Technical Specification Group Services and System Aspects *TSGS#12(01)0286*
Meeting #12, Stockholm, Sweden, 18-21 June 2001

Source:	**SA5 Chairman**
Title:	**Proposed WID for "User Equipment (UE) Management (Feature) Feasibility Study" (revision of SP-010234)**
Document for:	**Approval**
Agenda Item:	

Work Item Description

Title: **User Equipment (UE) Management Feasibility Study**

UE Management is a capability which will allows the Operator, Service Provider and/or UE Manufacturer to remotely manage User Equipment.

1   3GPP Work Area

	Radio Access
	Core Network
X	Services (SA1, SA5, SA3)
X	Terminal (T2, T3)

2   Linked work items

The WIs listed below bear certain relevance with the proposed UEM. However, the UEM WI being just a feasibility study in Release 5, there will be no factual impact of UEM to these WIs.

- ?? MExE enhancements: 22.057 (SA1) and 23.057 (T2)
- ?? (U)SIM Toolkit enhancements (T3)
- ?? Security issues (SA3)
- ?? Services requirements (SA1)
- ?? User Profile (SA?) (WI to be proposed)

3   Justification

The capabilities of the user equipment in 3G are becoming and will continue to become ever more sophisticated and integrated (high definition colour screens, faster processors, built in cameras, integrated media players etc.). The sophisticated capabilities of 3G User Equipment will require a flexible means to support management of the UE satisfying the end-customers, service providers, network operators and UE manufacturers' need. To progress this new management capability in an efficient manner, a feasibility study is proposed.

4   Objective

In order to facilitate a timely introduction of new User Equipment Management feature to the post-Rel5 UMTS, SA5 (the primary lead) and T2 (the secondary lead) will lead a feasibility study of UE management. Listed below are examples of possible UEM capabilities that may be included in the feasibility study.

- ?? Terminal Status Query
- ?? Terminal Diagnostics
- ?? Terminal Configuration
- ?? Terminal Patch Download

?? <mark>Terminal Image Download</mark>

<mark>As a part of this feasibility study, certain UEM capabilities utilising already existing available Rel5 capabilities may actually be included in Rel5 delivery provided fitting the Release 5 time frame.</mark>

<mark>Under this WI, a Rel5 Technical Report will be generated by SA5 with T2's assistance in which a comprehensive work plan for UEM as a post-Rel5 feature will be presented. To conduct this task, the lead groups (SA5 and T2) will consolidate inputs on relevant subject matters from the respective expert groups such as SA1, SA3, SA5, T2, and T3 in any effective manners (e.g., through joint meetings, etc.).</mark>

5   Service Aspects

Will be studied and clarified in the TR.

6   MMI-Aspects

Will be studied and clarified in the TR.

7   Charging Aspects

Will be studied and clarified in the TR.

8   Security Aspects

Will be studied and clarified in the TR.

9   Impacts

Affects:	USIM	ME	AN	CN	Others
Yes	<mark>(X)</mark>	<mark>(X)</mark>		<mark>(X)</mark>	
No			X		
Don't know					

10   Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime resp. WG	2ndary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
32.xyz (TR)	TBD	SA5	T2	TSG#14 (12/01)	TSG#15 (03/02)	Release 5

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
32.101			TSG#15 (03/02)	If applicable
32.102			TSG#15 (03/02)	If applicable

11   Work item rapporteurs

John MUDGE (Vodafone Group) [john.mudge@vf.vodafone.co.uk]

12   Work item leadership

SA5 (primary), T2 (secondary)

13   Supporting Companies

Vodafone Group, Motorola, VoiceStream, Telia, France Telecom, BT, Mannesmann MobilFunk, Sonera, Bouygues Telecom, Hutchison 3G, Samsung Electronics, <mark>Materna GmbH.</mark>.

14   Classification of the WI (if known)

X	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a **Feature**: List of **Building Blocks** under this **Feature**

   ??   **OAM-AR** Principles, high level Requirements and Architecture – (SA5) (WT: UE Management Feasibility Analysis)