INTERNATIONAL STANDARD ISO/IEC 18092:2013
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Telecommunications and information exchange between systems — Near Field Communication — Interface and Protocol (NFCIP-1)

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Communication de champ proche — Interface et protocole (NFCIP-1

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 18092:2013 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

Page 2, Clause 4
Add the following definition and renumber subsequent definitions:

4.2
ALL_REQ
WUPA per ISO/IEC 14443-3
[ISO/IEC 14443-3]

Page 17, Clause 11.3.2
Replace the 3rd bullet by:
"

— The Initiator shall switch off the RF field and respect t_{RF_OFF} after any command is sent in Active communication mode."

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and replace the 5th bullet by:
"

— The Target sends the ATR_RES as a response to the ATR_REQ in the same transfer speed as it has received the ATR_REQ and switch off the RF field respecting t_{RF_OFF} after any command is sent in Active communication mode."

and add below Figure 12:

"$t_{RF,OFF}$: the time between the start of the rising edge of the last modulation and the start of the falling edge when the device turns off the RF field should be in the range of:
- $350/fc < t_{RF\_OFF} \leq 2559/fc$ for a bit rate of $fc/128$,
- $215/fc < t_{RF\_OFF} \leq 2559/fc$ for a bit rate of $fc/64$ or $fc/32$.

NOTE: This recommendation may turn into a requirement in the next edition of this standard."

Page 18, Clause 11.3.2.1 last paragraph
Replace by:
"
After the first valid Target response is detected by the Initiator, the Initiator shall use n = 0 for further communication.
After the Target has received a request other than ATR_REQ, the Target shall use n = 0 for further communication."

Page 26, Clause 12.5.1.2.1
Replace the headline "Byte 12" with "Byte 14" and replace the 2nd sentence of the subsequent paragraph with:
"The timeout calculation shall start with the start of the rising edge of the last modulation send by the Initiator and stop with the start of the modulation edge of the first modulation send by the Target."

Page 40, Clause 12.7.1.3.2
Delete the first and second bullets.
Replace the 3rd bullet by:
"shall remain in receive mode (either active or passive) at the bit rate used for DSL_REQ/DSL_RES exchange until a valid ALL_REQ at fc/128 or Polling request at fc/64 and fc/32 (the Target shall not change NFCID2 when entering or leaving halted state) is received in passive communication mode or a valid WUP_REQ is received in active communication mode."