

# **Usage Restrictions on Aluminium Coatings**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part C

## **Reason for Amendment**

Requirements related to aluminium coatings specified in Chapter 25, Part C of the Guidance for the Survey and Construction of Steel Ships are based upon IACS UR F2 which specifies that all coatings containing aluminium regardless of their aluminium content rate are not to be used in the hazardous areas such as cargo tanks of oil tankers or ships carrying dangerous chemicals in bulk.

On the other hand, Part CSR-T of the Rules for the Survey and Construction of Steel Ships which are based upon the IACS Common Structural Rules for Double Hull Oil Tankers (the CSR-T) specifies that aluminium coatings may be used if the safety of such coatings can be verified through appropriate testing. Moreover, such testing may be omitted in cases where the amount of aluminum in the coating is less than 10% by weight.

IACS conducted a review of the requirements related to aluminium coatings in order to eliminate any inconsistencies between UR F2 and the IACS CSR-T. As a result, IACS amended UR F2 by adopting UR F2(Rev.2) in November 2012.

Accordingly, relevant requirements were amended in accordance with UR F2(Rev.2).

## **Outline of Amendment**

Amended relevant requirements to permit the use of coatings containing 10% or less of aluminium by weight in the dry film in the cargo tanks, etc. of oil tankers and ships carrying dangerous chemicals in bulk.