

Quadruple Screw Passenger Steamer No. 530 proposed to be built by Messrs. John Brown & Company for the Canadian Pacific Railway with a view to class 100A1.

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Rule dimensions : 730 x 97.5 x 52.25 ft. to "C" deck.  
60.75 ft. to "B" deck.  
69.25 ft. to "A" deck.  
78.0 ft. to promenade deck  
(Strength dk. amidships)

Scantling numbers "Equivalent depth" : 36280 & 107455

Proportions : Length = 9.36 depths to promenade deck.  
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Plans of midship section and outline profile were approved on the 24th August last, and an amended sketch of midship section, showing the vessel's breadth increased 6" and embodying the amendments previously required, has now been submitted by the Glasgow Office.

It is submitted that provided

Compliance

the vessel will be eligible to be classed 100A1. *with freedom.*

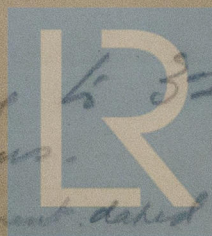
The Builders have indicated, for the strength deck and topsides, alternative scantlings suitable for the employment of special quality steel. These scantlings were approved in August last on the basis that the steel should have a tensile strength of 33/38 tons per square inch with a limit of proportionality of 15 tons per square inch, in accordance with the notice dated 25-6-25.

The Builders now desire to be informed whether any alteration to these scantlings would be involved if a special quality steel having a tensile strength of 29/34 tons, with the same limit of proportionality as before, were employed.

Approval has been given to the employment of special the quality steel having properties now desired by the Builders in the case of some vessels proposed to be built for the

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*\* corresponding to 32' extreme  
for all purposes.  
See endorsement dated 25.8.25*



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Canadian Government Merchant Marine in March 1927, when scantlings were approved as for special quality steel having a tensile strength of 29/34 tons per square inch.

It is submitted the Builders be informed that no alteration to the scantlings will be involved if the tensile strength of the special quality steel is 29/34 tons per square inch, as desired by them, provided the limit of proportionality remains 15 tons per square inch.

The Glasgow Office should be requested to forward a verified copy of the above plan.

7.11.28



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