Agenda Item: 6.3

Source: TSG-T

Title: New R2000 work items agreed at TSG T #7

Document for: Information

_____

Three new work items were agreed during TSG-T #7. The work item descriptions are attached to this document for information. TSG-T has not yet proposed categorisations of the work items into "features", "building blocks" and "work tasks". However, due to the nature of the relatively straight forward nature of the work items and the fact they are all internal to TSG-T, it was felt that this could be discussed by TSG-T after the TSG-SA meeting when updated information on the process for R2000 work items becomes available.

They are as follows:

TGST-WG1:	Report of regional EMC requirements
TGST-WG3:	Conformance test documentation and test cases for the SIM API
TGST-WG3:	Feasibility study on UICC-ME fast protocol

TSG-T WG1 - Work Item:
"Table of International EMC requirements"

Justification and scope

This work item is a collection of national and regional requirements for EMC in tabular form. It will assist all parties with an interest in which EMC standards are pertinent for which particular area and aid in development and approval of third generation terminal products.

3GPP work area

TSG Terminals, WG T1 EMC

Linked work items

TS 34.124

Service aspects

None.

MMI-aspects

None.

Charging aspects

None.

Security Aspects

None.

Impacts

Affects:	USIM	ME	Core Network	UTRAN	Others
Yes		X			
No					
Don't know					

Expected Output and Timescales

Milestone	Date/meeting	Version number
Start of work	December 99	
First complete draft	March 2000	Version 1.0.0
WG approval	June 2000	Version 2.0.0
TSG approval	June 2000	Version 3.0.0

Work item rapporteur

John Fenn   SAMSUNG Electronics Research Institute

Supporting companies

L M Ericsson

Matsushita Communication Industrial Company Ltd

Samsung Electronics Research Institute

Cetecom GmbH

Primary responsible working party

3GPP TSG-T1 WGT1 EMC

Secondary responsible working parties

3GPP TSG-T1

Others

None.

Notes

None

TSG-T 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.

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

Justification and scope

The high throughput which is achieved by high data rates on the radio interface , 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.