3GPP T3 Meeting #24   **T3-020667**
Seattle, USA, 19-22 August 2002

Title:	LS on Rel-6 WID for User Equipment Management
Response to:	LS (S5-022110, T3-020523) on Rel-6 WID for User Equipment Management from SA5
Source:	T3
To:	SA5
Cc:	T2, SA3

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Attachments: Document T3-020668: Draft T3 WID on User Equipment Management: USIM Aspects

1. Overall Description:

T3 thank SA5 for the opportunity to review and comment on the draft WID for the UEM Building Block. We see no significant problems with the WID, although we note that "(U)SIM Toolkit enhancements (T3)", and "31013 Release 6 UE Functionality Split/IMS (SA1)", which are listed under Linked Work Items (Section 2) are no longer open 3GPP work items.

T3 have drafted a WID (attached herein) to accomplish the Work Task on UICC resident 3GPP applications aspects as described in the UEM Building Block work item. Provided that the UEM Building Block is approved at SA5#30, it is intended to present the T3 Work Task on UEM USIM aspects to T#18 for approval.

T3 look forward to working with SA5, T2, and SA3 in progressing the work on UEM for Release 6.

2. Actions:

To SA5 group.

ACTION: Please review and comment on the T3 Draft Work Item on UEM UICC resident 3GPP applications Aspects.

3. Date of Next T3 Meetings:

T3 Meeting #25	5-8 November 2002	Maastricht, Netherlands
T3 Meeting #26	11-14 February 2003	TBD

Source:	T3
Title:	**Draft Work Item Description:** **Release 6 User Equipment Management: USIM Aspects** **WI Type: Work Task**
Document for:	**Agreement**
Agenda Item:	**7.3**

This work item description is based on the draft SA5 UEM Building Block work item description.

Work Item Description

Title: User Equipment Management (UEM): UICC resident 3GPP applications Aspects

User Equipment Management (UEM) is a capability that will allow the Operator, Service Provider and/or User Equipment Manufacturer/User Equipment Supplier to remotely manage User Equipment.

1   3GPP Work Area

	Radio Access
	Core Network
X	Services
X	Terminals

2   Linked work items

·   UEM Building Block (SA5)

·   UEM Security Aspects (SA3)

3   Justification

The UEM feature allows User Equipment (UE) to be remotely managed. The Release 5 UEM feasibility study (TR 32.802) defines the UE as consisting of the Mobile Equipment (ME) and the USIM, and the scope of UEM to include both the ME and USIM domains.   The UEM feasibility study identified a number of USIM functions that should be addressed in the standards. This work task is intended to address those USIM functions and any others that are identified during the course of the work, including those that might be identified in the linked work items.

4   Objective

Three key UEM capabilities are identified in TR 32.802 for potential standardization in the Release 6 timeframe:

1)   UE Configuration Query capability that allows UE configuration information to be remotely requested and retrieved;

Against this capability TR 32.802 identified the following UE/USIM considerations:

"Some sort of client is required on the User Equipment."

"There needs to be a way of receiving the command on the UE."

"It would be useful if the names/parameters and data structures are standardised."

2)   UE Reconfiguration capability that allows configuration changes to be made to the UE remotely;

Against this capability TR 32.802 identified the following UE/USIM considerations:

"There needs to be a way of receiving the command on the UE."

"It would be useful if the names/parameters and data structures are standardised."

3)   Remote UE Diagnostics capability to run diagnostic applications on the UE to aid fault resolution.

Against this capability TR 32.802 identified the following UE/USIM considerations:

"It should be possible to execute diagnostic applications on the UE. If necessary, it should also be possible to download diagnostic applications to the UE and to delete the executables on completion. It would be useful if the names/parameters and data structures are standardised."

It will be investigated whether the name, parameter, and data structure standards contained in the Generic User Profile / Data Description Framework specifications (22.240, 23.240, and 23.241) may be re-used for UEM.

T3 anticipates that security aspects of UEM, as investigated by SA3 in their UEM work item, may produce some requirements on the USIM. T3 will work with SA3, as well as with the lead groups, SA5 and T2, to ensure successful completion of the UEM building block work.

5   Service Aspects

None.

6   MMI-Aspects

None.

7   Charging Aspects

None.

8   Security Aspects

None.

9   Impacts

Affects:	UICC Apps	ME	AN	CN	Others
Yes	X	X			
No			X	X	
Don't know					X

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

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
TS 31.102		Characteristics of the USIM application		
TS 31.103		Characteristics of the ISIM application		
TS 31.116		Remote APDU Structure for USIM Toolkit Applications		

11 Work item rapporteur

xxx

12 Work item leadership

T3

13 Supporting Companies

AT&T Wireless Services, xxx, xxx, xxx

14 Classification of the WI (if known)

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

14c   The WI is a **Work Task**: parent **Building Block**

Release 6 UEM Building Block (SA5)