

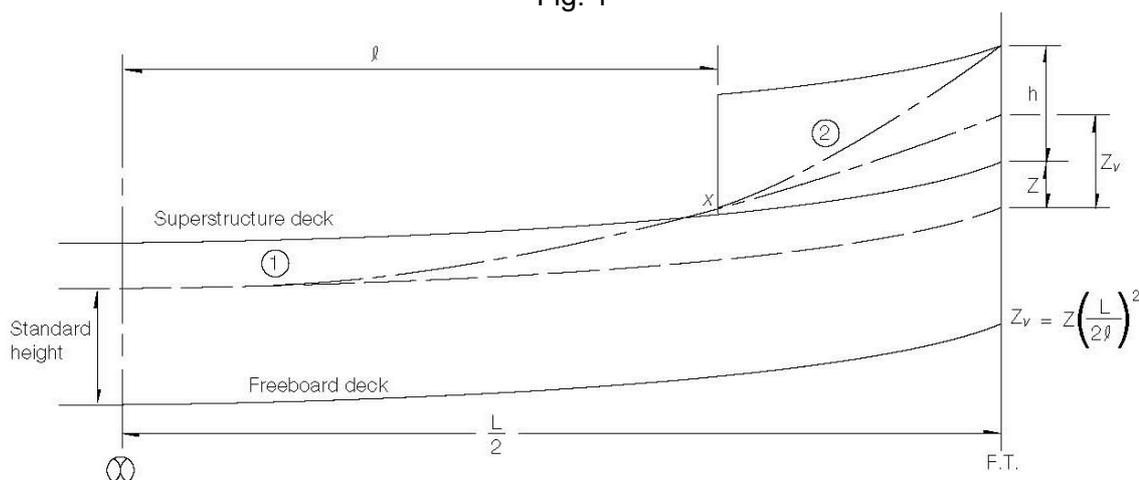
# LL29 Shear Credit for Superimposed Superstructures (Regulation 38(5), 38(7) and 38(12))

(1972)  
(Rev.1  
1983)  
(Rev.2  
July 2008)

- (a) **Regulation 38(5):** Superstructures superimposed on a complete superstructure.

In applying Regulation 38(5) (sheer on a complete superstructure ship) where there is an enclosed poop or forecastle superimposed on a complete superstructure, sheer credit shall be allowed for such a poop or forecastle, according to the method of Regulation 38(12) as shown in Fig 1.

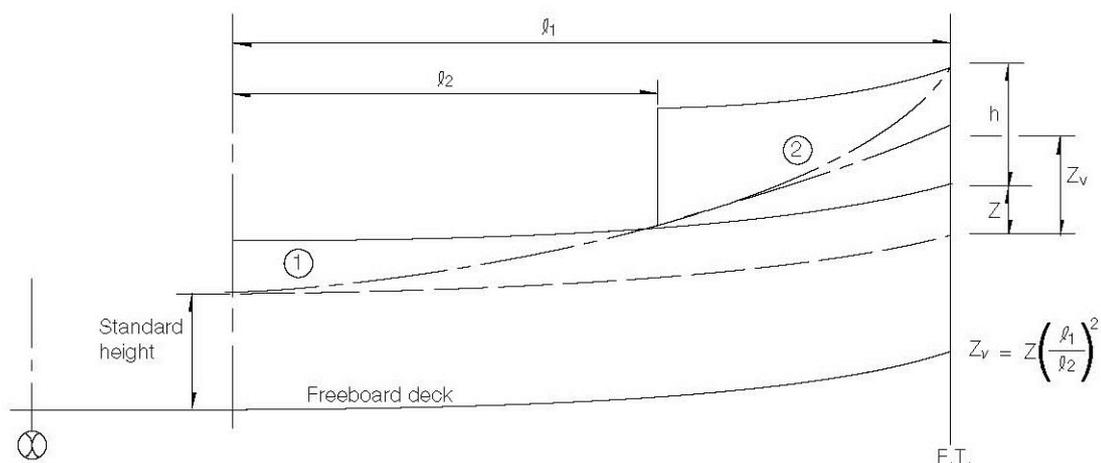
Fig. 1



- (b) **Regulation 38(7):** Superstructures superimposed on a forecastle or poop (i.e. a stepped forecastle or poop).

In applying Regulation 38(7) and 38(12) where a poop or forecastle consists of two layers, the method shown in Fig 2 shall be used:

Fig. 2



Footnote: This UI is applicable to Regulations 38(5), 38(7) and 38(12) of the 1988 Protocol.

**LL29**  
(cont)

In the above the following definitions apply:

Z is as per Regulation 38(5).

$Z_v$  is the end ordinate of a virtual standard parabolic curve taken through the point "X". If  $Z_v$  is greater than  $(Z+h)$ , the end ordinate shall be  $(Z+h)$ , in which case point "X" shall be disregarded and curve (2) not taken into account.

When the length of the first tier superstructure is greater than  $0.5L$ , the virtual standard parabolic curve shall commence at amidships as indicated in Fig 1.

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