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17 DEC 1949

by Chief Engineer Surveyor

Received from Chief Engineer Surveyor

NAME SIREFJELL.

REPORT

Kel. No 111
Kel. 111 (Elec)

Notes 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.)

~~REPAIRS TO ENGINE AND BOILERS NOT TO BE MADE THROUGHOUT~~

This vessel was built to class in 1936 and was withdrawn from class in 11,39. The ship broke in two in the Atlantic in 1940 the fore part being lost. A new fore part has been constructed and joined to the after part and all the requirements of a Special Survey for reclassification have been complied with.

The vessel drydocked, sea cocks and screw shaft examined.

3 main engine cylinder liners, 2 pistons and 4 piston rods renewed.

Main engine crankshaft lapped and all bottom end and main bearings remetalled.

The auxiliary engines removed from ship and overhauled.

3 new liners and 2 pistons fitted.

A number of tubes renewed in condenser, lubricating oil cooler and in port and starboard donkey boilers.

Alterations: A new auxiliary diesel 100KW generator set installed.
New Clarke Chapman windlass now fitted.

Two new air receivers installed.

Electrical installation almost entirely renewed throughout.

The Surveyor recommends the fitting of lead sheathed cables as required by the Rules.

IT IS SUBMITTED that reclassification be deferred until receipt from the Surveyors of torsional vibration characteristics of the new auxiliary engine and test particulars of generator and pending the fitting of lead sheathed electric cables as recommended.

Only provisional approval of the T.V.C. of the new aux. engine has so far been given.

*L.J.
20/12/49.*

J.M. L.J.

14.12.49.

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