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AMENDMENT 1
2016-07-15

**Mechanical vibration — Measurement
of vibration on ships —**

**Part 3:
Pre-installation vibration
measurement of shipboard equipment**

AMENDMENT 1

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*Vibrations mécaniques — Mesurage des vibrations à bord des
navires —*

ISO 20283-3:2006/Amd 1:2016

*Partie 3: Mesurage des vibrations des équipements de bord avant leur
installation*

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/TC 108, *Mechanical vibration, shock and condition monitoring*, Subcommittee SC 2, *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures*.

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Mechanical vibration — Measurement of vibration on ships —

Part 3: Pre-installation vibration measurement of shipboard equipment

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Page iv, Foreword

Replace the last three paragraphs by the following:

A list of parts in the ISO 20283-series can be found on the ISO website.

Page 1, Clause 2

Replace the whole clause by the following:

2 Normative references (standards.iteh.ai)

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1683, *Acoustics — Preferred reference values for acoustical and vibratory levels*

ISO 5348, *Mechanical vibration and shock — Mechanical mounting of accelerometers*

Page 1, Clause 3

Replace the first paragraph by the following:

For the purposes of this document, the terms and definitions given in ISO 2041, ISO 80000-8 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp/>

Page 4, definition 3.11

Add symbol “*F*” after “excitation force”.

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Page 6, 4.5.2

Replace the last sentence by the following:

Field checks of the vibration measurement system should be accurate within ± 1 dB.

Page 20, Figure B.8, Key b

Replace “feature” by “fixture”.

Page 23, Bibliography

Delete entries [2], [3] and [5].

Add the following entries:

ISO 2041, *Mechanical vibration, shock and condition monitoring — Vocabulary*

ISO 80000-8, *Quantities and units — Part 8: Acoustics*

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