

"LADY CONNAUGHT"

Dimensions:- 325' x 41.5' x 17.92' to Upper Deck
25.42' to Bridge Deck

Built:- 1912.

Class:- 100A1 "With freeboard".

Owners:- British & Irish Steam Packet Co.

Present Draught:- 16' moulded.

Type:- Poop, bridge & forecastle vessel with short wells, the side plating in way of the wells extending to the height of the erection deck but ~~closed~~ by large cattle gangway doors. *Pierad*

A letter has been received from the Glasgow Office stating that the vessel is being fitted out as a hospital ship, and it has been decided to fill in the forward and after wells and fit hinged steel doors at the ship's sides. The Surveyors ask to be informed of the increase in draught which could be permitted when the alterations are complete, and also particulars of the scantlings of deck, shell, etc. for the structure filling in the wells.

The scantlings have been compared with the requirements of the Rules with the following results:-

Strength of Framing exceeds the C.S.S. standard by 83% of the difference between the C.S.S. standard and the F.S.F.D. standard.

Longitudinal Strength is not quite equivalent to C.S.S. standard.

It is submitted the scantlings are such that a moulded draught of 17'0" could be permitted. When informing the Glasgow Office of the alteration to the freeboard, the Surveyors should also be informed that the following scantlings are suggested for the additional structure used for filling in the wells:-

Side Shell	.44
Deck	.36 if sheathed
	.30 unsheathed

with beams on every frame.

Adequate scarphing arrangements to be provided at the junction of the bridge and lengthened forecastle, the hinged doors should be watertight & of substantial construction & the strength of the x The equipment grade is not affected.

EL
13th January, 1944. *WJ*

maintained
x Structure in way of the



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