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.

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
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 Rolea

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.