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STEEL SCREW STEAMER "MOERDYK" built by Messrs. J.C. Tecklenberg A.G. at Geestemunde and owned by Messrs. The Holland America Line.

Rule dimensions:- 472.77 x 60.83 x 39.25 to shelter deck  
x 31.25 to upper deck

Scantling Nos: 92.08 and 43532

Proportions: Length = 12.04 depths to shelter deck  
= 15.12 " to upper deck

This vessel is of the shelter deck type and was built in Germany in 1914 to class #100A steel <sub>4</sub> in the Germanischer Lloyd Register.

It is understood that the Owners will not continue the Germanischer Lloyd class and plans of midship section and profile and deck are submitted in duplicate by the Rotterdam Surveyors with a view to classification with this Society.

The scantlings as actually fitted in the vessel have been compared with those required by the Rules for a shelter deck vessel and deficiencies have been found to exist in the double bottom, shell and topsides.

The draught 26'6" indicated on the midship section is the maximum draught permissible when a tonnage opening is fitted, but is 2'4½" less than the draught which could be assigned, on the dimensions and with full scantlings, if the tonnage opening was closed.

Calculations have been made which show that if the full scantling vessel be taken as the standard both the longitudinal and transverse strength of the vessel as built could be assigned a draught of 26'3" extreme which is 3" less than that shewn on the plans.

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There are likely to be a number of vessels of this kind handed on from Germany which may require to have British Class, and which with the Rules as now framed would not be entirely eligible for the usual classes.

On their merits and in relation to draught, their scantlings and arrangements may be such as to make them equivalent to the full class with a modified draught, and it is suggested that for this type of vessel the class 100A1 with Freeboard might be adopted.

In the particular case under consideration, it is suggested that the draught be restricted to 26'3" and it is submitted that provided the equipment and scantlings be verified by the Surveyors and are found to be in agreement with those shewn on the plans, and the requirements of Section 48 of the Rules be complied with, the vessel will be eligible on the receipt of a favourable report from the Surveyors to be classed 100A1 "With Freeboard".

*W.S.*

*W.*

*W.S.*

3.7.20

*C.F.*

*SRM*

*J.M.*

General Committee  
Thursday, 8<sup>th</sup> July, 1920.

Submission approved  
*ad*

*Rob 9/7/20  
2 plans -  
2 retained*



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