



ISO/IEC JTC 1/SC 17/WG 8 N 2359

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Integrated circuit cards without contacts

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TF3 N207 Conveners report to WG8 from WG8 TF3

Date of document	2014-09-30
Expected action	Info
Source	Chris Stanford (TF 3 Convenor)

Conveners report to WG8 from WG8/TF3 Vicinity card

Meeting WG8/TF3 at Salamanca, Spain, on 22,23 September 2014.

Those present:

C Stanford (Convener)
R. Meindl (AT)
M Stark (AT)
D. Orsatti (FR)
K. Aslanidis (DE)
R Boudreau (USA)
W Bonneau (USA) part time
J Perez (CH)
Y. Kaneko (JP)
J Thorensen (Norg) part time
K Neilson (DK) part time

Apologies from

K. Finkenzeller (DE)

1 SC31 Liaison report

In the absence of Klaus F his written report was viewed by the group and the addition of a “new” crypto function (Algebraic eraser) was noted. W Bonneau offer to forward to the group more details on this topic.

2 Contribution from Japan (Doc 205)

The group discussed the contribution from Japan suggesting the barker code (term derived from the UHF world) method of extending the waiting time between the arrival of a VCD command and a response from the VICC might be extended to cover the retrieving large data messages from the VICC. The group determined that this may well have some benefits but we parked the topic for future consideration. The last slide of Doc 205 covered a different issue and is very relevant see later discussion on AMD4

3 Contribution NXP / ST (Doc 204)

The group discussed this contribution which covered the potential addition of an extension to the Extended memory commands that allows for the retrieval from the VICC of additional information (for example the commands supported by the VICC). The convener welcomed this initiative as a potential reduction in transaction times when compared to the indeterminate “try and see approach” to which command is supported. The topic of amending the current version of amendment 3 was also raised but suspended due to the status of voting on amendment 3. It was noted that amendments to a proposed amendment may send the wrong message to the market place. Again this topic was parked for future consideration.

The proposed command is not a mandatory command but part of an optional command. An alternative use of the mandatory Inventory command for use in new market areas needs further consideration.

4 Amendment 4 (Doc 203)

This was the main thrust of the meeting.

The barker code (waiting time extension) principle was reviewed and simplified with a flow chart. It was agreed to include this form of chart in the Amendment. The, in process response, would support both synchronous and asynchronous barkers but the final response would be re-defined to indicate that the payload contained data from the VICC or not. It was expected that the presence of a VICC buffer may be inferred by the VCD from the CSI.

The State diagram was reviewed and it was decided that a conference call (including Franz) would be set up within the next few days to discuss the original intention of clearly separating the Selected and Selected Secured states and confirming the commands permitted in the transition from ready / quiet to selected and selected secure states taking into account the original intention and Doc 205.

Part of this call would be to establish if a potential transition from selected to Secure selected state is required / desirable.

It was also agreed that we would clearly label the selected states as optional and remove note 3 from the amendment.

We went through the entire amendment 4 proposal and many comments were noted by Jose for incorporation. It was clear that we need another TF3 meeting within a couple of months to study the revised text and dates of 30-31 October in Winterhur (or London) were reserved by the group.

Good progress was made and once the final state diagram is agreed we will be close to a definitive text for taking the WD to the next stage.

Proposed programme of work:

Conference call on state diagram (early October)

Next TF3 meeting 30-31st October.

The convener thanked all the participants for their valuable work and contributions.

CJ Stanford for TF3 (23rd Oct 2014)