

Steel Screw Steamer No. 96 proposed to be built by the Furness Shipbuilding Company with a view to class 100A1 "with Freeboard".

Rule Dimensions:- 245 x 39.25 x 21.12 feet

Scantling Nos:- 4716 and 14332
(Equivalent Ship)

Proportions:- Length = 11.6 depths

Plans of midship section, profile and decks submitted (in duplicate) by the Builders direct.

This vessel is a self-trimming collier of the flush deck type with forecastle.

The draught desired is 1'6 $\frac{1}{2}$ " less than that corresponding to the freeboard which could be assigned to a flush deck full-scantling ship having the dimensions proposed and 50% excess sheer.

The proposal has been dealt with on the basis of the moulded summer draught desired being 16 feet, the scantlings being based on an equivalent moulded depth of 19'2 $\frac{1}{2}$ ", which would be required for a flush deck full-scantling vessel with 50% excess sheer to obtain the draught in question.

A similar proposal was approved for the Builders in March last for their Enquiry No. 5056.

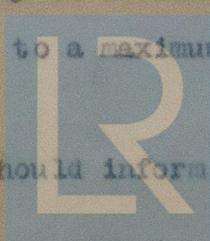
The Builders have already been advised by wire of the approval of the scantlings of the flat plate keel and double bottom.

It is submitted that provided

COMPLIANCE

the vessel will be worthy to be classed 100A1 with a freeboard corresponding to a maximum summer moulded draught of 16 feet.

The Builders should inform the Owners that no



reduction in freeboard could be made without a corresponding increase in scantlings.

W.D. *W.D.*
24.6.25.
T.P.



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