

Agenda Item: 5.3.2

Source: NEC

Title: Backward compatibility issues with T3#33 CRs T3-040825 (CR to 31.102) and T3-040826 (CR to 31.111)

Document for: Discussion

NEC is concerned about backward compatibility issue due to the CRs T3-040825 (“Enable Multiple terminal Profile downloads in UST”, Rel 6 CR to 31.102) and T3-040826 (“Clarification of terminal Profile procedure”, Rel 6 CR to 31.111) approved during last T3 meeting.

NEC would like to open the discussion about those CRs.

To start the discussion, here is a summary of our understanding of the problem:

* until now, it was not forbidden for a terminal to send Terminal profile outside initialisation sequence

* in 2G, the SAT command Refresh (SIM Initialisation) initiates a SIM Initialisation that includes the sending of Terminal Profile.

* in 3G, the USAT command Refresh (USIM Initialisation) initiates a USIM Initialisation that does not require the sending of Terminal Profile. But some USIM card implementations on the field that include applets working in both 2G and 3G require the sending of Terminal Profile during the Refresh. To comply with those cards behaviour and as it was not forbidden by standard some dual mode mobiles send Terminal Profile during the Refresh (USIM Initialisation) or Refresh (3G session reset) .

The problem is that the 2 CRs approved for Rel-6 are forbidding the sending of Terminal Profile outside of UICC initialisation unless a new specific bit is set in file EF-UST.

Then, no Rel-6 mobile will be able to comply with both 3GPP standard and the existing USIM cards on the field mentioned above.

It is then proposed to postpone the approval of the CRs T3-040825 and T3-040826, and to go on technical discussions during the next T3 meeting.