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Technical Specification Group Core Networks

Meeting #3, Yokohama, 21-23 April 1999

Source: **SMG1**

Title: **Applications and Automatic Execution Workshop**

Document for: **Decision**

Attention: **Agenda item**

CN is invited to endorse these CRs to be passed to SMG#29 for approval.

Liaison Statement

From: **SMG1**

To: **3GPP-SA, SMG AAE (Applications and Automatic Execution Workshop), SMG, SMG2, SMG3, SMG4, SMG6, SMG7, SMG8, SMG9, SMG10, SMG11, SMG12, SERG**

Subject: **Applications and Automatic Execution Workshop**

SMG1 has received both the report and the liaison statement from the Applications and Automatic Execution Workshop submitted to SMG#28.

SMG#28 has agreed a Work Item Description Sheet for *MS and Network-Resident Execution Environments (MS/N-RExE)*, for which David Cooper of NEC is the rapporteur. This WI will consider the Applications and Automatic Execution Workshop output as part of its work, and SMG1 will produce a feasiblity study.

SMG1 has discussed both documents at length, and reached no consensus on the results of the Workshops output. The following immediate concerns include:-

1. Laptop and PDA applications
    Considerable concern was expressed at the need to define requirements for MS execution environments, when technology today is already successfully supporting laptops running applications with GSM modems; further, PDAs are readily available combining an execution environment and MS. In these scenarios such requirements are considered to be outside the scope of GSM standardisation.
2. Data-only MSs
    Market niches will evolve for specific MS, particularly for the support of data services only, where some of the requirements identified by the Workshop are considered either to be inappropriate or unnecessary (for example the requirement to prioritise emergency calls may be meaningless on a data-only mobile).
3. Functionality on MSs
    Requirements such as recording of call details in some types of MSs are considered onerous.
4. Application identifiers
    It has been suggested that global identifiers for applications should be defined to better support traceablity of application-impacted connections. SMG1 questions whether it is practical to uniquely identify, and authenticate the identity of, applications that are running on external environments.
5. Traceability
    The demand to support traceablity by operators is understood. The additional signalling traceability might incur a delay in the standardisation of MExE/SAT and will increase signalling load, due to the need to adequately meet the specified requirements and implement the signalling.
6. User authorisations and permissions
    The requirements on applications to request and manage various user authorisations and permissions were considered difficult to achieve and enforce when many applications will be created outside the GSM community.

The above only represents the major discussion items, and additionally many other concerns were identified.

SMG1 is of the opinion that the proposed requirements from the workshop should be discussed in detail as part of the feasibility study referenced above, in order to better understand the requirements, and determine to what level they could be supported.