§ 42.20–20 Correction to the freeboard for vessels under 328 feet in length.

(a) The tabular freeboard for a Type "B" vessel of between 79 feet and 328 feet in length having enclosed superstructures with an effective length of up to 35 percent of the length of the vessel shall be increased by:

\[ 0.09 \times \left( \frac{328 - L}{E} - \left( \frac{E}{L} \right) \right) \text{ inches} \]

where:

- \( L \) = length of vessel in feet.
- \( E \) = effective length of superstructure in feet as defined in §42.20–50.

§ 42.20–25 Correction for block coefficient.

If the block coefficient (Cb) exceeds 0.68, the tabular freeboard specified in §42.20–15 as modified, if applicable, by §§42.20–5 (b) and (d), and 42.20–20(a) must be multiplied by the factor \( (\text{Cb} + 0.68) \times 0.68 \).


§ 42.20–30 Correction for depth.

(a) Where \( D \) exceeds \( L/15 \) no reduction shall be made except in a vessel with an enclosed superstructure covering at least 0.6 \( L \) amidships, with a complete trunk, or combination of detached enclosed superstructures and trunks which extend all fore and aft, where the freeboard shall be reduced at the rate prescribed in paragraph (a) of this section.

(b) Where the height of superstructure or trunk is less than the standard height, the reduction shall be in the ratio of the actual to the standard height as defined in §42.20–40.

[CGFR 68–60, 33 FR 10064, July 12, 1968]

§ 42.20–35 Correction for position of deck line.

(a) Where the actual depth to the upper edge of the deck line is greater or less than \( D \), the difference between the depths shall be added to or deducted from the freeboard.

[CGFR 68–60, 33 FR 10065, July 12, 1968]

§ 42.20–40 Standard height of superstructure.

(a) The standard height of a superstructure shall be as given in Table 42.20–40(a):

<table>
<thead>
<tr>
<th>Length (( L )) (in feet)</th>
<th>Raised quarter deck</th>
<th>All other superstructures</th>
</tr>
</thead>
<tbody>
<tr>
<td>98.5 or less</td>
<td>3.0</td>
<td>5.9</td>
</tr>
<tr>
<td>246</td>
<td>3.9</td>
<td>5.9</td>
</tr>
<tr>
<td>410 or more</td>
<td>5.9</td>
<td>7.5</td>
</tr>
</tbody>
</table>

1 The standard heights at intermediate lengths of the vessel shall be obtained by linear interpolation.


§ 42.20–45 Length of superstructure.

(a) Except as provided in paragraph (b) of this section, the length of a superstructure (S) shall be the mean length of the parts of the superstructure which lie within the length (L).

(b) Where the end bulkhead of an enclosed superstructure extends in a fair convex curve beyond its intersection with the superstructure sides, the length of the superstructure may be increased on the basis of an equivalent...