

# **FRP Gratings Used for Safe Access to Tanker Bow**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part C

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

## **Reason for Amendment**

Annex C1.1.7-5, Part C of the Guidance for the Survey and Construction of Steel Ships specifies requirements related to the use of fiber reinforced plastic (FRP) products in accordance with the USCG Marine Safety Manual. In addition, IACS Unified Interpretation SC253, adopted in December 2011, specifies the fire resistance requirements for FRP gratings used for safe access to tanker bow. This UI has already been incorporated into ClassNK Rules.

The IMO Maritime Safety Committee discussed UI SC253 at its 95<sup>th</sup> Session (MSC95) in June 2015, and developed its own unified interpretation based upon the details of UI SC253, which was then circulated as MSC.1/Circ.1504. However, this circular was different from UI SC253 in that the structural fire integrity requirements for FRP gratings used for safe access to tanker bow were modified accordingly so that they were consistent with ASTM F3059-14.

Therefore, IACS revised UI SC 253 for consistency with MSC.1/Circ.1504, and adopted this new version as UI SC 253(Rev.1) in May 2016.

Accordingly, relevant requirements were amended based upon the UI SC253(Rev.1).

## **Outline of Amendment**

Specified that the fire integrity requirements for FRP gratings used for safe access to tanker bow are to be in accordance with ASTM F3059-14.

## **Amended Requirements**

Guidance for the Survey and Construction of Steel Ships

Part C: Annex C1.1.7-5 Table 1.3.1

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

Part 2 9.4.2