

# **Non-Destructive Testing and Approval of Welding Procedures for Propeller Repairs**

## **Amended Rule and Guidance**

Rules for the Survey and Construction of Steel Ships Part K  
Guidance for the Survey and Construction of Steel Ships Part K  
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

## **Reason for Amendment**

IACS Unified Requirements (UR) W24 and W27 stipulate classification requirements regarding copper alloy propeller castings and stainless steel propeller castings, respectively. These requirements have already been incorporated into the NK Rules.

IACS has recently reviewed some parts of these URs and amended the requirements for non-destructive testing (NDT) and the approval of welding procedures for repairs as a result. The amendments made were then adopted as UR W24(Rev.4) and UR W27(Rev.2).

Accordingly, relevant requirements were amended based upon UR W24(Rev.4) and UR W27(Rev.2).

## **Outline of Amendment**

- (1) Amended requirements for NDT.
- (2) Amended requirements for the approval of welding procedures for repairs.

## **Amended Requirements**

Rules for the Survey and Construction of Steel Ships  
Part K: 5.7.1, 5.7.3, 5.7.7, 5.7.8, 5.7.9, 5.7.10, 5.7.11, 7.2.1, 7.2.3, 7.2.4, 7.2.5, 7.2.6, 7.2.7, 7.2.8, 7.2.9, 7.2.10, 7.2.11, 7.2.12  
Guidance for the Survey and Construction of Steel Ships  
Part K: K5.7.7, K5.7.9, K5.7.10, Fig. K5.7.10-1, Table K5.7.10-2, K7.2.7, K7.2.8, K7.2.9, K7.2.10, K7.2.11, Fig. K7.2.11-1, Table K7.2.11-4, Table K7.2.11-5, Annex K7.2.9  
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use  
Part 1: 6.2.2