



## **KISH P & I LOSS PREVENTION CIRCULAR KPI-LP-175-2014** **(IMSBC Amendments Coming Into Force)**

*Significant updates to the IMSBC Code are coming in to effect as of 1 January 2015.*

### **► The development:**

Members are advised that as of 1 January 2015 compliance with the Amendments 02-13 to the International Maritime Solid Bulk Cargoes (IMSBC) Code will become mandatory as per Resolution MSC.354(92) adopted during The Maritime Safety Committee's ninety-second session (12 to 21 June 2013).

Amendments 02-13 are the second set of amendments to the IMSBC Code. There is a general aim to have an amendment carried out every two years to reflect changes in the nature and variety of solid bulk cargoes presented for shipment and advances in expert understanding regarding the safest ways to carry established solid bulk cargoes.

### **► Specific changes:**

The main changes in this Amendment which are of relevance to members include:

#### **Introduction of new definitions:**

*"Potential sources of ignition"* - which means, but is not limited to, open fires, machinery exhausts, galley uptakes, electrical outlets and electrical equipment unless they are of certified safe type.

*"Sources of heat"* - which means heated ship structures, where the surface temperature is liable to exceed 55°C. Examples of heated structures are steam pipes, heating coils, top or side walls of heated fuel and cargo tanks, and bulkheads of machinery spaces.

*"Competent authority"* - a new sentence is added at end of the original definition: "The competent authority shall operate independently from the shipper."

#### **Section 3 - Safety of personnel and ship:**

The existing text under 3.6 is renumbered as 3.6.1 and two new paragraphs 3.6.2 and 3.6.3 are added to sub-Section 3.6 Cargo under in-transit fumigation.

#### **Section 4 - Assessment of acceptability of consignments for safe shipment:**

Various changes have been made to sub-Section 4.3 Certificates of test and sub-Section 4.4 Sampling procedures.

#### **Section 7 - Cargoes that may liquefy:**

The existing paragraph 7.2.2 is replaced with the following: "7.2.2 Liquefaction does not occur when the cargo consists of large particles or lumps and water passes through the spaces between the particles and there is no increase in the water pressure."

#### **Section 8 - Test procedures for cargoes which may liquefy:**

A new paragraph 8.4.2 has been added to this section which describes how to carry out "can test", as follows: "8.4.2 If samples remain dry following a can test, the moisture content of the material may still exceed the Transportable Moisture Limit (TML)."

**A number of existing schedules in the Appendix have been updated as well as some new schedules have been added to the Appendix of the IMSBC Code**

For a complete list of amendments, please refer to the attached Resolution MSC.354 (92).

Members are recommended that they are familiar with these changes and vessels are ready to operate pursuant to them before 1 January 2015 in accordance with flag or port state requirements.

**►BIMCO Frequently Asked Questions:**

BIMCO has also released a detailed FAQ which can be accessed by BIMCO members from their website.

It is advisable to always seek the best possible information on the precise nature of the cargo that is being considered for carriage, so that the same can be planned and executed safely and within the regulatory framework of not just the IMSBC but also SOLAS.

**Loss prevention advice:**

There have seen a variety of issues with respect to bulk cargo safety over time and two very specific issues continue to be:

**A. Liquefaction:**

Members are advised to continue to be aware of this issue, as fundamentally the risks have not changed. Experience has shown that while some places are more prone to have problematic cargoes than others, even in more developed places this issue has arisen.

Both ship and shore experience, plus keen vigilance have proven some of the most effective loss prevention, with a robust master refusing to load a suspect cargo being a great asset to any ship-owner.

Detailed information on the issues of liquefaction can be found in the bulk cargo liquefaction section.

**B. Mis-declaration of cargoes:**

This is a problem not confined to the bulk cargo industry, but certainly one where it is serious. Particular examples include the following (non-exclusive) list,

- i.** Mis-declared cargo for IMSBC Categories A, B, and A&B (i.e.: stated to be C),
- ii.** Incorrect cargo specifications as to moisture contents,
- iii.** Mis-naming of cargoes, particularly DRI cargoes,
- iv.** Mis-stating cargo temperatures, seen with both coal and cement clinker.