

# **Approval Procedures of Corrosion Resistant Steel used for Cargo Oil Tanks**

## **Amended Guidance**

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

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

## **Reason for Amendment**

Amendments to SOLAS which require that all cargo oil tanks of crude oil tankers not less than 5,000 tonnes deadweight engaged in international voyages be protected by coatings in accordance with the IMO Performance Standard for Protective Coatings for Cargo Oil Tanks (IMO Resolution MSC.288(87)) or by alternative means (e.g., corrosion resistant steel) in accordance with the IMO Performance Standard for Alternative Means of Corrosion Protection for Cargo Oil Tanks (IMO Resolution MSC.289(87)) were adopted at the 87th Session of the IMO's Maritime Safety Committee (MSC87) held in May 2010. These amendments apply to ships whose building contract is placed on or after 1 January 2013 or whose delivery takes place on or after 1 January 2016.

Requirements in the current ClassNK Rules related to the approval of corrosion resistant steel for cargo oil tanks are based upon draft versions of IACS Unified Requirement W30 and Unified Interpretation SC258. This was done so that requirements related to the chemical composition, testing, inspecting and manufacturing, etc. of corrosion resistant steel specified in these drafts could be incorporated into the ClassNK Rules in advance. IACS has finalized these draft versions, including some revisions, and adopted them as Unified Requirement W30 and Unified Interpretation SC258 in January and February 2013 respectively.

Accordingly, relevant requirements were amended in accordance with IACS Unified Requirement W30 and Unified Interpretation UI SC258.

## **Outline of Amendment**

- (1) Specified, based upon IACS Unified Interpretation SC258, the items to be included in the corrosion resistant steel technical file in cases where corrosion resistant steel is used as an alternative means of corrosion protection for cargo oil tanks.
- (2) Amended requirements related to both the documents submitted as part of the approval procedures of corrosion resistant steel and the items described in type approval certificates for corrosion resistant steel based upon IACS Unified Requirement W30.