

UI SC239 “Insulation with approved non-combustible materials (Reg. II-2/3.2.3)”

Part A. Revision History

Version no.	Approval date	Implementation date when applicable
New (June 2010)	24 June 2010	1 January 2012

- **New (June 2010)**

.1 Origin for Change:

- Suggestion by IACS member

.2 Main Reason for Change:

This UI was developed to ensure that the yards will be aware that the details of the fastening methods mentioned in type approval certificates will have to be complied with when installing A-class insulation in bulkheads and decks.

.3 List of non-IACS Member classification societies contributing through the TC Forum and/or participating in IACS Working Group:

Nil

.4 History of Decisions Made:

This UI was discussed and developed by the Statutory Panel through correspondence or at the Statutory Panel meeting.

.5 Other Resolutions Changes

See also UI FTP5 (New, June 2010)

.6 Dates:

Original Proposal: *14 August 2008 by the Statutory Panel*
Panel Submission to GPG: *02 June 2010 (Ref. 10077_PSa)*
GPG Approval: *24 June 2010 (Ref. 10077_IGb)*

Part B. Technical Background

List of Technical Background (TB) documents for UI SC239:

Annex 1. **TB for Original Resolution (June 2010)**

See separate TB document in Annex 1.



Technical Background for UI SC239 New, June 2010

1. Scope and objectives

This UI was developed to ensure that the yards will be aware that the details of the fastening methods mentioned in type approval certificates will have to be complied with when installing A-class insulation in bulkheads and decks.

2. Engineering background for technical basis and rationale

UI FTP5, "Testing and approval of "A" class divisions – fastening of insulation material and details of joints", was developed to ensure that the method of fastening A-class insulation on ships' bulkheads and decks on board the ship corresponds to how the insulation was fastened during the fire test of the insulation. A-0 divisions may or may not contain insulation as A-0 does not require a temperature criterion for steel divisions, but if fitted it must meet the same criteria as other A-Class divisions. For example, Lightweight Bulkhead Panel Systems and Aluminium Divisions require insulation.

Since the yards will normally not be involved with details covered in UI FTP5, UI SC239 has been developed to ensure that the yards will be aware that the details of the fastening methods mentioned in type approval certificates will have to be complied with when installing A-class insulation in bulkheads and decks on board the ship.

3. Source/derivation of the proposed IACS Resolution

N.A.

4. Summary of Changes intended for the revised Resolution:

N.A.

5. Points of discussions or possible discussions

The Statutory Panel discussed the application statement in following points:
The implementation date for the UI FTP5 is 1 July 2011 and for this UI SC is 1 January 2012. The reasoning behind these implementation dates took into account:
1) that the surveyor is to ensure insulation is installed in accordance with type approval report, regardless if the type approval is provided in accordance with the new FTP UI or not; and
2) that the FTP UI will allow existing type approvals to expire thus avoiding a wholesale renewal of the certification on or before the implementation date of the new FTP UI.

6. Attachments if any

None.