

The Use of Hydraulic Arm Vehicles for Close-up Surveys of Single Side Skin Bulk Carriers

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part B

Reason for Amendment

IACS Unified Requirement (UR) Z10.2 specifies requirements related to the hull surveys of single side skin bulk carriers. With regard to bulk carriers of not less than 100,000 deadweight tonnage, the use of hydraulic arm vehicles is accepted for close-up surveys of lower and middle parts of cargo hold shell frames during subsequent Intermediate Surveys and Special Surveys (from Special Survey No. 2 onward). This requirement has already been incorporated into the ClassNK Rules.

With respect to the above, IACS reviewed the use of hydraulic arm vehicles for surveys of the upper part of side shell frames. As a result of this review, IACS decided to amend UR Z10.2 to specify that the use of hydraulic arm vehicles or aerial lifts may be accepted by the attending surveyor for the close-up survey of the upper part of side shell frames or other structures in all cases where the maximum working height is not more than 17 m. This amendment was adopted as UR Z10.2 (Rev.34) in September 2017.

Accordingly, relevant requirements were amended in accordance with IACS UR Z10.2 (Rev.34).

Outline of Amendment

Amended requirements to specify that the use of hydraulic arm vehicles or aerial lifts may be accepted by the attending surveyor for the close-up survey of the upper part of side shell frames or other structures in all cases where the maximum working height is not more than 17 m.

Amended Requirements

Guidance for the Survey and Construction of Steel Ships
Part B: B1.4.2