

*Tikipiriki*

Ex-German Steamer "TRESITHNEY" ex "LIPPE"

Rule dimensions:- 472.4 x 59.0 x 31.2 to Upper Deck  
x 39.2 to Shelter Deck

Scantling Nos:- 90.2 and 42610

Proportions:- Length = 12.0 depths to Shelter Deck

Owners:- Messrs. The Hain Steamship Co., Ltd.

Plans of this ex-German Steamer were approved on the 29th November last, for the class 100A- "Shelter Deck", subject to the freeboards etc., the scantling and arrangements being found equivalent to the Rule Requirements.

When the plans were considered the length of the vessel was taken as 470.66 ft., as indicated thereon, but on the First Entry Report now received from the Newcastle Surveyors the length is given as 472.4 feet.

The increase in length involves a change of grade in the double bottom and topside scantlings, but does not affect the remainder of the scantlings for the equipment.

The margin plate, floors and middle line strake of inner bottom plating are now found to be 1.0, .5 and .8 m/m respectively less in thickness than the rule requirements, but in view of the mean depth of the double bottom being  $3\frac{1}{2}$ " above the Rule Requirements, and of the second number exceeding a grade by only 10, it is submitted the scantlings could be approved.

The scantlings of the topside materials are fully equivalent to the rule requirements, but, when the case was previously considered, the scantlings at this part in excess of the Rule requirements were considered as compensation for the slight deficiency in the shell plating.



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As however, it is found that the Upper Deck stringer and plating are .7m/m, and the second deck stringer and plating .6m/m, greater in thickness than indicated on the plans, it is further submitted the scantlings of the topside materials could be approved.

C.T.

15.3.21.

J.L.



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