

SC136 Connecting means by which the main bus bars of the main source of electrical power are normally connected

(May, 1998)
(Corr.
May, 2000)
(Rev.1
July 2003)
(Corr.1
Jan 2004)
(Rev.2
July 2004)
(Rev.3
Nov 2005)

(Chapter II-1, Regulation 41.5.1.3)

Regulation

Where the main source of electrical power is necessary for propulsion of the ship, the main busbar shall be subdivided into at least two parts which shall normally be connected by circuit breakers or other approved means; so far as is practicable, the connection of generating sets and other duplicated equipment shall be equally divided between the parts; and

Interpretation

Other approved means can be achieved by:

- circuit breaker without tripping mechanism; or
- disconnecting link or
- switch

by which bus bars can be split easily and safely.

Bolted links, for example bolted bus bar sections, are not to be accepted.

Note:

1. This UI is to be implemented by all Members and Associates not later than on ships contracted for construction on or after 1 January 1999.
2. Changes introduced in Rev.1 are to be uniformly implemented by IACS Members and Associates from 1 January 2004.
3. The "contracted for construction" date means the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. For further details regarding the date of "contract for construction", refer to IACS Procedural Requirement (PR) No. 29.
4. Rev.3 is to introduce a reference to IMO MSC/Circ. 1176 with no change of technical substance. Two typographical errors are considered to exist in the Annex to MSC/Circ.1176: (Paragraph 5.3) the text should indicate "*circuit breaker without tripping mechanism or [not "and"] disconnecting link or switch by which bus bars can be switched easily and safely*"; and (Paragraph 5.4) the correct reference should be to SOLAS II-1/41.5.1.3 (not 41.4).

END