



IMCO

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Technical Committee

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BY THE DRAFTING GROUP

Regulation 3(2)-(4) - Enclosed Spaces

- (2) Enclosed spaces referred to in paragraph (1) of this Regulation shall be all those spaces which are separated off by the ship's hull, by decks or coverings other than permanent or movable awnings, or by fixed or portable partitions. No break in a deck, nor any opening or openings in the ship's hull, a deck or a covering of a space or in the partitions or bulkheads of a space, nor the absence of a partition shall prevent a space from being measured and included in the enclosed space if means are provided for closing such a break, opening or openings.
- (3) Subject to paragraph (2) of this Regulation, the following spaces shall not be considered as enclosed spaces unless they are provided with shelves or other means for securing cargo or stores and shall not therefore be included in the total volume of enclosed spaces of the ship:

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- (a)(i) A space within an erection opposite an end opening from deck to deck except for a curtain plate of a depth not exceeding by more than 25 millimetres (one inch) the depth of the adjoining deck beams which is not provided with means of closing and which opening has a breadth equal to or greater than 90 per cent the breadth of the deck at the line of the opening of the space (see Figure ...). This provision shall be so applied as to exclude from the total volume of enclosed spaces of the ship only the space between the actual end opening and a line drawn parallel to the line or face of the opening at a distance from the opening equal to one-half the width of the deck at the line of the opening (see Figure ...).
- (ii) Should the open space because of any arrangement except by convergence of the outside plating, become of less width than 90 per cent the breadth of the deck, then only the space between the line of the opening and a parallel line drawn through the point where the athwartships width of the open space become equal to, or less than, 90 per cent the breadth of the deck shall be excluded from the total volume of enclosed spaces of the ship (see Figure ...).
- (iii) When an open well separates any two spaces the exclusion of which is permitted under paragraph (a)(i) and (ii) of this Regulation such exclusion shall not apply if the separation between them is less than the least half breadth of the deck in way of the separation (see Figure ...).

- (b) A space under an overhead deck or covering open to the sea and weather, having no other connexion on the exposed sides with the body of the ship than the stanchions necessary for their support; open rails or a bulwark and curtain plate may be fitted or stanchions fitted at the ship's side provided the open space between the top of the rails or the bulwark and the curtain plate is not less than 0.75 metres (2.5 feet) or one-third the height of the space, whichever is the greater (see Figure ...).
- (c) A space in a side-to-side erection directly in way of opposite side openings not less in height than 0.75 metres (2.5 feet) or one-third the height of the erection whichever is the greater; if the opening is provided on one side only the space excluded from the total volume shall be limited inboard from the opening to a maximum of one-half the breadth of the deck in way of the opening (see Figure ...).
- (d) A space in an erection immediately below an uncovered opening in the deck overhead, provided that such an opening is exposed to the weather and the space excluded from the enclosed spaces is limited to the area of the opening (see Figure ...).
- (e) A recess in the boundary bulkhead of an erection which is exposed to the weather and the opening of which extends from deck to deck without means of closing, provided that the interior width is not greater than the width at the entrance and its extension into the erection is not greater than twice the width of its entrance (see Figure ...).

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- (4) In the event that any space excluded from the total volume of enclosed spaces of the ship in compliance with paragraph (3) of this Regulation has been put to a condition which does not permit such exclusion in compliance with that paragraph, such space shall be included in the total volume of enclosed spaces and shall not thereafter be excluded therefrom until the ship is transferred to the flag of another State or a real change in the ownership of the ship takes place or if the ship undergoes major structural alterations.

Regulation 6 - Calculation of volumes and displacement

- (1) All volumes and displacement included in the calculation of gross and net tonnages shall be measured to the inner side of the shell or boundary bulkheads in ships constructed of metal, and the outer surface of the shell or boundary bulkheads in ships constructed of any other material.
  - (2) Volumes of appendages shall be included in the total volume and displacement.
  - (3) Volumes of spaces open to the sea may be excluded from the total volume and displacement.
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