

(b) The provisions of this Article shall not apply to cargo states or cargo gangways when exclusively used for the process.

(6) Workers shall not use, or be required to use, any other means of access than the means specified or allowed by this Article.

#### Article 4

When the workers have to proceed to or from a ship by water for the processes, appropriate measures shall be prescribed to ensure their safe transport, including the conditions to be complied with by the vessels used for this purpose.

#### Article 5

(1) When the workers have to carry on the processes in a hold the depth of which from the level of the deck to the bottom of the hold exceeds 5 feet (1 m. 50), there shall be safe means of access from the deck to the hold for their use.

(2) The said means of access shall ordinarily be by ladder, which shall not be deemed to be safe unless it complies with the following conditions:

- (a) provides foothold of a depth, including any space behind the ladder, of not less than  $4\frac{1}{2}$  inches ( $11\frac{1}{2}$  cm.) for a width of not less than 10 inches (25 cm.) and a firm handhold;
- (b) is not recessed under the deck more than is reasonably necessary to keep it clear of the hatchway;
- (c) is continued by and is in line with arrangements for secure handhold and foothold on the coamings (e.g., cleats or cups);
- (d) the said arrangements on the coamings provide foothold of a depth, including any space behind the said arrangements of not less than  $4\frac{1}{2}$  inches ( $11\frac{1}{2}$  cm.) for a width of not less than 10 inches (25 cm.);
- (e) if separate ladders are provided between the lower decks, the said ladders are as far as practicable in line with the ladder from the top deck.

Where, however, owing to the construction of the ship, the provision of a ladder would not be reasonably practicable, it shall be open to the competent authorities to allow other means of access, provided that they comply with the conditions laid down in this Article for ladders so far as they are applicable.

In the case of ships existing at the date of the ratification of this Convention the measurement requirements of sub-paragraphs (a) and (d) of this paragraph shall be deemed to be complied with, until the ladders and arrangements are replaced, if the actual measurements are not more than 10 per cent less than the measurements specified in the said paragraphs (a) and (d).

(3) Sufficient free passage to the means of access shall be left at the coamings.

(4) Shaft tunnels shall be equipped with adequate handhold and foothold on both sides.