

# LL62 Side Scuttles, Windows and Skylights (Regulation 23)

(1997)  
(Rev.1  
July 2008)  
(Corr.1  
Aug 2010)

(1) Side scuttles and windows together with their glasses, deadlights<sup>1</sup> and storm covers, if fitted, shall be of approved design and substantial construction in accordance with, or equivalent to, recognised national or international standards. Non-metallic frames are not acceptable.

(2) Side scuttles are defined as being round, or oval, openings with an area not exceeding 0.16 square metres. Round or oval openings having areas exceeding 0.16 square metres shall be treated as windows.

(3) Windows are defined as being rectangular openings generally, having a radius at each corner relative to the window size in accordance with recognised national or international standards, and round, or oval, openings with an area exceeding 0.16 square metres.

(4) Side scuttles to the following spaces shall be fitted with efficient hinged inside deadlights:

- (a) spaces below freeboard deck
- (b) spaces within the first tier of enclosed superstructures
- (c) first tier deckhouses on the freeboard deck protecting openings leading below or considered buoyant in stability calculations.

The deadlights shall be capable of being effectively closed and secured watertight if fitted below freeboard deck and weathertight if fitted above.

(5) Side scuttles shall not be fitted in such a position that their sills are below a line drawn parallel to the freeboard deck at side and having its lowest point 2.5 percent of the breadth B, or 500 mm, whichever is the greatest distance, above the summer load line (or timber summer load line if assigned).

(6) Side scuttles shall be of the non-opening type in ships subject to damage stability regulations, if calculations indicate that they would become immersed by any intermediate stage of flooding or the final equilibrium waterplane in any required damage case.

(7) Windows shall not be fitted below the freeboard deck, in the first tier end bulkheads or sides of enclosed superstructures and in first tier deckhouses<sup>2</sup> considered buoyant in the stability calculations or protecting openings leading below.

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<sup>1</sup> 'Deadlights', in accordance with recognised standards, are fitted to the inside of windows and side scuttles while 'storm covers', of comparable specifications to deadlights, are fitted to the outside of windows, where accessible, and may be hinged or portable.

<sup>2</sup> Two members reserved their position for those cases where this first tier is not considered buoyant, provided efficient deadlights are fitted.

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Footnotes:

1. This UI is also applicable to Regulation 23 of the 1988 Protocol.
2. Paragraph 7 of this UI is applicable to Reg. 23(7)(c) of the revised 1988 Protocol.
3. Paragraph 11 of this UI is applicable to Reg. 23(11) of the revised 1988 Protocol.

**LL62**  
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- (8) Side scuttles and windows at the side shell in the second tier, protecting direct access below or considered buoyant in the stability calculations, shall be provided with efficient hinged inside deadlights capable of being effectively closed and secured weathertight.
- (9) Side scuttles and windows set inboard from the side shell in the second tier, protecting direct access below to spaces listed in paragraph (4), shall be provided with either efficient hinged inside deadlights or, where they are accessible, permanently attached external storm covers of approved design and of substantial construction and capable of being effectively closed and secured weathertight.
- (10) Cabin bulkheads and doors in the second tier separating side scuttles and windows from a direct access leading below may be accepted in place of deadlights or storm covers fitted to the side scuttles and windows.
- (11) Deckhouses situated on a raised quarter deck or on the deck of a superstructure of less than standard height or on the deck of a deckhouse of less than standard height, may be regarded as being in the second tier as far as the provision of deadlights is concerned, provided the height of the raised quarter deck, superstructure or deckhouse is equal to, or greater than, the standard quarter deck height.
- (12) Fixed or opening skylights shall have glass thickness appropriate to their size and position as required for side scuttles and windows. Skylight glasses in any position shall be protected from mechanical damage and where fitted in positions 1 or 2, shall be provided with robust deadlights or storm covers permanently attached.

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