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Cards and personal identification	
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ISO/IEC 10373-6:2010/PDAM 11

ISO/IEC JTC 1/SC 17/WG 8

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Identification cards — Test methods — Part 6: Proximity cards

AMENDMENT 11
Exchange of additional parameters

Cartes d'identification — Méthodes d'essai — Partie 6: Cartes de proximité

AMENDEMENT 1
Echange de paramètres additionnels

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Foreword

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Amendment 11 to ISO/IEC 10373-6:2010 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

Identification cards — Test methods — Part 6: Proximity cards

AMENDMENT 1:
Exchange of additional parameters

Page 141 of ISO/IEC FDIS 10373-6:2010,

Add the following new Scenario after Scenario G.62:

"

Scenario G.66: CID on S(PARAMETERS)-block

Step	PICC-test-apparatus		PICC
1	S(PARAMETERS, CID = cid_{cmd})	$\longrightarrow$	
		$\longleftarrow$	Response 1: S(PARAMETERS, CID = cid_{cmd}) Response 2: Mute [a]
[a] Response 1 or response 2 according to Table G.55 or Table G.56.			

"

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Add the following new clauses at the end of G.5.5.3:

"

G.5.6 PICC reaction on S(PARAMETERS) blocks

G.5.6.1 Scope

This test is to determine the behavior of the PICC according to ISO/IEC 14443-4:2008/Amd.1, 7.5.1. This test uses implementations of the protocol Scenarios of ISO/IEC 14443-4:2008/Amd.1 Annex B.2.6.

G.5.6.2 Procedure

Perform the following steps for each of Scenario G.67 through G.70 listed in this subclause:

a)   Activate the PICC as described in G.5.1.1, use CID = 0 and FSDI = 0.

b)   For each step in the Scenario do:

1) Send the command as described in the PICC-test-apparatus column.

2) Check that the PICC response matches the one of the PICC column.

c) End for.

Scenario G.67: Exchange of additional parameters

Step	PICC-test-apparatus		PICC
1	$I(0)_0$(TEST_COMMAND1(1))	$\longrightarrow$	
		$\longleftarrow$	$I(0)_0$(TEST_RESPONSE1(1))
2	S(PARAMETERS)	$\longrightarrow$	
		$\longleftarrow$	S(PARAMETERS)
3	$I(0)_1$(TEST_COMMAND1(1))	$\longrightarrow$	
		$\longleftarrow$	$I(0)_1$(TEST_RESPONSE1(1))

Scenario G.68: Exchange of additional parameters

Step	PICC-test-apparatus		PICC
1	S(PARAMETERS)	$\longrightarrow$	
		$\longleftarrow$	S(PARAMETERS)
2	$I(0)_0$(TEST_COMMAND1(1))	$\longrightarrow$	
		$\longleftarrow$	$I(0)_0$(TEST_RESPONSE1(1))

Scenario G.69: Exchange of additional parameters

Step	PICC-test-apparatus		PICC
1	S(PARAMETERS)	$\longrightarrow$	
		$\longleftarrow$	S(PARAMETERS)
2	S(PARAMETERS)	$\longrightarrow$	
		$\longleftarrow$	S(PARAMETERS)
3	$I(0)_0$(TEST_COMMAND1(1))	$\longrightarrow$	
		$\longleftarrow$	$I(0)_0$(TEST_RESPONSE1(1))

Scenario G.70: Exchange of additional parameters

Step	PICC-test-apparatus		PICC
1	S(PARAMETERS, ~CRC)	$\longrightarrow$	
		$\longleftarrow$	Mute
2	S(PARAMETERS)	$\longrightarrow$	
		$\longleftarrow$	S(PARAMETERS)
3	$I(0)_0$(TEST_COMMAND1(1))	$\longrightarrow$	
		$\longleftarrow$	$I(0)_0$(TEST_RESPONSE1(1))

G.5.6.3 Test report

Fill the appropriate rows in Table G.63 according to Table G.59.

Table 59 — Result criteria for exchange of additional parameters

Explanation	Test result
Only when the PICC responded as indicated in the procedure	PASS
Any other case	FAIL

"

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Change Table G.63 to insert new Scenarios 66 to 70:

"

Test method from ISO/IEC 10373-6		Scenario numbers	Test result
Clause	**Parameter**	**ISO/IEC 10373-6**	**PASS or FAIL or N/A**
G.5.4	PICC reaction on CID	Scenario G.58	
		Scenario G.59	
		Scenario G.60	
		Scenario G.61	
		Scenario G.62	
		Scenario G.66	
G.5.6	PICC reaction on S(PARAMETERS) blocks	Scenario G.67	
		Scenario G.68	
		Scenario G.69	
		Scenario G.70	

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