

TSGT#11(01)026



T2 Status Report to T#11

Kevin Holley, BT Wireless
T2 Chairman



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Agenda

- **T2 structure and elections**
- **Meetings Held**
- **Key Issues**
- **Change Requests for Approval**
- **Liaison Statements - all**
- **Liaison Statements - for TSG-T**

T2 Structure

- **Chairman: Kevin Holley (BT)**
- **Secretary: Friedhelm Rodermund (MCC)**
- **Vice-chairs: Peter Neumann (Siemens),
Toshihiro Shimizu (Matsushita)**
- **SWG1 MExE**
 - Chair: Mark Cataldo (Motorola)
- **SWG2 Terminal Interfaces**
 - Chair: Kazuya Hashimoto (NEC)
- **SWG3 Messaging**
 - Chair: Ian Harris (Vodafone)

T2 elections

- **Will take place May 14-18 in Pusan, Korea**
- **One candidate announced so far**
 - **Peter Neumann (Siemens) - chairman**
- **Open positions for chairman, 2 vice chairmen and chairs of SWGs**
- **Kevin Holley will not be a candidate for any position in T2**
- **Kevin Holley will attend at least the next 2 T2 meetings**

Meetings Held

- **T2 SWG3 on MMS: 8-12 January 2001**
 - Düsseldorf, Germany
 - Hosted by Mannesmann Mobilfunk
- **T2 Plenary**
 - T2#12: 12-16 February 2001
 - Beverly Hills, California, USA
 - Hosted by North American Friends of 3GPP

Key Issues

- Interest in MExE growing
- Sync ML to Replace IRMC Sync
- Terminal Local Model updated
- MMS Release 4 complete as far as possible
- Ongoing discussions on Enhanced SMS

MExE Release 4

- **MExE Rel-4 completed**
 - **main enhancements**
 - third MExE classmark for a new small-footprint Java platform
 - support of SDR concepts (software download)
 - security enhancements

- **MExE Rel-5 WID for approval at TSG-T#11**
 - **main enhancements**
 - support of VHE User Profile
 - investigate ECMA “Common Language Infrastructure” Support as Classmark 4
 - USAT/OSA/CAMEL interaction to provided advanced services
 - investigate support of terminal management
 - Security enhancements

MExE News

- **MExE Forum is keen to grow community**
- **MExE Forum website: <http://www.mexeforum.org>**
- **Good flow of information into T2**
- **Question over flow of information from T2**
- **MExE Forum has approached the PCG**
- **MExE Release 5 WID for approval, including Common Language Infrastructure (CLI) support**

Synchronisation

- **Introduction of SyncML**
 - Compatibility issues with two Sync standards
 - T2 Proposes to delete IRMC Sync for Release 4
 - Release 4 Sync uses SyncML only
- **Objects for Synchronisation**
 - T2 has received no input
 - T2 proposes to move this work item to Rel. 5

Terminal Interfaces



– AT Commands enhancements

- Specification of AT commands for new services
 - several outstanding issues identified, missing input
- Alternatives to AT commands
 - some discussions but no substantial work yet, work item proposed for deletion

– Synchronisation

- vObjects and Other Constructs for Use in Data Synchronization
 - draft TS distributed for comments at TSG#10 but no comments received, work item not completed yet and proposed to be moved to Rel-5
- Continues evolution of Synchronization protocol
 - Upgrade from Rel99 Sync to “SyncML” to be completed at TSG#12 as part of Rel-4 if acceptable

– Application and User Interaction in the UE

- formerly known as Terminal Local Model
- Presented for approval to TSG-T#11
- Possibly a need for T3 review
 - » Comments via T#12?

Multimedia Messaging

- **Major workload in T2**
 - Last meeting sessions from 7am-11pm
- **MMS Rel-4 completed**
 - main enhancements
 - Support for Streaming in MMS
 - Interworking between MMSEs described in detail
 - Addressing scheme further elaborated
 - Functional description enhanced with detailed service behaviour description
 - Forwarding of a Multimedia Message without prior Retrieval
 - Support for Prepaid Service in MMS
 - Address Hiding in MMS
 - Support for Reply-Charging in MMS
- **Further MMS enhancements planned for Rel-5 (WID is planned for TSG#12)**

Enhancing SMS

- **Need for additional features in SMS**
- **Presentation to TSG-T#10 in Bangkok**
- **Further discussions, but no conclusion**
- **An ad-hoc meeting will be arranged**

Review of T3 CRs from T#10

- **T2 reviewed the T3 CRs as agreed at T#10 and found no problems**

Future Meetings

- **SWG1 MExE, Whistler, Canada**
 - Hosted by Microsoft
 - 27-29 Mar 2001
- **T2#13 Pusan, Korea**
 - Hosted by Samsung
 - 14-18 May 2001
- **SWG1 MExE, 24-26 July**
 - Greece?

Future Meetings /cont.

- **T2#14 Edinburgh Scotland**
 - Hosted by BT (+other UK companies?)
 - 3-7 Sep 2001
- **SWG1 MExE, 9-11 Oct 2001, host invited**
- **T2#15 12-16 Nov 2001, host invited**
- **T2#16 11-15 Feb 2002, host invited**
- **T2#17 13-17 May 2002, host invited**
- **T2#18 19-23 Aug 2002, host invited**
- **T2#19 18-22 Nov 2002, host invited**

Liaison Statements from T2#12

TDOC	Subject
T2-010110	LS reply to S2 cc T1, R2, R3, S4 on Definition of bearer service end-point to budget transfer delay within UE
T2-010113	LS to SA2 cc SA1 on IM subsystem tones and announcements
T2-010276	LS to T3 on short message for SIM data download
T2-010280	LS to S4 cc T on ITU-T V.80 support for 3G terminals
T2-010283	LS reply to IrDA concerning an extension to IrOBEX
T2-010284	LS reply to the WAP Forum cc T3 Concerning Standardised Methods of Identifying 'Bookmarks'
T2-010295	LS to SA1,SA2, CN5 cc SA3 on WTCP Protocol (revised T2-010294)
T2-010297	LS to S3 on MExE Security Analysis Activity (revised T2-010223)

End of Main Report



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MExE Change Requests (TP-010027)



Spec	CR	Rev	Rel	Subject	Cat	Vers-Curr	Vers-New	T2 Tdoc	Workitem
23.057	041		R99	CCM update with new administrator signed package	F	3.3.0	3.4.0	T2-010230	MEXE-ENHANC
23.057	042		rel-4	TS11.11 reference updates	D	4.0.0	4.1.0	T2-010044	MEXE-ENHANC
23.057	043		rel-4	Abbreviations	D	4.0.0	4.1.0	T2-010050	MEXE-ENHANC
23.057	044		rel-4	CCPP web site in reference	D	4.0.0	4.1.0	T2-010051	MEXE-ENHANC
23.057	045		rel-4	Capability and Content editorials	D	4.0.0	4.1.0	T2-010053	MEXE-ENHANC
23.057	046		rel-4	High level architecture editorial	D	4.0.0	4.1.0	T2-010056	MEXE-ENHANC
23.057	047		rel-4	Java application signature verification editorials	D	4.0.0	4.1.0	T2-010057	MEXE-ENHANC
23.057	048		rel-4	QoS editorials	D	4.0.0	4.1.0	T2-010059	MEXE-ENHANC
23.057	049		rel-4	RFC references correction	D	4.0.0	4.1.0	T2-010060	MEXE-ENHANC
23.057	050		rel-4	Root public keys correction	D	4.0.0	4.1.0	T2-010061	MEXE-ENHANC
23.057	051		rel-4	Support of user profile editorials	D	4.0.0	4.1.0	T2-010062	MEXE-ENHANC
23.057	052		rel-4	Transfer of capability negotiation editorials	D	4.0.0	4.1.0	T2-010063	MEXE-ENHANC
23.057	053		rel-4	User control of application connection editorials	D	4.0.0	4.1.0	T2-010065	MEXE-ENHANC
23.057	054		rel-4	User profile editorials	D	4.0.0	4.1.0	T2-010066	MEXE-ENHANC
23.057	055		rel-4	X.509 version 3 editorials	D	4.0.0	4.1.0	T2-010067	MEXE-ENHANC
23.057	056		rel-4	WAP reference correction	D	4.0.0	4.1.0	T2-010075	MEXE-ENHANC
23.057	057		rel-4	WAP compliance	C	4.0.0	4.1.0	T2-010076	MEXE-ENHANC
23.057	058		rel-4	Conformance requirements table update	D	4.0.0	4.1.0	T2-010083	MEXE-ENHANC

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More MExE CRs (TP-010027)



Spec	CR	Rev	Rel	Subject	Cat	Vers-Curr	Vers-New	T2 Tdoc	Workitem
23.057	059		rel-4	Correction to the definition of MIDP application	D	4.0.0	4.1.0	T2-010084	MEXE-ENHANC
23.057	060		rel-4	Abbreviations	D	4.0.0	4.1.0	T2-010088	MEXE-ENHANC
23.057	061		rel-4	Trust hierarchy figure correction	D	4.0.0	4.1.0	T2-010172	MEXE-ENHANC
23.057	062		rel-4	Definition of the Untrusted Area	D	4.0.0	4.1.0	T2-010176	MEXE-ENHANC
23.057	063		rel-4	Generic security editorials	D	4.0.0	4.1.0	T2-010203	MEXE-ENHANC
23.057	064		rel-4	CCM update with new administrator signed package	F	4.0.0	4.1.0	T2-010204	MEXE-ENHANC
23.057	065		rel-4	Executable pre-launch signature verification	F	4.0.0	4.1.0	T2-010206	MEXE-SEC
23.057	066	1	rel-4	Clarification of ORPK and ARPK support on MExE MT	F	4.0.0	4.1.0	T2-010231	MEXE-ENHANC
23.057	067		rel-4	Untrusted executable permission to access the network	D	4.0.0	4.1.0	T2-010209	MEXE-ENHANC
23.057	068		rel-4	Capability negotiation updates	C	4.0.0	4.1.0	T2-010210	MEXE-ENHANC
23.057	069		rel-4	Correction to capability negotiation methods	C	4.0.0	4.1.0	T2-010211	MEXE-ENHANC
23.057	070		rel-4	WAP WTA	C	4.0.0	4.1.0	T2-010212	MEXE-ENHANC
23.057	071		rel-4	3GPP Document References update	D	4.0.0	4.1.0	T2-010213	MEXE-ENHANC
23.057	072		rel-4	Annex A corrections	D	4.0.0	4.1.0	T2-010214	MEXE-ENHANC
23.057	073		rel-4	Miscellaneous editorial corrections	D	4.0.0	4.1.0	T2-010215	MEXE-ENHANC
23.057	074		rel-4	Definition of an Operator	D	4.0.0	4.1.0	T2-010216	MEXE-ENHANC
23.057	075		rel-4	Mobile Execution Environment	F	4.0.0	4.1.0	T2-010217	MEXE-ENHANC
23.057	076		rel-4	Capability negotiation editorials	D	4.0.0	4.1.0	T2-010218	MEXE-ENHANC
23.057	077		rel-4	Sharing of Transmissions between untrusted executables	F	4.0.0	4.1.0	T2-010225	MEXE-ENHANC
23.057	078		rel-4	Core software download	D	4.0.0	4.1.0	T2-010226	MEXE-ENHANC

Terminal Interface CRs (TP-010028)



Spec	CR	Rev	Rel	Subject	Cat	Vers-Curr	Vers-New	T2 Tdoc	Workitem
07.07	A086		R97	Corresponding GMM states for +CGREG command	F	6.4.0	6.5.0	T2-010101	TEI
07.07	A087		R97	Definition of "class C in GPRS and circuit switched alternate mode"	F	6.4.0	6.5.0	T2-010107	TEI
07.07	A088		R98	Corresponding GMM states for +CGREG command	A	7.5.0	7.6.0	T2-010114	TEI
07.07	A089		R98	Definition of "class C in GPRS and circuit switched alternate mode"	A	7.5.0	7.6.0	T2-010117	TEI
27.903	001		rel-4	Addition of SvcML	B	3.0.0	4.0.0	T2-010104	TI-SYNC-EVOL
27.103	002		rel-4	Addition of SvcML	B	3.1.0	4.0.0	T2-010300	TI-SYNC-EVOL
27.007	050		R99	Addition of explicit subscribed value to QoS command	F	3.7.0	3.8.0	T2-010108	TEI
27.007	051		R99	Corresponding GMM states for +CGREG command	A	3.7.0	3.8.0	T2-010115	TEI
27.007	052		R99	Definition of "class C in GPRS and circuit switched alternate mode"	A	3.7.0	3.8.0	T2-010118	TEI
27.007	053		rel-4	Clarification of the specification to incorporate UICC/USIM references	A	4.0.0	4.1.0	T2-010095	TI-ATC
27.007	054		rel-4	Update the AT command. +CPBS. that select the phonebooks in the SIM/UICC	F	4.0.0	4.1.0	T2-010097	TI-ATC
27.007	055		rel-4	Correction of GSM references	F	4.0.0	4.1.0	T2-010099	TI-ATC
27.007	056		rel-4	Update the AT commands that access the PLMN preferred list in the SIM/UICC	F	4.0.0	4.1.0	T2-010105	TI-ATC
27.007	057		rel-4	Update of phonebook AT commands. +CBBS. +CPBR. +CPBF and +CPBW. to access the hidden phonebook entries	F	4.0.0	4.1.0	T2-010106	TI-ATC
27.007	058		rel-4	Addition of explicit subscribed value to QoS command	A	4.0.0	4.1.0	T2-010109	TI-ATC
27.007	059		rel-4	Corresponding GMM states for +CGREG command	A	4.0.0	4.1.0	T2-010116	TI-ATC
27.007	060		rel-4	Definition of "class C in GPRS and circuit switched alternate mode"	A	4.0.0	4.1.0	T2-010119	TI-ATC

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Messaging CRs (TP-010029)

Spec	CR	Rev	Rel	Subject	Cat	Vers-Curr	Vers-New	T2 Tdoc	Workitem
23.038	006		rel-4	Message Waiting Indication Status storage on the USIM	C	4.1.0	4.2.0	T2-010277	UICC1-CPHS
23.040	020		rel-4	Predefined animations for EMS	C	4.1.0	4.2.0	T2-010273	TEI4
23.040	021		rel-4	Message Waiting Indication Status storage on the USIM	C	4.1.0	4.2.0	T2-010279	UICC1-CPHS
23.140	003		rel-4	High-level description of MMS - part II	B	4.1.0	4.2.0	T2-010264	MMS

Liaison Statement for T

- Tdoc TP-010014 ITU-T V.80 support



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Other Issues for Approval

- **T2 Terms of Reference**
 - TP-010033
- **Application and User Interaction in the UE**
 - 23.227 in TP-010030
 - For approval for Release 4
- **MExE WID for Release 5 in TP-010031**
- **MExE Security WID for Release 5 in TP-010032**