible transmission, hydraulic couplings, clutch and D.R. gearing to screwshaft.

MN = 1,100 SHP = 5,500 SPS 4.58.

Propeller speed 120 RPM.

The Surveyors should be requested to forward Rpt.4c on the B.T.H. auxiliary steam turbine alternator set.

Note for SRL: Working propeller Left-hand
Spare propeller Right-hand



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