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## Identification cards — Contactless integrated circuit cards - Proximity cards — Part 3: Initialization and anticollision

AMENDMENT X

Alternating PICC and PCD support

*Cartes d'identification — Cartes à circuit intégré sans contact - Cartes de proximité — Partie 3: Initialisation et anticollision*

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AMENDEMENT X

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Amendment X to ISO/IEC 14443-3:2011 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.



# Identification cards — Contactless integrated circuit cards - Proximity cards — Part 3: Initialization and anticollision

## Amendment X: Alternating PICC and PCD support

*Page 1, Clause 1*

Add new bullet after last bullet:

"

- optional means to let a device either to enter the role of a PICC or of a PCD for communicating with a PCD, resp. a PICC.

"

Replace last paragraph by:

"

This part of ISO/IEC 14443 is applicable to PICCs of Type A and of Type B, PCDs of Type A and of Type B and EPDs (as described in ISO/IEC 14443-2).

"

*Page 2, Clause 4*

Add new abbreviated term:

"EPD            Extended Proximity Device"

*Page 5, Clause 5*

Move existing clause 5 into new sub clause 5.2

Create new clause 5 and sub clause 5.1:

"

## 5 Initial dialogs

### 5.1 Alternating PICC and PCD support

An extended proximity device (EPD) may alternately support PICC requirements (PICC mode, either Type A or Type B) and PCD requirements (PCD mode, Type A and Type B).

The alternation between the PICC mode and the PCD mode may be manually selected or automatic.

If the alternation is automatic then:

- the default mode is PICC mode,
- the PICC mode lasts more time than the PCD mode (alternating between Type A and Type B commands),

— the PICC mode duration varies randomly.

The EPD may detect an external operating field greater than 0,1875 A/m (rms) to decide not to enter PCD mode and to stay in PICC mode for a further random PICC mode duration.

"