INTERNATIONAL STANDARD ISO/IEC 7816-4:2013
TECHNICAL CORRIGENDUM 1

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Identification cards — Integrated circuit cards —

Part 4:
Organization, security and commands for interchange

TECHNICAL CORRIGENDUM 1

Cartes d'identification — Cartes à circuit intégré —

Partie 4: Organisation, sécurité et commandes pour les échanges

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 7816-4:2013 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

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1   Clause 5.2, §3, last line

Replace   the use of extended L fields
by   the use of extended length fields

2   Clause 5.6, Tables 4.1, 4.2, row ENABLE VERIFICATION REQUIREMENT, last column

Replace   0
by   11.5.8

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3   Clause 5.6, Tables 4.1, 4.2, row WRITE BINARY, last column

Replace   0
by   11.2.4

4   Clause 5.6, Tables 4.1, 4.2

Replace   ACTIVATE RECORD
by   ACTIVATE RECORD (s)

5   Clause 5.6, Tables 4.1, 4.2

Replace   DEACTIVATE RECORD
by   DEACTIVATE RECORD (s)

6   Clause 6.1, NOTE, two occurrences

Replace   simple-tlv
by   SIMPLE-TLV

7   Clause 7.4.3, Table 10, row DO'8D', third column

Replace   (see 0)
by   (see 10.3.3)

8   Clause 7.4.5, Table 11, footnote of table

Replace   supports at least concurrent access
by   supports concurrent access

9   Clause 7.4.7, Table 13, footnote of table

Replace   supports at least concurrent access
by   supports concurrent access

10 Clause 8.4.5, §3, third sentence

Replace   A complete extended header shall be derived by the following procedure:
by   A complete extended header shall be derived from the target DO by the following procedure:

11 Clause 9.1, §2

Replace:
execution on this logical channel a single C-RP or a sequence of C-RPs possibly performing authentication procedures

by:
execution of one or several C-RP(s) on this logical channel possibly performing authentication procedures

12 Clause 9.3.2, § below Table 29, first dash

Replace	(see 0
by	(see 10.3.3

13 Clause 9.3.2, Table 30, last column, fifth line

Replace	(see 0)
by	(see 10.3.3)

14 Clause 9.3.2, § below Table 30, third dash, second line

Replace	(see 0)
by	(see 10.3.1)

15 Clause 9.3.3.1, § below Table 32, third line

Replace	(see 0)
by	(see 10.3.1)

16 Clause 9.3.3.3, §3, first line

Replace	(according to 0)
by	(according to 10.3.1)

17 Clause 9.3.4, §2

Replace	Table 38
by	Table 39

18 Clause 9.3.6.2, Table 44, eighth row, last column

Delete the following text: /EXTERNAL AUTHENTICATE for Role[a]

19 Clause 9.3.6.2, Table 44

Delete the table footnote.

20 Clause 9.3.6.4, example 1

Replace	PSO COMPUTE DIGITAL SIGNATURE COMMAND
by	PSO COMPUTE DIGITAL SIGNATURE command

21 Clause 9.3.6.12, §2, first dash

Insert a comma such that the text reads:
contains an OID in a DO'06', that DO'06' shall be …

22 Clause 9.3.7, §1, second line

Replace	see 0)
by	see 10.3.3)

23 Clause 10.3.2, §3, first line

Replace	see 0)
by	see 10.3.3)

24 Clause 10.3.3, Table 59, fifth row, second column

Replace	(see 0)
by	(see 10.3.1)

25 Clause 10.3.3, § below Table 59

Replace the whole § by:
An SE template is applicable to a structure (see clause 7) only if the value of DO'8A' of that SE template matches the LCS of the structure (e.g. see DO'8A' in Table 10). If no DO'8A' is present in an SE template, then that SE template is valid only for the activated operational state.

26 Clause 11.3.3, Table 70, explanation of P1

Replace	Record number or record identifier ('00' references the current record)
by	Record number or record identifier or '00' referencing the current record

27 Clause 11.3.4, Table 72, explanation of P1

Replace	Record number ('00' references the current record)
by	Record number or '00' referencing the current record

28 Clause 11.3.5, Table 74, explanation of P1

Replace	Record number ('00' references the current record)
by	Record number or '00' referencing the current record

29 Clause 11.3.7, Table 77, explanation of P1

Replace	Record number or record identifier ('00' references the current record)
by	Record number or record identifier or '00' referencing the current record

30 Clause 11.3.8, Table 80, explanation of P1

Replace	Record number ('00' references the current record)
by	Record number

31 Clause 11.3.9, Table 82, explanation of P1

Replace	Record number ('00' references the current record)
by	Record number

32 Clause 11.3.10, Table 84, explanation of P1

Replace	Record number ('00' references the current record)
by	Record number

33 Clause 11.4.6, §1

Replace	PUT DATA may have
by	Table 91 shows the PUT DATA C-RP. The PUT DATA command may have

34 Clause 11.5.4, §2

Insert at the beginning of §2 the following sentences:
This command has several flavours. Table 97 shows the EXTERNAL AUTHENTICATE C-RP whereas Table 98 shows the C-RP of the MUTUAL AUTHENTICATE function.

35 Clause 11.5.11, Table 108, second row, second column

Replace	(see 0)
by	(see 10.3.3)

36 Clause 12.6 and subclauses

Replace (three occurrences)	7F64
by	7F74

37 Annex B.3, §1

Replace	(see 0
by	(see 10.3.1

38 Annex C.2.1

Add the following note after §4:

NOTE   As defined in 10.3.2 within a control reference template a DO'80' is used to transfer a cryptographic mechanism reference. In C.2.2 step 1 and in C.2.3 step 3 purposefully the cryptographic mechanism reference is chosen to be identical to the value of the object identifier describing the authentication protocol by implicit tagging.

39 Annex C.2.3, Terminal Authentication protocol, step 3

Remove the last line of command data field showing DO'67' completely.