The Release 4 Issue

TSG-T TS 11.11 ad hoc

3GPP TSG-T #11

Palm Springs, 14 - 16 March 2001

The Current Situation

- ✍ Release 99: separate core specifications for GSM and 3G
  - ✍ SIM - ME interface
    - TS 11.11 covering all aspects of the interface
    - TS 31.102 USIM Application Characteristics
  - ✍ (U)SIM Application Toolkit
    - TS 11.14 SIM Application Toolkit
    - TS 31.111 USIM Application Toolkit (created late 1999)

- ✍ Support of USIM by GSM only (on the radio interface) terminals
  - ✍ TSG-T&SA #9: R99 GSM only terminals need not support USIM functionality
  - ✍ TSG-T&SA #10 requested T3 to investigate the technical feasibility of Rel-4 terminals being mandated to support the USIM

- ✍ T3 did not find any *technical* barriers

Request and Problem

- ✎ Request for Rel-4 versions of TS 11.11 and 11.14

  - ✎ Some GSM operators would like to introduce some Rel-4 features in R99 terminals and SIMs, thus creating R99+ terminals and SIMs (similar to some Phase 2 features incorporated into Ph. 1 MEs and SIMs)

  - ✎ There may be GSM specific features (e.g. GPRS settings)

    - would they only be accessible as part of the USIM application ?

- ✎ Creation of Rel-4 versions would result in parallel versions of the specifications and SW implementations

  - ✎ keeping the specifications aligned for Release 4 (same committee (T3) looking after both applications)

  - ✎ maintaining a separate SW interface for the mobile (and the SIM)

The Proposal

- ? The proposal: Part 1
  No Release 4 version of TS 11.14 (SIM Application Toolkit)
  - ? Incorporate a Delta Specification into R99 of TS 31.111
  - ? Withdraw R99 of TS 11.14

- ? TS 11.11 is more difficult:
  there is no equivalent single 3G specification

- ? The proposal: Part 2
  - ? Create a Release 4 version of TS 11.11
    - thus allowing R99 GSM only MEs with *selected* advanced features of Rel-4
  - ? No "automatic" issue of a Release 5 version of TS 11.11
  - ? Create a "GSM application requirement" specification TS 11.11r(educed)
    - remove from TS 11.11 all parts covered by the platform specification (TS102 221)
    - resulting specification would be the GSM equivalent of TS 31.102 (USIM applic.)
      also preserving differences of the physical interface
  - ? TS 11.11r replaces TS 11.11 Rel-4 (if technically feasible)