

Installation Positions of Fixed Hydrocarbon Gas Detection Systems

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R

Guidance for the Survey and Construction of Inland Waterway Ships

Reason for Amendment

SOLAS II-2/Reg.4.5.7.3.1 specifies that oil tankers of 20,000 tonnes deadweight and above are to be provided with fixed hydrocarbon gas detection systems in all ballast tanks adjacent to cargo tanks and all void spaces located in double-hull and double-bottom spaces adjacent to cargo tanks. Although the regulation does not specify anything regarding slop tanks, Class NK has always considered slop tanks to be cargo tanks with respect to this regulation and thus requires ballast tanks and void spaces adjacent to slop tanks to also be provided with fixed hydrocarbon gas detection systems.

IACS reviewed the above-mentioned regulation in order to clarify the installation positions of fixed hydrocarbon gas detection systems and, as a result, adopted UI SC268 in March 2014. UI SC268 also clarifies that cargo tanks includes slop tanks except those arranged for the storage of oily water only, etc.

Accordingly, relevant requirements were amended in accordance with UI SC268.

Outline of Amendment

- (1) Specified that cargo tanks includes slop tanks except those arranged for the storage of oily water only.
- (2) Specified that tanks required to be provided with fixed hydrocarbon gas detection systems excludes fuel oil tanks.
- (3) Specified that the wording “adjacent to the cargo tanks” means forming a cruciform (corner to corner) contact with the cargo tanks.