INTERNATIONAL STANDARD

ISO 11784

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AMENDMENT 2
2010-06-01

Radio frequency identification of animals — Code structure

AMENDMENT 2: Indication of an advanced transponder

Identification des animaux par radiofréquence — Structure du code

AMENDEMENT 2: Identification d'un transpondeur évolué

Reference number
ISO 11784:1996/Amd.2:2010(E)

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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 2 to ISO 11784:1996 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 19, *Agricultural electronics*.

Introduction

This amendment extends ISO 11784, which specifies the code structure for the radio frequency identification (RFID) of animals.

A bit is used for indicating that the transponder is of the advanced transponder type (conforming to ISO 11784, ISO 11785 and ISO 14223). The identification number is as defined in ISO 11784:1996, Clause 5, modified by ISO 11784:1996/Amd.1:2004 and this Amendment, which splits the reserved field into an additional field and the remaining reserved field.

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AMENDMENT 2: Indication of an advanced transponder

Page 1, Clause 2

Add the following normative references:

ISO 14223-1, *Radiofrequency identification of animals — Advanced transponders — Part 1: Air interface*

ISO 14223-2, *Radiofrequency identification of animals — Advanced transponders — Part 2: Code and command structure*

ISO 14223-3, *Radiofrequency identification of animals — Advanced transponders — Part 3: Applications*

Page 1, Clause 4

Add the following new terms and definitions:

4.15
advanced transponder
transponder conforming to ISO 14223, downward compatible according to ISO 11784 and ISO 11785, with facilities for storage and retrieval of additional data, integrated sensors, etc.

4.16
RUDI-bit
bit that is a reference to user data inside (RUDI) the transponder memory that indicates if the transponder is an advanced transponder

Page 2, Clause 5

In Table 1, substitute the following rows for the row that previously reserved bit numbers 10 to 15, thereby splitting off bit number 15 from the reserved field and allocating it to the RUDI-bit:

Bit No.	Information	Combinations	Description
10–14	Reserved field	32	The value of these bits shall be set to “0”.
15	RUDI-bit	2	Reference to user data inside the transponder memory. This bit shall be set to “1” if the transponder is of the advanced transponder type.

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