INTERNATIONAL STANDARD ISO/IEC 14443-2:2020
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Cards and security devices for personal identification — Contactless proximity objects — Part 2: Radio frequency power and signal interface

TECHNICAL CORRIGENDUM 1:

Cartes et dispositifs de sécurité pour l'identification personnelle — Objets sans contact de proximité — Partie 2: Interface radiofréquence et des signaux de communication

RECTIFICATIF TECHNIQUE 1

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Page 19, 8.1.3.3

At the beginning of 8.1.3.3 insert the first paragraph of 9.1.3.2 and Figure 29 and the third and the fourth paragraphs of 9.1.3.2:

“

For bit rates 3*fc*/4 and 3*fc*/2 binary information shall be transmitted from PCD to PICC in units of 8 logic levels, building an information symbol of 3 bits. The 8 logic levels are represented by 8 NPs. The formation of 3-bit symbols from bytes is illustrated in Figure Cor.1.

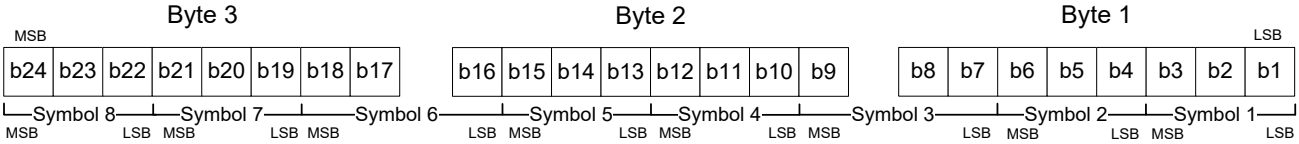

Figure Cor.1 — Binary information from PCD to PICC transmission for bit rates 3fc/4 and 3fc/2

If the last transmitted symbol is incomplete, it shall be stuffed with one or two (0)b.

For end of communication, the PCD shall generate a sequence of 8 NPs of -180°. After the end of communication, the PCD shall generate an unmodulated RF carrier with a NP of 0°.

“

Page 19, 8.1.3.4

At the beginning of 8.1.3.4 insert the second paragraph of 9.1.3.2 and Figure 30 and the fourth paragraph of 9.1.3.2:

“

For bit rates *fc* and 2*fc* binary information shall be transmitted from PCD to PICC in units of 16 logic levels, building an information symbol of 4 bits. The 16 logic levels are represented by 16 NPs. The formation of 4 bit symbols from Bytes is illustrated in Figure Cor.2.

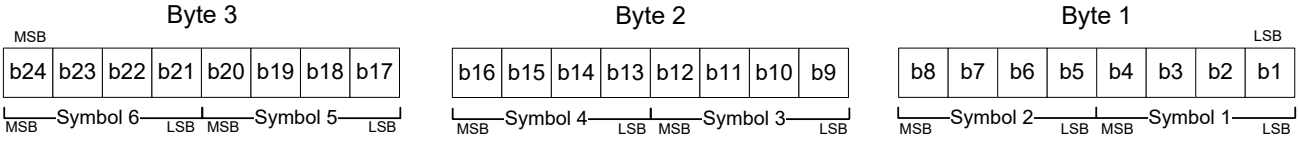

Figure Cor.2 — Binary information from PCD to PICC transmission for bit rates *fc* and 2*fc*

For end of communication, the PCD shall generate a sequence of 8 NPs of -180°. After the end of communication, the PCD shall generate an unmodulated RF carrier with a NP of 0°.

“

Page 41, 9.1.3

Delete the entire subclause 9.1.3.2.

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