

Recommendation No.116 “Performance Standard for Protective Coatings for Cargo Oil Tanks of Crude Oil Tankers - 5 years field exposure test in accordance with MSC.288 (87)”

Part A. Revision History

Version no.	Approval date	Implementation date when applicable
Rev.1 (Feb 2013)	14 February 2013	-
NEW (Feb 2011)	16 February 2011	-

- **Rev.1 (Feb 2013)**

.1 Origin for Change:

- Suggestion by IACS members

.2 Main Reason for Change:

To harmonise the recommendation with the requirements in MSC.288 (87).

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

None

.4 History of Decisions Made:

Statutory panel developed a new UI 259 for PSPC-COT – IMO resolution MSC.288(87). It was suggested that Rec 116 also needs to be revised to harmonise it with IMO resolution MSC.288(87).

.5 Other Resolutions Changes

New UI SC259

.6 Dates:

Original Proposal: *12 January 2013 by Statutory panel*
GPG Approval: *14 February 2013 (Ref: 9638fIGi)*

- **NEW (Feb 2011)**

.1 Origin for Change:

- Based on IMO Regulation (MSC.288 (87))

.2 Main Reason for Change:

Imminent need for paint industry to produce approved by 5 year filed exposure test prior to the statutory entry into force of the resolution (1 January 2012), while requirements will be mandatory on 1 January 2013.

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

None

.4 History of Decisions Made:

Procedures for the approval of coating system is provided as "Method B" in PR 34 and UI SC 223.

Pending the formal conclusion of the relevant Unified Interpretation, this part has been developed as a Recommendation to provide an interim solution.

.5 Other Resolutions Changes

Under development

.6 Dates:

Original Proposal: *30 September 2010 by EG Coating*
GPG Approval: *16 February 2011 (Ref: 9638dIGc)*

Part B. Technical Background

List of Technical Background (TB) documents for Rec.116:

Annex 1. **TB for Original Resolution (Feb 2011)**

See separate TB document in Annex 1.



Note: There is no separate Technical Background (TB) document available for Rev.1 (Feb 2013).

Technical Background for Rec.116 New, Feb 2011

1. Scope and objectives

To provide a clear test method for the "5 year field exposure test".

2. Engineering background for technical basis and rationale

Some owner/paint manufacturer have already started field exposure test. In order to provide a procedure for the test, using the established test procedure given as "Method B" in the PR 34 and UI SC 234, as a basis of the work, taking into account the unique elements given in MSC.288 (87) for cargo oil tanks of crude oil tankers, a new recommendation has been prepared.

3. Source/derivation of the proposed IACS Resolution

IACS PR 34 and UI SC 234, as well as IMO MSC.288 (87).

4. Summary of Changes intended for the revised Resolution:

New recommendation developed to meet the requirements of MSC.288 (87).

5. Points of discussions or possible discussions

1. With regard to the test reporting format, the Group noted that Recommendation 87 is no longer available to the public, as well as the fact that the reporting format given in Annex to Recommendation requires modification for the use of field exposure test as per MSC.288 (87), the Group inserted a phrase "in accordance with the principles in section 4 of MSC.1/Circ. 1330" at this stage as an interim solution.
2. Paragraph 2.3 was developed, taking into account the footnotes inserted for the alternative coating system given in MSC.288 (87).

6. Attachments if any

None