3GPP TSG-T (Terminals) Meeting #7
Madrid, Spain, 13 - 15 March, 2000

Tdoc TP-000018

Source: **T3**

Title: **Proposed T3 work items**

Agenda item: **5.3**

Document for: **Approval**

New T3 work items at TSG-T #7

This document contains two new work items agreed at T3 #13 for presentation to TSG-T for approval.

T3 Doc	Title	Release	Expected completion
T3-000111	Conformance test documentation and test cases for the SIM API	release2000	February 2001
T3-000122	Feasibility study on UICC-ME fast protocol	release 2000	December 2000

3GPP TSG-T3 (USIM) Meeting #13   *Tdoc T3-000111*
Tokyo, Japan, 21 - 24 February, 2000

Source: TSG-T3

Title: Proposed work item to introduce conformance test documentation
                   and test cases for the SIM API.

Document for: discussion and approval

TSG WG3 - Work Item:
"Test Specification for the (U)SIM API"

Justification and scope

The Toolkit API results in implementations of the Toolkit Framework and Virtual Machine that
are proprietary to the manufacturers. This could lead to differences in interpretation of the API
specification, and consequently, the goal of the API – namely to allow applications written for
one card to operate on another compliant card – could be compromised.

This work item would deliver a test specification and a series of test cases that would form a test
suite. This suite would ensure interoperability in two areas:

• Bytecode Interoperability

• Application Loading interoperability

This work item will result in a new T3 document "Test Specification for the SIM API" This would
consist of two parts, the API tests and the Loader tests.

3GPP work area

TSG Terminals, WG3 (USIM)

Linked work items

USIM Application Toolkit (release 2000)

(U)SIM API (release 2000)

Service aspects

None

MMI-aspects

None.

Charging aspects

None.

Security Aspects

None

Impacts

Affects:	USIM	ME	NW	Others
Yes	X			
No				
Don't know				

Expected Output and Timescales

TSG adoption of WI   March 2000

Start of work   March 2000

First complete draft   October 2000   Version 1.0.0

WG approval   December 2000   Version 2.0.0

TSG approval   February 2001   Version 3.0.0

Work item rapporteur

TBD

Supporting companies

Aspects, Gemplus, G&D, Microelectronica Española, Oberthur, Orange, Orga, Schlumberger

Primary responsible working party

3GPP TSG-T WG3

Secondary responsible working parties

3GPP TSG-T WG1

Others

None.

3GPP TSG-T3 (USIM) Meeting #13　　　　　　　　　　*Tdoc T3-000122*
Tokyo, Japan, 21 – 24 February, 2000

Source:　　　　T3

Title:　　　　Proposed TSG-T WG3 work item "Feasibility study on UICC-ME fast protocol"

Document for:　　Discussion/Decision

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TSG WG3 - Work Item: "Feasibility study on UICC-ME fast protocol "

Justification and scope

The bearer independent protocol introduced recently in SMG9/T3 allows the SIM to use HSCSD or GPRS to communicate with the network. This feature is also available in 3G, as USAT release '99 will be based on SAT release '99. The high throughput which is achieved by these technologies, and by the UTRA itself, requires a faster protocol on the UICC-ME interface in order to avoid a bottleneck. The speed enhancement could also prove beneficial to existing features of 3G functionality (e.g. phone book).

This work item will evaluate different candidates for this protocol. A preliminary and non-exhaustive list is as follows :

- Universal Serial Bus (USB)
- Multi Media Card Protocol (MMC)
- FireWire
- Enhancement of ISO/IEC 7816 T=1

The candidates should be compared according to the following criteria :

- performance
- power consumption
- ease of standardisation
- ease of implementation (in the ME and in the UICC)

An internal 3GPP Technical Report would then be elaborated to serve as a basis for a new protocol specification.

3GPP work area

TSG Terminals, WG3 (USIM).

Linked work items

UICC physical and logical characteristics

Service aspects

Functional requirements would be added to 3G TS 21.111.

MMI-aspects

None.

Charging aspects

None.

Security Aspects

Security Requirements from TSG-SA WG3 shall be taken into account.

Impacts

Affects:	USIM	ME	NW	Others
Yes	X	X		
No			X	
Don't know				

Expected Output and Timescales

TSG adoption of WI	March 2000
Start of work	March 2000
First draft, reviewed by TSG-T	September 2000
Approval of report by TSG-T	December 2000

Work item rapporteur

TBD

Supporting companies

Gemplus, Schlumberger, BT, Ericsson, FT, Oberthur, Orange, G&D, Infineon, Bull.

Primary responsible working party

3GPP TSG-T WG3

Secondary responsible working parties

None.

Others

None.

None.