

Messrs. The Forth Shipbuilding & Engineering Co.Ltd., Alloa,
Scotland.

S.S. No. 25.

Rule Dimensions: 285 x 42.5 x 22.5.

Scantling Numbers: 65 and 18525.

Proportions: Length = 12.6 depths.

This vessel is now being built to class B.S.* with the
British Corporation.

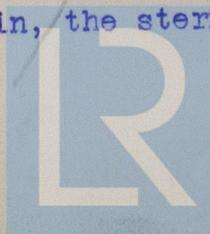
It is expected that she will be launched about the 30th
of this month and completed about the end of September.

Messrs.Vickers, who have an interest in this shipyard,
have forwarded a Midship Section and general arrangement plan
and specification, and request to be informed whether the
scantlings are such as can be accepted for the 100A1 Class,
and if not what additions would be required for this purpose.

The plans have been examined and it is found that with
the following exceptions the scantlings are generally equiva-
lent to the Society's Rules:-

The attachment of the frame brackets to the tank margin
plate is not equal to the Rule requirements; the stern frame
is of less breadth but of greater thickness than given in
the Society's Tables, the sectional area being slightly less;
and the towline is proposed of 105 fathoms of $3\frac{3}{4}$ steel wire
in lieu of 90 fathoms of 4".

It is submitted that provided gusset angles be fitted to
every frame at the Tank margin, the sternframe and towline



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might be accepted in this instance.

It is further submitted that provided the scantlings of the material in the ship be found upon examination to be in accordance with those indicated on the sketch and the workmanship ^{be good,} and satisfactory evidence be produced that the steel has been tested ^{equivalent} similar to the Rule requirements and a favourable report of survey be received from the Society's Surveyors the vessel ^{will be eligible to be classed with} is worthy of the favourable consideration of the Committee for the class 100A1.

It is submitted that as this vessel is not yet launched the full fee for the Special Survey during construction should be charged. It is noted that the machinery is already being built under the survey of this Society.

Messrs Vickers also state that they are at present constructing other four vessels about 20 ft. longer than No. 25, and that if the Committee favourably consider this case the particulars of the remaining vessels will be forwarded in due course.

C.F.

18.8.16

S.M. H.J.

P.A.

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claus.

C to Leith

To 18/8



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