

Hull Surveys

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part B
Guidance for the Survey and Construction of Steel Ships Part B

Reason for Amendment

IACS Unified Requirements (UR) Z10.1, 10.2, 10.3, 10.4 and 10.5 (UR Z10 series) specify requirements related to the hull surveys of oil tankers, bulk carriers and ships carrying dangerous chemicals in bulk in-service.

On the other hand, bulk carriers and double hull oil tankers subject to Parts CSR-B and CSR-T of the Rules are subject to requirements related to the thickness measurements and renewal criteria respectively specified in each Part. Since the aforementioned CSRs apply concept of net scantling, their treatment of renewal criteria is different from that of the UR Z10 series.

Therefore, IACS in March 2011 adopted amendments to its UR Z10 series to include the specific survey requirements of CSRs into UR Z10 series as the special requirements for the ships built under CSRs and to make the requirements within the series itself more consistent as well.

Accordingly, all relevant requirements have been amended so as to follow IACS URs Z10.1(Rev.18), Z10.2(Rev.28), Z10.3(Rev.12), Z10.4(Rev.9) and Z10.5(Rev.10).

In addition to the above, requirements related to the checking of hatch covers at periodical surveys have been partly amended for clarification purposes.

Outline of Amendment

- (1) To add definitions related to pitting corrosion, edge corrosion and grooving corrosion applicable for the ships subject to Parts CSR-B and CSR-T of the Rules.
- (2) To add requirements related to thickness measurements and renewal criteria for ships subject to Parts CSR-B and CSR-T of the Rules.
- (3) To amend requirements related to the information to be included in main structural plans kept on board ship.
- (4) To amend requirements related to thickness measurements in cases where substantial corrosion was identified at a previous Annual or Intermediate Survey.
- (5) To amend requirements related to the transverse sections to be considered for thickness measurements.
- (6) To clarify requirements related to the general examinations and performance tests of hatch covers at periodical surveys.