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Two Steel Screw Steamers (Yard Numbers not yet assigned)  
proposed to be built by Messrs. Sir W. G. Armstrong, Whitworth  
& Co., Ltd., with a view to class 100A1 "With freeboard".

Rule Dimensions:- 422 x 56 x 39 to Upper Deck

Scantling Numerals:- 16458 and 40090

Proportions:- Length = 10.8 depths to Upper deck.

Plans of midship section, and profile & decks, submitted  
in duplicate by the Builders direct. A letter has also been  
received from the Newcastle Surveyors respecting these vessels.

These vessels are similar to Messrs. Vickers' No. 605,  
and are intended for carriage of paper in rolls. The steamers  
are specially strengthened against Ice.

With regard to the depth of the hatch side coamings in  
way of Nos. 2 and 5 hatchways on the 2nd deck the Surveyors  
should point out to the Builders that it appears to be  
impracticable to obtain the standard of strength and stiffness  
required by the Rules with the long spans proposed, and the  
reduced depth of girder which is stated to be necessary on  
account of the vessels' trade.

It is suggested, for the consideration of the Builders,  
that the difficulty might be overcome and the Society's Rules  
complied with by re-arranging the positions of the pillars  
so as to reduce the span of the girder.

It may also be remarked that in a similar vessel now  
building, the girder at the same positions and of the same span  
was made 18" in depth instead of 15" as in the present cases.

It is submitted that provided

#### COMPLIANCE

the vessels will be worthy to be classed 100A1 with a freeboard  
corresponding to a maximum draught not exceeding that

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W404-0131(1/2)

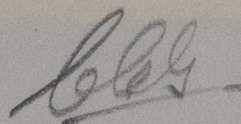


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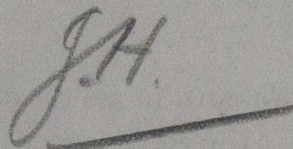
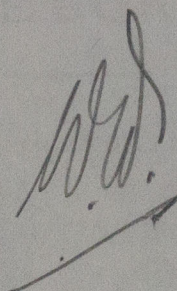
contemplated by the Rules for a complete superstructure vessel having a tonnage opening.

Owners' consent to Revised Rules.

One set of the plans should be retained for reference.



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W404-0131(2/2)