

The Methods for Fixing Attachments on Cargo Hatch Corners

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part C and CS
Guidance for the Survey and Construction of Steel Ships Part C and CS

Reason for Amendment

Crack damage in way of cargo hatch corners of strength decks of bulk carriers is often observed.

According to the results of the investigation into the causes of this type of damage, it was found that the cases which the crack damage occurred near the ends of welded parts of attachments, such as slant plates to prevent cargo residue or protective means for hatch corners from wire rope grooving, provided on cargo hatch corners accounted for a large share of this type of damage.

Accordingly, for the purpose of preventing the damage around cargo hatch corners of strength decks, relevant requirements in cases that attachments were provided on cargo hatch corners were amended.

Outline of Amendment

- (1) The requirements specifying that attachments such as slant plates or protective means were not to be directly welded onto strength decks, where such attachments were provided on cargo hatch corners of strength decks, were added.
- (2) The requirements for the treatment in cases that attachments such as slant plates or protective means were provided on cargo hatch corners of strength decks were added.
- (3) The requirements related to edge preparation of cargo hatch corners were specified.