

Load Bearing Structures of High Speed Craft on Fire

Amended Guidance

Guidance for High Speed Craft

Reason for Amendment

Chapter 7.4.2.3 of the International Code of Safety for High-Speed Craft, 2000 (HSC Code) stipulates that main load-carrying structures within areas of major fire hazard and areas of moderate fire hazard and structures supporting control stations shall be arranged to distribute load such that there will be no collapse of the construction of the hull and superstructure when it is exposed to fire for the appropriate fire protection time.

However, in the application of the aforementioned chapter 7.4.2.3, the interpretations about “fire protection time of load-carrying structures”, “considerable extent of structural fire protection”, “fire testing” and “load case” were somewhat unclear; IACS, therefore, developed a unified interpretation and adopted it as UI HSC8 in July 2012.

Accordingly, relevant requirements were amended in accordance with IACS UI HSC8.

Outline of Amendment

With regard to requirement stipulated in chapter 7.4.2.3 of HSC Code, the definitions regarding “fire protection time of load-carrying structures”, “extent of structural fire protection”, “fire testing” and “load case” were specified.