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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

6th July, 1921.

Sirs,

I duly received Mr. Petree's letter of the 11th ultimo, enclosing your reports No. 42736 on the S.S. "MINNA HORN" ex "SPARTA", and with regard thereto have to inform you that the scantlings and arrangements indicated on the plans forwarded by you and the First Entry Report have been examined and compared with the requirements of this Society's Rules, and it is found that the framing and the beams are equivalent thereto.

With regard to the inner bottom the centre board is 2" deficient in depth, the margin plate is .06" light, the floors in the holds are .05" light and the tank top in the holds is .07" light, but there are three side plates fitted in the ship as against two required by the Rules for a Ship of this breadth.

The scantlings of the bottom and side plating on the top sides are not equivalent to the Rule Requirements.

There is an average deficiency of .06" on each side of plating, but as the vessel is fitted with two complete steel decks whereas the Society's Rules only require a Steel Shelter Deck, the upper deck could be fitted with stringer plates and tie plates only with a wood plank laid on the beams.

The equipment as given on the First Entry Report is equivalent to the requirements of Table 31 with the exception of the chain cable which is 28 fathoms short of the length required.



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In view of the deficiencies in the scantlings of the double bottom and outside plating the vessel could only be recommended to the Committee for the class 100A1 "Shelter Deck" with a suitable freeboard assigned subject to the chain cables being made 270 fathoms in length.

I shall be glad if you will be good enough to state the spacing of the tank margin gusset plates and the extent of the ceiling in the holds. I have to point out that the depth given in the numeral is not the depth required by the Rules, it being stated in your report that the moulded depth to the upper deck is $31'7\frac{5}{8}"$ whereas this is the depth to the shelter deck.

I may add that in reporting similar cases you should state in your report the length and height of any erections above the upper deck which may be required in computing the equipment number.

I am, Dear Sirs,
Yours faithfully,

Secretary.

The Surveyors,

CARDIFF.



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