

"HABANA" ex "ALFONSO XIII"

Dimensions:- 480' x 61' x 35.75' and 43.75'
Built:- 1915-1923
Owners:- Cia Trasatlantica.

This vessel was constructed as a shade deck ship with openings in the topsides and was assigned the minimum geometric freeboard which corresponds to a moulded draught of 29'2".

As the Rules stood at the time the plans were approved, there would have been no alteration in the scantlings had there been no openings in the sides and a freeboard could have been assigned corresponding to a moulded draught of 30'4½".

A section modulus calculation has been made and it is found that the scantlings are such that according to the formula adopted as a guide by the International Load Line Convention the vessel would be entitled to a draught of 30.1 feet.

Compared with the requirements of the present Rules on the basis of this draught, it is found that the topside scantlings are slightly deficient, but the shell plating and framing are considerably in excess, and in these circumstances it is submitted a freeboard corresponding to a moulded draught of 30' could be assigned.

7th March, 1941.

W.J.

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