



Technical Information

No. : 003 - 2026

30 April 2026

To : All BKI Clients and BKI Surveyors

Subject : Issuance of New Classification Rules:

- NE July 2026 - Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use (Pt.1, Vol.W)
- NE July 2026 - Guidance for Code and Convention Interpretations (Pt.1, Vol.Y)
- NE July 2026 - Guidance for Marine Industry (Pt.1, Vol.AC)

Summary

1. This technical information is to inform the issuance of Classification Guidance as approved at the Internal Review meeting held on 8th April 2026.
2. A total of three (3) Guidance (Part 1) were approved at the Internal Review meetings. The amendments of these Guidance are mainly derived from IACS, IMO MSC and MEPC, feedback obtained from classification services, and other relevant sources.
3. The list of amendments, including the effective date of the Guidance, please refer to the attached Guidance Change Notice.

Information

1. The aforementioned editions of the Classification Guidance are now available on BKI website (www.bki.co.id) under the menu "Research, Research & Development, BKI Rules and Regulations".
2. This information is also available on the One Gate System (OGS) at <http://ogs.bki.co.id> and is intended for internal use only.

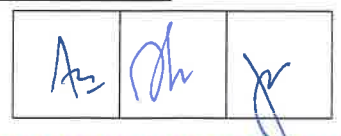
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Director of Classification Business Operation

A handwritten signature in blue ink, appearing to read 'Arief Budi Permana', is written over a horizontal line.

Arief Budi Permana



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SUMMARY OF RULE CHANGES

1. NE July 2026 – Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use (Pt.1, Vol.W)

This edition is essentially developed based on the revisions of IACS UR W11 Rev.10 – *Normal and Higher Strength Hull Structural Steels*, IACS UR W16 Rev.4 – *High Strength Steels for Welded Structures*, and IACS UR M67 Rev.3 – *Type Testing Procedure for Crankcase Oil Mist Detection and Alarm Equipment*. These amendments include changes to the following requirements:

- a. **Approval of manufacturing processes for normal and higher strength steels**
This amendment clarifies submission and certification requirements through the inclusion of additional notation information, updates to certificate contents, and revisions to testing references and specimen requirements.
- b. **Optional approval scheme for normal and higher strength steels for high heat input welding**
This amendment clarifies the optional approval scheme by requiring manufacturers to specify the maximum applied heat input and the applicable plate thickness range. Testing is to represent the approved heat input level, including additional Charpy impact testing at a distance of 10 mm from the fusion line for heat input exceeding 200 kJ/cm, as well as updates to certification/grade notation with a minimum value of 60 kJ/cm in increments of 10 kJ/cm.
- c. **Approval of manufacturing processes for high strength steels for welded structures**
This amendment revises and clarifies requirements related to submission, testing, weldability, changes to approval, and certification of high strength steels used in welded structures. It also introduces specific tables for testing/specimens, clarifies requirements for grades H420–H500 and H550–H960, includes additional Charpy impact testing at 10 mm from the fusion line for high heat input cases, and updates provisions related to CTOD and heat input notation.
- d. **Type approval of crankcase oil mist detection and alarm equipment**
This amendment updates application and documentation requirements for oil mist detection systems used in engines operating on alternative fuels, introduces verification of material compatibility in corrosive or fouling-prone gas/vapour atmospheres, and renumbers the type testing requirements.

Effective date: 1 January 2027

2. NE July 2026 – Guidance for Code and Convention Interpretations (Pt.1, Vol.Y)

Amendments to the *Guidance for Code and Convention Interpretation (Pt.1, Vol.Y)* include the following changes:

- a. UI MPC 131 (withdrawn December 2025) is a Unified Interpretation related to the implementation of amendments to MARPOL Annex VI Appendix IX, as adopted by MEPC.385(81), and has been withdrawn as of December 2025.
- b. UI SC73 Rev.3 clarifies that the requirements of SOLAS II-2/20.6.3.1 concerning portable fire extinguishers for ro-ro vehicle cargo spaces do not apply to weather decks. This revision reflects SOLAS amendments (MSC.550(108)) and is aligned with MSC/Circ.1120.

- c. UI SC140 Corr.1 to Rev.4 (November 2025) updates the main text of the SOLAS regulations used in this UI by incorporating SOLAS amendment text that had previously been omitted due to editorial oversight.
- d. UI SC160 Rev.3 (December 2025) clarifies the locations that are required to be protected by fixed fire detection and fire alarm systems under Method IIC construction.
- e. UI SC180 Rev.5 (November 2025) reflects updates to the performance standards section as well as consequential revisions to UI SC180 and related IMO circulars.

Effective date: 1 January 2027

- f. UI SC308 Rev.1 (November 2025) provides an interpretation of SOLAS Regulation II-2/5.2.1.1 and the IMSBC Code regarding the permanent availability of mechanical surface ventilation.

Effective date: 1 July 2027

- g. Several IACS Unified Interpretations have been deleted, namely UI MPC 51 (deleted November 2025) and UI SC76 (deleted November 2025).

3. NE July 2026 – Guidance for Marine Industry (Pt.1, Vol.AC)

This Guidance amendment introduces technical corrections to the *Shipbuilding Quality Standard (R 47)* through the relocation of material references to Part 4, updates to radio communication requirements (*R 128*) in accordance with SOLAS MSC.496(105), and clarification of the *EEXI Implementation Guidelines (R 172)* in line with MEPC.390(81).

In addition, five new recommendations (*R 192 to R 196*) are introduced, covering aspects related to the human element, portable hydrogen fuel tanks, cybersecurity for existing ships, radio equipment for sea areas A2/A3, as well as quenched and tempered steels (QT steels) with thickness exceeding 150 mm.