

Non-Destructive Inspection of the Welded Joints of Hull Constructions

Amended Rule and Guidance

Rules for the Survey and Construction of Steel Ships Part M

Guidance for the Survey and Construction of Steel Ships Parts B, C, D, GF, M, and N

Reason for Amendment

At each stage of ship construction, non-destructive inspections (NDI) are conducted on the welded parts of hull structures as part of a structural inspection. Regarding the requirements for NDI (such as those related to NDI criteria), no IACS Unified Requirements (URs) specifying a common approach existed, and each classification society instead individually stipulated their own requirements. This approach led to inconsistency with respect to such requirements since not classification societies applied the same requirements.

IACS, therefore, decided to address this matter and discuss the development of some minimum requirements for non-destructive inspections. As a result, IACS developed a new UR to establish such a common approach regarding NDI, and this common approach was adopted by IACS as UR W33 in December 2019.

Accordingly, relevant requirements were amended based upon IACS UR W33.

Outline of Amendment

Amended the requirements for NDI.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part M: 1.4.2, Chapter 8

Guidance for the Survey and Construction of Steel Ships

Part B: B2.1.4

Part C: C32.13.3

Part D: D11.4.5

Part GF: GF16.3.6

Part M: M1.4.2, M8

Part N: N6.5.6