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Information technology — Automatic identification and data capture techniques — GS1 Application Identifiers and ASC MH10 Data Identifiers and maintenance

Technologies de l'information — Identificateurs d'application — GS1 et identificateurs de données d'ASC MH10 et entretien

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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

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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 document 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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword — Supplementary information.

The committee responsible for this document is ISO/IEC JTC 1, *Information technology*, Subcommittee SC 31, *Automatic identification and data capture techniques*.

This third edition cancels and replaces the second edition (ISO/IEC 15418:2009), which has been technically revised with the following correction:

— the URLs for Materials Handling Industry (MHI) found in 4.2 and A.2 have been updated.

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Information technology — Automatic identification and data capture techniques — GS1 Application Identifiers and ASC MH10 Data Identifiers and maintenance

1 Scope

This International Standard

— specifies sets of Data Identifiers and Application Identifiers for the purpose of identifying encoded data, and

— identifies the organizations responsible for their maintenance.

2 Normative references

The following document, in whole or in part, is normatively referenced in this document and is indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 19762, *Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary*

ANS MH10, *Data Identifiers and Application Identifiers*

GS1, *General Specifications*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 19762 apply.

4 Data Identifiers and Application Identifiers

Where appropriate, information encoded shall be identified in accordance with one of the following sets of identifiers:

a) GS1 Application Identifiers;

b) ASC MH10 Data Identifiers.

4.1 GS1 Application Identifiers

The GS1 item identification system and related encoding standard are complemented by the GS1-maintained Application Identifiers, hereafter referred to as "GS1 Application Identifiers" (GS1 AIs). This International Standard comprises two principal elements that are the key to any encoding system: the data content and the data carrier.

The use of GS1 AIs is subject to the rules established by GS1.

GS1 AIs identify generic and simple data fields for use in cross-sectorial and international supply chain applications. The GS1 General Specifications provide rules for the definition, format and structure of the data fields.

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