

s.s. "EMPIRE ENDURANCE"
(ex-German ship "ALSTER")

Dimensions:- 505.58' x 63.48' x 33.67' to upper deck
40.68' to bridge deck

Scantling Nos: 17023 and 49117

Proportions:- Length = 15 depths to upper deck
12.4 depths to bridge deck

This vessel was built in 1928 by Messrs. A.G. "Vulcan" under the supervision of Germanischer Lloyd and classed with that Society 100A With Freeboard. She has now been taken over by the Ministry of Shipping, and is undergoing survey at Middlesbrough with a view to classification with this Society.

Although the vessel has been classed With Freeboard the freeboard assigned to the vessel as given in the Germanischer Lloyd Register Book is the minimum permissible on her dimensions and geometrical properties, and the scantlings and arrangements have therefore been considered on this basis and found to be such as could be recommended for approval for the class 100A1. and it is submitted the Arrangement be upheld accordingly.

The Surveyors will require to verify the scantlings. They should also specially examine the plating of the decks immediately abaft the machinery and in way of the side hatchway openings, and satisfy themselves that this is satisfactory.

See
Surveyors
Rept.

It is observed that the coamings to the hatchways on the upper deck inside the erection are only $3\frac{1}{2}$ " in depth, and in these circumstances the openings in the bulkheads at the after end of the bridge will require to be closed with appliances not less than classed 1.

The equipment as shewn on the plan of midship section can be regarded as equivalent to the Rule requirements, provided two additional ropes of 100 fathoms each, of $2\frac{3}{4}$ wire or 8" hemp, be supplied.

27th June, 1940.

Copy sent to Freeboard 27.6.40.

Ltr. 21. 6. 40
Ans'd. 27. 6. 40

Plans retained



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Lloyd's Register
Foundation

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