# Volume of the Largest Protected Space of Fixed High-expansion Foam Fire-extinguishing Systems

**Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part R
Guidance for the Survey and Construction of Passenger Ships

**Reason for Amendment**

Amendments to the Fire Safety Code (FSS Code) were adopted as MSC.327(90) by the IMO Maritime Safety Committee at its 90$^{th}$ Session (MSC90) in May 2012. These amendments were related to the specifications of fixed high-expansion foam fire-extinguishing systems installed in machinery spaces of category A, etc. and have already been incorporated into the ClassNK Rules.

Chapter 6 of the revised FSS Code specifies, among other things, that the foam-generating capacity of a fixed high-expansion foam fire-extinguishing system is to be sufficient to completely fill the largest protected space within 10 minutes. In cases of machinery spaces of category A including casings, it was not clear on the volume of the largest protected space. IACS reviewed the matter in order to clarify the volume and, as a result, adopted UI SC262 in June 2013 to provide clarification.

Accordingly, all relevant requirements were amended based upon UI SC262.

**Outline of Amendment**

Specified the volume of the largest protected space in cases where machinery spaces of category A are protected by fixed high-expansion foam fire-extinguishing systems.