

Telecommunications and Information Exchange Between Systems

ISO/IEC JTC 1/SC 6

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Report of the
Study Group for Harmonization
between ISO/IEC 18092/21481
and ISO/IEC 14443

Barcelona, 18.1.2010

Meetings

- Fukuoka, March 18-19, 2009
 - 10 participants
 - Minutes in 6n13918
- Singapore, Sept 17-18, 2009
 - 18 participants
 - Minutes in 6n 14085
- Berlin, Dec 15-16 2009
 - 16 participants
 - Minutes in 6n14160

SG Recommendations Fukuoka

- The SG recommends to SC 06 to distribute the minutes within SC 06 and send it to SC17 with a request for comments from NBs in time (comments to be received latest on 21 May) for the SC06 meeting in June

SG Recommendations Singapore (1)

- The SG recommends submission of further contributions to standardize requirements for interoperability of applications that are to be executed between 14443 (PICC and PCD) and 21481 compliant devices.
- The SG recommends that the antenna classes specifications in 14443 take into account the requirements of 18092 and 21481 (NFCIP-2).
- For emulation of PCD mode, the SG recommends that 21481 devices in PCD mode should support at least one of the classes 1, 2, or 3 as specified in 14443-1 amendment 1.

SG Recommendations Singapore (2)

- For emulation of the PICC and VICC modes, the SG recommends to add the “PICC mode” and “VICC mode” as mandatory modes in 21481.
- The SG recommends that contributions should be made that analyze the issues regarding “VICC mode”.
- The SG recommends updating the references to 10373-6 in ISO/IEC 22536 and 23917 (NFC test standards for RF and protocol).
- The SG recommends to SC 06/WG1 to revise 21481 based on the proposal from the SG that adds the PICC mode (see 14443) support to the initial draft 21481(revision).
- The SG recommends that SC 06 starts the revision process on 21481, 18092 and 22536 and 23917.

SG Recommendations Berlin

- The SG recommends implementing the Ecma contribution in 6N4133 that proposes to amend clause 4.3, 6 and 7 of 2nd edition ISO/IEC 21481 as drafted in 6n14086 by making references to “fc” instead of redefining “frequencies”.
- The SG recommends that WG1 considers clause 2.1 of 6N14149, 06N14151, 6N13965, 6N13966 and 6N13967 for the next edition for ISO/IEC 18092;
- The SG thinks that the revision of the standards should be done as soon as possible. The SG recommends that SC 06/WG1 revises the standards taking into account the SGs recommendations and that WG1 disbands the SG, since it considers its assigned duties completed, as planned.