

T.S.S. "JOHAN DE WITT".  
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Dimensions:- 482' x 59' x 38' to shelter deck.

Owners:- Messrs. N.V. Stoomvaart My. Nederland.  
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This vessel was built in 1920 and is classed 100A1  
"Shelter deck with freeboard".

A letter has been received from the Rotterdam Surveyors stating that the Owners propose to lengthen the vessel at the bow by 23 feet, and with this alteration they anticipate that the speed of the vessel will be increased from 15 to  $15\frac{1}{2}$  knots. The Owners desire to know if the existing scantlings, equipment and rudder head can be accepted.

It is found that the increase in the scantling numerals due to the addition to the length, does not affect the scantlings ~~as~~ required by the Rules under which the vessel was built. The rudder is of the semi-balanced type, and, making allowance for the balanced portion, in accordance with the present practice, the rudder head is also unaffected by the slight increase in speed.

There is no sensible increase in the displacement of the vessel due to the proposed alteration, and in view of this and of the fact that the weight of the anchors on board is considerably in excess of the tabular requirements, it is considered that the equipment could also be accepted.

It is therefore submitted the Rotterdam Surveyors be informed that the existing scantlings of the vessel, also the equipment, could be accepted with the vessel lengthened at the bow by 23 feet as proposed. The rudder head could also be approved for a speed of  $15\frac{1}{2}$  knots.

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