

Received by Chief Engineer Surveyor

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VESSEL'S NAME *William C. McFarlane*

Rpt.

 No. *1809*
 H. No. *5385*
 Cl. No. *1012*

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, 24/5/32.)

Type of Engine

Bel Engines 4 S.S.A.
16 Cy. 20" - 24"

~~If Boilers fitted with forced draught~~

Tail Shaft. If fitted with a continuous liner

If fitted with an outside gland of

approved type

The two main engines were built under American Bureau survey in 1929 & fitted in the M.V. "Defiance" for driving main propelling dynamos. Reversing gear has now been fitted to them. They have been completely opened out, examined & various repairs effected. The auxiliary engines have been constructed under special survey.

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

LMC 741.

3 (CL) N. 741.

NE made '29, refitted '41.

It appears from the report that the donkey boiler can be used for supplying steam to the small air compressor as well as for domestic purposes. In accordance with Circular 1533, provided this boiler has more than 50 sq. ft. of heating surface, it should be examined & reported on and a plan forwarded for approval in the usual way. The hob. Surveyors should also be asked to state what means, if any, are provided for heating the oil fuel & jacket circulating water.

It is concluded the thrust, intermediate & screw shafts are new & have been made under special survey, in which case the identification marks should be furnished.

The hob. Surveyors should also be asked whether the two oil engines which drive the auxiliary compressors are the dynamo engines. This information is required for future surveys & relates also to M.V. "Defiance".

S.O.N.Yh
13/2/42.

29/1/42.