

96. 9.
STEEL SCREW STEAMER "MOERDYK" built by Messrs. J.C.
Tecklenborg 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
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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 shown 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.

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3.7.20

C.F.

SRM

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General Committee
Thursday, 8th July, 1920.

Submission approved
as

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2 plans -
2 retained)



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