

Freeboard

Steel Transatlantic Turbine Liner proposed to be built by the Stabilimento Tecnico Triestino for the Lloyd Sabaudo with a view to class 100A1 "With freeboard".

Rule dimensions : 755.92 x 95.15 x 63.32 ft. to "B" deck.
73.16 ft. to "A" deck.
82.02 ft. to promenade deck
Scantling numbers, "Equivalent ship" : ~~36095 + 108020~~
~~38204 + 110130~~
Proportions : Length = 11.94 feet to "B" deck
10.33 ft. to "A" deck
9.22 ft. to promenade deck (strength deck amidships)

Preliminary small scale plans of midship section, profile and decks, shell expansion and bottom submitted (in duplicate) by the Trieste Surveyors.

Plans for a previous design for a similar vessel 806 ft. in length were approved in April last.

It is submitted the Surveyors be informed that if the promenade and "A" decks be of Special Quality Steel, it is considered that the side plating, namely "V" & "W" strakes should also be of Special Quality Steel in way of these decks.

It appears to be hardly necessary to arrange for Special Quality Steel at the break of the decks forward, as this is so close to the forward end of the vessel. If, however, the Builders arrange to fit Special Steel at this part, this could be approved, provided the decks and the side plating be of Special Steel, the arrangements being similar to those amidships.

The Surveyors will observe it has been found necessary to increase the scantlings of the side framing in the tween decks and of the shell plating to be in accordance with the Society's practice for very large vessels of this type.

The plans have been amended where necessary to show the scantlings and arrangements which could be recommended to the Committee for approval for the class 100A1, with a freeboard corresponding to a moulded draught of 30'4" *for all seasons*.