Draft T2#23 Report V 0.2

3rd Generation Partnership Project (3GPP);
Technical Specification Group Terminals (TSG-T);
Working Group 2 Mobile Terminal Services and Capabilities;
Draft Meeting Report
T2#23
Dallas, Texas, USA, 17-21 November 2003

Contents

Chairman: Ian HARRIS (RIM)
(This meeting was chaired by Vice-chairman Paul VOSKAR (Nokia))

Secretary: Friedhelm RODERMUND (MCC)

1   Opening Plenary

1.1   Opening of the meeting

T2 vice-chairman Paul VOSKAR (Nokia) opened the meeting and welcomed the delegates. Paul chaired the T2#23 meeting instead of Ian HARRIS who was not able to attend the meeting. Ed EHRLICH (Nokia) welcomed the delegates to Dallas on behalf of the North American Friends of 3GPP and gave some information about the meeting arrangements and Dallas.

1.2   Approval of the agenda and schedule

The agenda and schedule was presented in **T2-030541** and agreed. It was announced to have an informal session with T2 SWG3 and interested T3 delegates on MMS on Wednesday afternoon.

1.3   Notification of IPR Obligations

The chairman made the call for IPRs:

> The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective** Organizational Partners **of Essential IPRs they become aware of**.
>
> The members take note that they are hereby invited:
>
>> to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
>
>> to notify the Director-General, or the Chairman of their **respective** Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms http://webapp.etsi.org/Ipr/).

1.4   Vacancy of second T2 vice-chairman position

Paul VOSKAR reminded delegates that T2 has still one vacant vice-chairman position. Interested delegates are invited to contact the T2 chairman and T2 secretary.

1.5   Report of the last T2 meeting

The report of T2#22 Cambridge, UK, 25-29 August 2003 (**T2-030540**) was approved.

The approved report is available on the 3GPP server at:

ftp://www.3gpp.org/TSG_T/WG2_Capability/TSGT2_22/Report

1.6   Reports from other groups

1.6.1   Report from TSG T

A summary of issues of T2 interest from the T#21 meeting held in Frankfurt, Germany, 17 - 19 September 2003 was presented by Friedhelm RODERMUND in **T2-030545**:

The report was noted.

The draft TSG-T#21 meeting report can be found in **T2-030546**.

The documents can be found on the FTP server at:

ftp://ftp.3gpp.org/TSG_T/TSG_T/TSGT_21

The specifications updated after T#21 can be found at:

ftp://www.3gpp.org/Specs/2003_09

1.6.2   Report from TSG SA

A summary of issues of T2 interest from SA#21 meeting held in Frankfurt, Germany, 22 - 25 September 2003 was presented by Friedhelm RODERMUND in **T2-030545**:

The report was noted.

The draft TSG-SA#21 meeting report can be found in **T2-030547**.

The documents can be found on the FTP server at:

ftp://ftp.3gpp.org/TSG_SA/TSG_SA/TSGS_21

1.6.3   Report from TSG T2 SWG2

The SWG2 chairman Prem SOOD (Sharp) reported from the SWG2#06 GUP meeting held 14-16 October in Vienna. The meeting report can be found in **T2-030569**. Topics discussed at this meeting were GUP/DDM topics related to TS 23.241 and TS 24.241.

A number of incoming docs related to 23.241, GUP XML Schema, DDM Data Descriptions specs and 24.241 Common Objects were reviewed. Significant progress was made at the meeting on the TSs, and they were judged by the meeting to be more than 50% completed.

One document was submitted to this T2 meeting for approval in addition to the report – TS 23.241v0.5.0. The rapporteurs were asked to distribute version 0.5.1 of TS 23.241 and the next version of TS 24.241 as soon as possible to serve as a base for further contributions at this T2 meeting.

SWG2 had a discussion that based on the progress, and the state of these specs, TS 23.241 and TS 24.241 should be planned to be ready to submit to T2 and TSG-T for information at the November/December meetings.

1.6.5   Report from TSG T2 SWG3

No SWG3 meeting took place since the last T2 meeting.

1.6.6   T3 meeting on MMS

T3 had held two meeting dedicated to MMS. No further information was available during the opening plenary.

1.6.7   Informal MMS chairs meeting

SWG3 chairman Josef LAUMEN (Siemens) reported from the MMS chairs meeting, 5th September, Frankfurt. **T2-030615** includes the only output document from this meeting which is listing several options for the future standardisation of MMS. Pros and Cons for each option are mentioned. The MMS chairs meeting was not entitled to make any decision and the document does not recommend any specific option.

A question was raised on the background of the Parley model. Josef clarified that the Parley specifications are treated by CN5 jointly with other groups. It is a model where specifications are jointly owned and developed by different organizations.

1.6.8   OMA/3GPP workshop

Friedhelm RODERMUND presented **T2-030616** which summarizes the Key Points from OMA/3GPP workshop, 15th September, Frankfurt.

1.6.9   MMS Workshop

Paul VOSKAR presented **T2-030617** which includes the conclusions of the joint 3GPP/3GPP2/OMA MMS workshop 7th November, London.

Prem SOOD asked whether more details have been defined regarding the conditions e.g. when are IPR issues considered as solved and what are the detailed conditions when the landing pad is considered as operational. Paul explained that these details were not defined in the workshop.

Josef asked whether T2 should give an indication to TSG-T about its preference regarding a way forward. Paul pointed out that TSG-T has decided that this issue should be handled not at WG level but at TSG level. Some meetings ago T2 was advised not to spend much time discussing this issue.

1.7   Registration and allocation of documents

The document list was presented and the documents were assigned to the subgroups. A complete document list as of the end of the meeting can be found in Annex A.

All registered meeting documents, which were made available in the inbox of the meeting server, can be found on the 3GPP server at:

> ftp://www.3gpp.org/TSG_T/WG2_Capability/TSGT2_23_Dallas/Docs

1.8   Incoming Liaison Statements

All LSs were assigned to SWGs in advance to the meeting by the T2 secretary as can be seen in the doclist in Annex A. The following LSs were treated during the opening plenary:

T2-030551 contains an LS from TSG-T on TR 22.952, Priority Service Guide. The LS was noted.

T2-030553 contains an LS from SA3 on Special-RAND mechanism. The LS was noted.

T2-030559 contains a reply LS from CN4 on Special-RAND mechanism from SA3. The LS was noted.

T2-030557 contains an LS from EP SCP on Temperature Range in ETSI TS 102 221. The LS was noted.

T2-030562 contains an LS from SA1 on STF228 User Interoperability Criteria. There was some confusion about this LS which was then forwarded to SWG2 for further treatment.

T2-030608 contains an LS from SA1 on Clarification of the USSD message transfer to SIM/USIM requirement. It was reported that the suggested changes were later incorporated into a change request which was not approved yet by SA1. The LS was noted.

1.9   3GPP Work Plan

The latest version of the 3GPP work plan was available in **T2-030548**. Besides listing all the work items including the expected completion date and a progress indication, a lot of other useful information can be found (link to the WID, name of work item rapporteur etc.). The work plan is the main management tool for the 3GPP work program. All WGs are requested by the TSGs to review and update the work plan at each meeting. The work plan was not presented in detail at this meeting and Friedhelm RODERMUND announced to consult with the SWG chairs and work item rapporteurs for creating the update.

T2-030543 contains the list of TSs and TRs for which T2 is responsible showing the latest versions of these specifications. The document was noted.

1.10 AOB

None.

2   SubWorkingGroup Meetings

Between T2 opening and closing plenary, two sub group sessions (SWG2, SWG3) were held. The reports can be found in Annexes D-E. The results may have been changed and amended during the closing plenary. The final results of the T2#23 meeting are reported in the following clauses.

3   Closing Plenary

3.1   Results SWG2 Terminal Interfaces and Capabilities

The SWG2 report in **T2-030568** was presented by SWG2 chairman Prem SOOD (Sharp). The report can be found in Annex D.

Topics discussed at this meeting included, Generic User Profiles, Subscription Management.

The rapporteur of TS 27.007/07.07, Soeren CHRISTENSEN (Ericsson) has relinquished his role as rapporteur. T2 thanked him and Ericsson for their valuable contributions to this important T2 specification, and solicited volunteers for the rapporteur position.

A question was raised regarding the SWG2 action point 22-3: Members to check if there is interest in a WID for WLAN Interworking for terminal issues. The SWG2 chairman reported that there seemed to be no interest in working on this for the time being and therefore this action item was closed. However, some members expressed an interest on work in this area. Even though the action point is closed new contributions are welcome. Any T2 work should be coordinated with other work on this topic in 3GPP especially SA2 work.

3.2.1   Change requests

No SWG2 CRs were agreed at this meeting.

3.2.2   Outgoing Liaison Statements

T2-030619 contains an LS to SA2, CN4 on the Hierarchical Structure in GUP Specs. T2 concurs with SA2 that it is very important that GUP should have a hierarchical structure and T2 believes it would be very beneficial to investigate if a compromise solution can be achieved. The LS was agreed.

3.2.3   Other documents

T2-030653 contains TS 23.241 v0.5.2 Generic User Profile (GUP) – Stage 2, Data Description Method. The document describes the Data Description Method (DDM) and the Datatype Definition Method (DtDM) of the 3GPP Generic User Profile. It specifies the method for describing the logical structure of the data description, Generic User Profile, Profile Components, methods for describing Datatypes and other constructs for use in 3GPP. The GUP data description method is designed to coexist with other data description technologies. The document includes DDM and DtDM features and definition and Process and procedures for administration of GUP/DDM and TS 24.241.

It was agreed to send TS 23.241 to TSG-T for information.

3.2   Results SWG3 Messaging

The report of SWG3 was presented in **T2-030644** by Josef LAUMEN (Siemens). It can be found in Annex E. It was clarified that the separate SWG3 meeting in January will only take place subject to the WID being approved by TSG-T and sufficient work to be done.

The SWG3 sessions at T2#23 were attended by 26 delegates. All in all 71 tdocs were processed, among these 12 incoming LSs. One document, T2-030560, an LS from CN4 on "identifying MMS Enabled devices and MMS Capabilities of those devices", had to be postponed to the next meeting as T2 is waiting for feedback from SA2 on this matter. MMS Rel-6 enhancements were agreed in the areas of MM1 and MM4 enhancements. Discussions took place on MM7 enhancements, issues of MM storage on the USIM, use of MMS as a bearer for USAT and MMS management by USAT, MMS as transport mechanism for applications and other topics. However, no CRs were agreed yet on these issues.

Josef clarified that there was no conclusion or activity in SWG3 in the area of MMS future standards work organsiation.

T2-030659 contains the report of the T3 splinter group session on CBS, USSD, MMS, 20 November 2003, Dallas, Texas. The report was noted without presentation.

3.2.1   Change requests

T2-030574 contains a CR to TS 23.041 Rel-5 on the CB data format. The CBS standard in UMTS networks may not be as clear as required to assure standard service implementation and interoperability and therefore the CB Data structure is further defined. The CR was agreed with one sustained objection from Nokia.

T2-030575 contains the corresponding CR to Rel-6. The CR was agreed.

T2-030587 contains a CR to TS 23.140 REL-6 correcting the MM1-MM4/MM7 header mapping. This contains an error in the mapping MM1_Forward.Req to MM4_Forward.Req and MM7_Deliver.REQ in Annex I&K. The CR was agreed.

T2-030624 contains a CR to TS 23.140 REL-6 clarifying the Element of Information 'Linked ID'. The CR provides possible use cases about the usage of the LinkedID. The CR was agreed.

T2-030625 contains a CR to TS 23.140 REL-6 on non existing /TYPE=rfc822 and cleaning up last references to RFC822. The CR was agreed.

T2-030629 contains a CR to TS 23.140 Rel-6 on conditional delivery mechanism for MMS. Two new information elements ('MM recommended retrieval mode' and 'text explaining MM recommended retrieval

mode ') are added in the notification transaction. The MMS end-to-end service behaviour for MMS notification and MMS retrieval is modified. The CR was agreed.

T2-030630 contains a CR to TS 23.140 Rel-6 on automatic and manual retrieval modes. This adds a new section that describe the automatic and manual mode of retrieval of an MM by the MMS UA. The CR was agreed.

T2-030631 contains a CR to TS 23.140 REL-6 on MM4 addressing. Introduction of additional text, which describes the MM4 addressing in more detail. The CR was agreed.

T2-030635 contains a CR to TS 23.140 REL-6 on the addition of missing MM7 Delivery report status codes. The enumerated status code table in mmDeliverystatusType is ammended to include "Unrecognised" and "Deferred" values. The CR was agreed.

T2-030636 contains a CR to TS 23.140 REL-6 on MM7 Allow adaptations default value. A default of "true" is defined for the allow adaptations element. The CR was agreed.

T2-030642 contains a CR 23.140 REL-5 correcting references to ENUM and HLR. The CR was agreed.

3.2.2   Outgoing Liaison Statements

T2-030641 contains an LS to T3 on the approval of T2 UMTS Cell Broadcast change requests. T2 informs T3 that T2 has agreed CRs to 23.041 for Release 5 and 6 that adds the definition of the structure of the CB Data field. The LS was agreed.

T2-030623 contains an reply-LS to SA1, OMA-MMSG, JSR-205 on MMS targeting UE elements. T2 is analyzing the full architectural implications of the new requirements and will update when the analysis is completed. The LS was agreed.

T2-030633 contains an LS to SA4 on support of hyperlinks in MMS. T2 have been considering the implications of the new requirement on hyperlink support and how to accommodate it in the MMS Stage 2. In order to assist T2 in this work, T2 asks SA4 to answer several questions. The LS was agreed.

T2-030638 contains an LS to CN5 cc SA1, SA2 on Extended MM7 and Messaging Integration Broker. T2 would like to make CN5 aware of CR 23.140 REL-6: Messaging Integration Broker and 'Extended MM7' submitted regarding VASP and MMS Relay Server interaction, so that CN5 could take this input into consideration when specifying MMS APIs and accomplishing MMS OSA implementation. The LS was agreed.

3.2.3   Other documents

T2-030639 contains a Work Item Description (WID) on handling of private addressing schemes in MMS. A need for handling subscriber-specific, flexible addressing in MMS is identified. Examples for Services which need such subscriber-specific and flexible addressing are Virtual private Networks (VPN) and Address Hunting Services, which make use of private numbering schemes. The WID was agreed. This is the WID for which the T2 SWG3 meeting is planned for.

T2-030645 contains a draft WID on Multiple MMS Relay/Server Architecture. Intention is to analyse the impacts of multiple MMS Relay/Servers in one MMSE on the MMS Reference Architecture, and to investigate potential alternative architectures that support multiple MMS Relay/Servers within one MMSE which ensures backwards compatibility. The WID was agreed.

4   Future meeting schedule

T2-030549 was presented which contains the lists of future T2 meetings. Please find the future meeting dates also below:

Meeting	Date	Location	Host
T#22	10–12 Dec 2003	Hawaii, US	North American Friends of 3GPP
T2 SWG3 tbc	Jan 2003 tbc	tbc	T-Mobile
T2#24	16 – 20 Feb 2004	Malaga, Spain	European Friends of 3GPP
T#23	10 - 12 Mar 2004	Phoenix, US	North American Friends of 3GPP
T2#25	19 - 23 April 2004	Europe	European Friends of 3GPP
T#24	2 - 4 Jun 2004	Korea	
T2#26	23 – 27 Aug 2004	US	North American Friends of 3GPP
T#25	8 - 10 Sep 2004	US	
T2#27	8-12 Nov 2004		
T#26	13 - 16 Dec 2004	Athens, Greece	European Friends of 3GPP

For the complete 3GPP on-line meeting calendar see http://www.3gpp.org. It was available at this meeting in **T2-030544**.

Companies were invited to consider hosting future T2 meetings.

5   Any Other Business

None.

6   Close of the Meeting

T2 vice-chairman Paul VOSKAR thanked all delegates and the subgroup chairmen for their contributions and work at this meeting. He thanked the North American Friends of 3GPP for hosting the meeting and for providing the excellent facilities. He also expressed his thanks to Shannon from the SK Group and Friedhelm.

Annex A List of all temporary documents

TDOC	Subject	Source
T2-030540	Draft Meeting Report T2#22, Cambridge	TB Officer
T2-030541	Draft Agenda T2#23, Dallas	WG Chairman
T2-030542	withdrawn	
T2-030543	T2 specs status list	TB Officer
T2-030544	3GPP meeting calendar	TB Officer
T2-030545	Summary of T#21 and SA#21 issues of T2 interest	TB Officer
T2-030546	Draft Report of TSG-T meeting #21, Frankfurt	TB Officer
T2-030547	Draft Report of TSG SA meeting #21, Frankfurt	TB Officer
T2-030548	3GPP work plan	TB Officer
T2-030549	T2 future meetings (will be produced after the end of the SWG sessions)	TB Officer
T2-030550	LS from TSG-T on the use of MMS as a bearer for USAT	TP-030228
T2-030551	LS from TSG-T on TR 22.952, Priority Service Guide	TP-030229
T2-030552	LS from CN4 on sending the SGSNs MNC and MCC to the GGSN and service node	N4-031013
T2-030553	LS from SA3 on Special-RAND mechanism	S3-030652
T2-030554	LS from SA5 on Routing of MM with multiple addresses	S5-034554
T2-030555	LS reply from SA5 on sending the SGSN's MNC and MCC to the GGSN	S5-034557
T2-030556	LS from GSMA BARG on Routing of MM with multiple addresses	GSMA BARG Doc 006/04
T2-030557	LS from EP SCP on Temperature Range in ETSI TS 102 221	SCP-030294
T2-030558	LS from SA2 on Hierarchical Structure in GUP Specs	S2-033812
T2-030559	LS from CN4 on Special-RAND mechanism from SA3	N4-031289
T2-030560	LS from CN4 on identifying MMS Enabled devices and MMS Capabilities of those devices	N4-031351
T2-030561	LS from CN5 on clarifying the CN5 OSA API activities related to MMS	N5-030614
T2-030562	LS from SA1 on STF228 User Interoperability Criteria	S1-031212
T2-030563	LS from SA1 on updated WID for GUP	SA1-031259
T2-030564	withdrawn	SA1-031260
T2-030565	TS 23.241 V0.5.0, Output from SWG2#5	SWG2
T2-030566	Further changes to TS 23.241 V0.5.0	Rapporteur
T2-030567	SWG2#23 Meeting Agenda	SWG2 Chairman
T2-030568	SWG2#23 Meeting Report	SWG2 Chairman
T2-030569	Meeting Report of SWG2_05_VIENNA	SWG2 Chairman
T2-030570	TS24.241 version 0.5.0	Rapporteur
T2-030571	CBS Structure in UMTS	Celltick technologies
T2-030572	CR 23.041 rel 99: CB data format	Celltick Technologies
T2-030573	CR 23.041 rel 4: CB data format	Celltick Technologies
T2-030574	CR 23.041 rel 5: CB data format	Celltick Technologies
T2-030575	CR 23.041 rel 6: CB data format	Celltick Technologies
T2-030576	Updates to section 6, TS 23.241V0.5.1	T-Mobile International
T2-030577	Updates section 8.7, TS 23.241	T-Mobile International
T2-030578	Clarifying the Element of Information 'Linked ID'	Ericsson
T2-030579	Cleaning up last references to RFC822	Ericsson
T2-030580	Non existing /TYPE=rfc822	Ericsson
T2-030581	Proposed changes to 23.241v0.5.1	Sharp
T2-030582	LS Response to SA2 T2-030558, GUP Hierarchical Structure	SWG2
T2-030583	CR 23140 REL-6 Addition of missing MM7 Delivery report status codes	NOKIA
T2-030584	CR 23140 REL-6 MM7 Allow adaptations default value	NOKIA
T2-030585	CR 23140 REL-6 MMS MM7, Addition of Service Code Element to MM7 Delivery Request.	NOKIA

T2-030586	Clariification of DRM support in MMS	Huawei
T2-030587	Correction in MM1-MM4/MM7 header mapping	Huawei,China Mobile
T2-030588	Updates abbreviations and references 23.241	Rapporteur
T2-030589	Proposed update GUP DDM WID	T-Mobile International
T2-030590	MIB and Extended MM7	Rapporteur
T2-030591	Partial Cancellation	Rapporteur
T2-030592	Submission in Stages	Rapporteur
T2-030593	MMS R/S ID-MM1	Rapporteur
T2-030594	MMS R/S ID-MM7	Rapporteur
T2-030595	CR 23.140 Rel-6 Conditional delivery mechanism for MMS	Orange, Telefonica Moviles, T-Mobile
T2-030596	Management of Hyperlinks in MMS	T-Mobile, Vodafone
T2-030597	MM7 Application ID in MMS	T-Mobile
T2-030598	MM7 Delivery Conditions for MMS	T-Mobile
T2-030599	MM4 addressing	T-Mobile
T2-030600	Provision of MMS operator specific services	T-Mobile
T2-030601	CR 23.140 Rel-6 Cat B: Application-ID in MMS	Siemens
T2-030602	SWG3 Agenda at T2#23	SWG3 chairman
T2-030603	Discussion and proposal for further procedure with section 6 of 23.241	T-Mobile International
T2-030604	CR 23.140 Rel-6 Automatic and Manual Retrieval Modes	Motorola
T2-030605	CR 23.140 Rel-6 Retrieval Response from MMS UA	Motorola
T2-030606	LS from SA1 on MMS targeting UE elements	S1-031285
T2-030607	LS from SA1 on high bandwidth communication capability for USAT	S1-031286
T2-030608	LS from SA1 on Clarification of the USSD message transfer to SIM/USIM requirement	S1-031294
T2-030609	LS from SA1 on CBDD to the USAT in UMTS	S1-031340
T2-030610	LS from OMA Download+DRM group on DRM 1.0 support in MMS Rel6	OMA-BAC-DLDRM-2003-0244-liaison-to-3GPP-T2
T2-030611	multiple recipient addresses on MM4	T-Mobile
T2-030612	CR 23.140 Rel-6: clarification on recipient list	T-Mobile
T2-030613	CR 32.235 Rel-6: correction of MMS CDRs (for information)	T-Mobile
T2-030614	MMS stage 1 CRs from TSG-SA#21	T2 secretary
T2-030615	MMS options, MMS chairs meeting, 5th September, Frankfurt	MMS chairs meeting
T2-030616	Key Points from OMA/3GPP workshop, 15th September, Frankfurt	OMA/3GPP workshop
T2-030617	MMS Workshop Conclusions, 3GPP/3GPP2/OMA MMS workshop 7th November, London	3GPP/3GPP2/OMA MMS workshop
T2-030618	LS from SA1 on clarified requirements on synchronization for GUP	SA1-031278
T2-030619	LS to SA2, CN4 on Hierarchical Structure in GUP Specs	SWG2
T2-030620	SWG3 Agenda at T2#23	SWG3 chairman
T2-030621	CR 23.140 Rel-6 Message Size	Motorola
T2-030622	SWG3 Agenda at T2#23	SWG3 chairman
T2-030623	LS to SA1, OMA-MMSG, JSR-205 on MMS targeting UE elements	Comverse
T2-030624	CR 23140 REL-6: Clarifying the Element of Information 'Linked ID'	Ericsson
T2-030625	CR 23140 REL-6: Non existing /TYPE=rfc822 and cleaning up last references to RFC822	Ericsson
T2-030626	CR 23140 REL-6: Identify OMA MMS as MM1 stage 3	Ericsson
T2-030627	CR 23140 REL-6: On the usage of Application ID for MMS	Ericsson
T2-030628	CR 23140 REL-5: Correcting references to ENUM and HLR	Ericsson
T2-030629	CR 23.140 Rel-6 Conditional delivery mechanism for MMS	Orange, Telefonica Moviles, T-Mobile, Vodafone
T2-030630	CR 23.140 Rel-6 Automatic and Manual Retrieval Modes	Motorola

T2-030631	CR 23140 REL-6: MM4 addressing	T-Mobile
T2-030632	CR 23140 REL-6: Management of Hyperlinks in MMS	T-Mobile, Vodafone
T2-030633	LS to SA4 on support of hyperlinks in MMS	3
T2-030634	CR 23140 REL-5 Addition of missing MM7 Delivery report status codes	NOKIA
T2-030635	CR 23140 REL-6 Addition of missing MM7 Delivery report status codes	NOKIA
T2-030636	CR23140 REL-6 MM7 Allow adaptations default value	NOKIA
T2-030637	withdrawn	withdrawn
T2-030638	LS to CN5 cc SA1, SA2 on Extended MM7 and Messaging Integration Broker	Telefónica Móviles
T2-030639	WID: Handling of private addressing schemes in MMS	T-Mobile
T2-030640	withdrawn	withdrawn
T2-030641	LS to T3 on Approval of T2 UMTS Cell Broadcast Change requests	3
T2-030642	CR 23140 REL-5: Correcting references to ENUM and HLR	Ericsson
T2-030643	WID: Multiple MMS Relay/Servers in one MMSE	Telefónica Móviles
T2-030644	Report of SWG3 at T2#23	SWG3 chairman
T2-030645	WID: Multiple MMS Relay/Servers in one MMSE	not used
T2-030646	not used	
T2-030647	not used	
T2-030648	not used	
T2-030649	not used	
T2-030650	Email of 11/14 to Reflectors on GUP Options	SWG2 Chair
T2-030651	Update of 577 - Updates section 8.7, TS 23.241	T-Mobile International
T2-030652	Update of 581 - changes to 23.241	Sharp
T2-030653	TS 23.241 v0.5.2 (= 576, 651, 652, 588)	SWG2
T2-030654	S3 tdoc on GUP security S3-030581	SWG2 Chair
T2-030655	S1 tdoc on generic terminal capability S1-031105	SWG2 Chair
T2-030656	PCG Removal changes to Section 5, 23.241v0.5.2	Sharp
T2-030657	PCG Removal changes to Section 6, 23.241v0.5.2	T-Mobile
T2-030658	PCG Removal changes to Section 1-4, 23.241v0.5.2	TeliaSonera
T2-030659	Report of T3 splinter group session on CBS, USSD, MMS, 20 November 2003, Dallas, Texas	T2 secretary

Annex B Outgoing Documents

B.1   Change Requests submitted to TSG-T#22

The following CRs will be submitted to TSG-T#22 for approval:

"Terminal Interfaces and Capabilities" Change Requests

None.

"CBS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.041	015	-	Rel-5	CB Data structure	F	5.1.0	5.2.0	T2-030574	TEI5
23.041	016	-	Rel-6	CB Data structure	A	6.1.0	6.2.0	T2-030575	TEI5

"MMS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.140	140	-	Rel-6	Correction in MM1-MM4/MM7 header mapping	F	6.3.0	6.4.0	T2-030587	MMS6
23.140	141	-	Rel-6	Clarifying the Element of Information "Linked ID"	F	6.3.0	6.4.0	T2-030624	MMS6
23.140	142	-	Rel-6	Cleaning up last references to RFC822, and deletion of non existing /TYPE=rfc822	F	6.3.0	6.4.0	T2-030625	MMS6
23.140	143	-	Rel-6	Conditional delivery mechanism for MMS	B	6.3.0	6.4.0	T2-030629	MMS6
23.140	144	-	Rel-6	Automatic and Manual Retrieval Modes	F	6.3.0	6.4.0	T2-030630	MMS6
23.140	145	-	Rel-6	MM4 addressing	F	6.3.0	6.4.0	T2-030631	MMS6
23.140	146	-	Rel-6	Addition of missing MM7 Delivery report status codes	F	6.3.0	6.4.0	T2-030635	MMS6
23.140	147	-	Rel-6	MM7, Allow Adaptations default value	F	6.3.0	6.4.0	T2-030636	MMS6
23.140	148	-	Rel-5	Correcting references to ENUM & HLR	F	5.8.0	5.9.0	T2-030642	MESS5-MMS

B.2   Outgoing Liaison Statements

The following LSs were sent from T2#23:

TDOC	Subject	Comments
T2-030619	LS to SA2, CN4 on Hierarchical Structure in GUP Specs	sent 21/03/2003

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T2-030623	LS to SA1, OMA-MMSG, JSR-205 on MMS targeting UE elements	sent 24/03/2003
T2-030633	LS to SA4 on support of hyperlinks in MMS	sent 24/03/2003
T2-030638	LS to CN5 cc SA1, SA2 on Extended MM7 and Messaging Integration Broker	sent 24/03/2003
T2-030641	LS to T3 on Approval of T2 UMTS Cell Broadcast Change requests	sent 21/03/2003

B.3   Reports/Specifications submitted to TSG-T#22

The following specification will be presented to TSG-T#22 for information:

TDOC	Subject
T2-030653	TS 23.241 Generic User Profile (GUP) – Stage 2, Data Description Method

B.4   Work Items submitted to TSG-T#22

The following new WIDs will be submitted to TSG-T#22 for approval:

TDOC	Subject
T2-030639	WID on handling of private addressing schemes in MMS
T2-030645	WID on Multiple MMS Relay/Server Architecture

B.5   Other docs submitted to TSG-T#22

None.

Annex C   List of Participants

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Total number of delegates: 35

Annex D   Report from SWG2 UE Interfaces and Capabilties

                                                    T2-030568

Agenda Item: T2 Closing Plenary

Source: SWG2 Chairman

Title: FINAL Report of SWG2#23 DALLAS Meeting

Document for: Approval

ES   Executive Summary

Topics discussed at this meeting included, Generic User Profiles, Subscription Management, various Liaison Statements and other logistics for future meetings, joint meetings, and meeting procedures.

General:

The meeting was opened by Mr. Prem Sood on 13:30 pm, 17th November 2003, and the delegates were welcomed to this meeting.

Nicola McGregor (NTT DoCoMo) volunteered to share the secretary duties for the meeting.

The proposed Agenda of the meeting in Draft3 of T2-030567 was approved.

One SWG2_05 meeting dedicated to GUP work was held October 14-16 in Vienna, Austria, hosted by T-Mobile. Major progress was made on TS23.241 and TS24.241.

AT Commands –

The Rapporteur of 27.007/07.07, Soren Christensen, Ericsson has relinquished his role as rapporteur. The SWG2 thanked Mr. Christensen and Ericsson for their valuable contributions to this important T2 specification, and solicited volunteers for the rapporteur position.

There was no further activity on this topic.

Generic User Profiles –

Presentations on the status of work for Generic User Profiles were discussed. A number of incoming LS's and docs were reviewed.

1 outgoing LS, T2-030619 was approved and is presented to T2 for Approval. SWG2 approved 3 tdocs for the changes resulting from the SA2 decisions which will be submitted for approval on the Reflector, and after approval will be incorporated in the next version of 23.241.

SWG2 reviewed the TS 23.241 and concluded that it is well over 50% complete.

SWG2 made the decision unanimously to request T2 to submit TS23.241 version 0.5.2 (T2-030653) to TSG-T#22, December 2003 For Information.

T2 is hereby requested to submit TS23.214 to TSG-T#22 For Information.

Subscriber Management –

No Activity, some minor discussion.

Future Meetings:

No Future Meetings were approved by SWG2 before the next T2 meeting

Meeting	Date	Venue	Comment

Other Items Executive Summary from SWG2 meeting -

None

Output Change Requests –

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TDoc	Title	Source	Comment

Output Liaison Statements –

TDoc	Title	Source	Comment
T2-030619	LS Response to SA2 T2-030558, GUP Hierarchical Structure	SWG2	

Other Documents for T2 Approval–

TDoc No.	Title	Source	Status
T2-030653	TS23.241 v0.5.2	SWG2	Approved for output to T2. Submit to TSG-T#22 For Information

ES   Detailed Report

1. Opening of the meeting

The Chair of SWG2, Mr. Prem Sood, Sharp, opened the meeting at 13:30 pm on Monday, November 17th, 2003.

The Chair welcomed everyone to Dallas Texas USA and thanked the North American Friends of 3GPP for hosting the meeting.

Nicola McGregor of NTT-DoCoMo volunteered to act as the meeting secretary.

There were 10 delegates present at the opening of the meeting.

The Meeting closed at 4.25 pm on Thursday November 20.

1.1. Approval of the proposed Agenda

Document – T2-030567

TDoc No.	Title	Source	Status
T2-030567	Draft 3 SWG2 meeting agenda	SWG2 Chair	**Approved**

Presented by –

Chairman.

Resolution –

Documents T2-030589 and T2-030564 were withdrawn from the draft agenda and not discussed. The draft 3 of the agenda was approved.

1.2. Co-Located Joint and Dedicated Meetings Schedule

No joint and/or dedicated meetings scheduled this week.

3GPP

1.3. Future Joint and Dedicated Meetings Schedule

No Future Meetings were approved by SWG2 before the next T2 meeting

Meeting	Date	Venue	Comment

1.4. Review of previous Action Points

Tdoc Draft1 T2-030568

AP Description	Assigned to	Due	Status & Comments
15.2 - to review Specs 22.240, 23.240 related to Generic User Profiles.	All SWG2	Recurring	See below
19.3 Look at T2-020915 GPRS/CS attributes, review for completeness and bring input to the next T2 meeting. How to capture and store the information, as well as keep up to date. How will this be used to validate the GUP design. Define the process in details	All SWG2	CLOSED	CLOSED as obsolete.
21.1 – Develop company positions and discuss on the Reflector T2-030221 (see below)	All SWG2	SWG2 - August Meeting	CLOSED as obsolete
21.2 - Review the draft of the specification S2-031885 and the TS-23.234 v.190 LS statement for feasibility and impacts of UE's for tunneling. Discuss on the reflector. SP-030313 Annex D and 5.6.3	All SWG2	SWG2 - August Meeting	CLOSED as obsolete
21.3 – Review all WLAN specifications (22.934, 23.234) for impacts to UE of WLAN work.	All SWG2	SWG2 - August Meeting	CLOSED as obsolete
21.4 – Review and understand the latest version of SuM TS 32.141 v1.1.0 S5-032233	All SWG2	SWG2 - August Meeting	CLOSED as obsolete
22-1: Find out SA3 spec numbers on GUP and distribute information via email reflector	Nicola McGregor	#23	Closed. Completed.
22-2: Review SA3 specs on GUP	All SWG2	#23	Members to review.

			Pending to #24
22-3: Members to check if there is interest in a WID for WLAN Interworking for terminal issues	All SWG2	#23	CLOSED as obsolete
SWG2_05-1: 23.241, 24.241 to be ready to submit For Information at #23. Bring contributions to get TS's ready	All SWG2	#23	Closed. Completed

Action 15.2 is a recurring action, i.e. there is no due date. The Action is for all members to review TS 22.240 and 23.240 on an ongoing basis.

1.5. Appointment of Rapporteurs

The chairman proposed that rapporteurs were needed in two additional areas: 1) 23.227, 2) 24.241

Ericsson announced that it was no longer able to continue being rapporteur of 27.007 and 07.07. The position would open from December 1st, 2003.

The chairman made the call for volunteers, and asked the members to take the issue back to their companies for review.

2 Items for immediate discussion.

Tdocs 558, 582, 619, 650

Document – T2-0300558

TDoc No.	Title	Source	Status
T2-030558	Reply LS on Hierarchical Structure in GUP Specs	SA2	

Presented by –

Prem Sood

Discussion –

SA2 stated that the proposed late change from T2 regarding Profile Component Group level over DEG, would have impact not only in TS 23.240, but also in the ongoing work on stage 3 network specification TS 29.240 in CN4.

Resolution –

The document was noted. A reply LS was drafted as T2-030582.

Document – T2-0300582

TDoc No.	Title	Source	Status
T2-030582	LS Response to SA2 T2-030558, GUP Hierarchical Structure	T2SWG2	Noted

Presented by –

Prem Sood

Discussion –

SWG2 agreed with SA2 that Option 1 is not appropriate. T-Mobile suggested using Option 4.

Companies were asked to review the document. Not selected as the draft reply.

Resolution –

The document was noted.

Document – T2-0300619

TDoc No.	Title	Source	Status
T2-030619	Alternative LS reply to SA2 - LS Response to SA2 T2-030558, GUP Hierarchical Structure	T2SWG2	Approved as output to T2

Presented by –

Prem Sood

Discussion –

Alternative proposal drafted by the group. It states that T2 recommends that Option 4 is the best option.

3GPP

After the document was approved by SWG2, there was some discussion that SWG2 should start drafting changes to 23.241 in expectation of an Option 4 decision by SA2, but not implement these changes. Assignments for SWG2 members were discussed, and tasks assigned.

SWG2 recessed to allow members to do this drafting work, and re-convened to informally review the draft work so far.

It was agreed that the drafts will be reviewed during this meeting, and after the SA2 decision is made, submitted for e-mail approval to the Reflector, and after approval, would be included in the next version of 23.241 but prior to the next SWG2 meeting.

Resolution –

The document was approved

Document – T2-0300650

TDoc No.	Title	Source	Status
T2-030650	Email from SA2	T2SWG2	Noted

Presented by –

Prem Sood

Discussion –

Presented for information

Resolution –

The document was noted.

3.1 SWG2 Ongoing Work on GUP, DDM, CO

Tdocs 569, 565, 566, 570, 576, 603, 577, 581, 588, 564, 558, 582, 619, 563, 589,653,654

Document – T2-030569

TDoc No.	Title	Source	Status
T2-030569	Report of SWG2_05_Vienna	SWG2 Chair	Noted

Presented by –

Prem Sood

Discussion –

Major changes have been made to sections 6 and 7 of 23.241. Chairman requested that members review the changes and discuss the recommendation that 23.241 be presented for information at T#22.

T-Mobile presented the changes to the specification.

Resolution –

The document was noted. 23.241 is to be presented for information at T#22 plenary

Document – T2-030566

TDoc No.	Title	Source	Status
T2-030566	Further changes to TS 23.241 V0.5.0	Rapporteur	Approved

Presented by –

Kurt (T-Mobile)

Discussion –

Approved as baseline for 23.241, v0.5.1.

Resolution –

The document was approved.

Document – T2-030570

TDoc No.	Title	Source	Status
T2-030570	TS24.241 version 0.5.0	Rapporteur	Approved

Presented by –

Prem Sood

Discussion –

Approved as baseline of 24.241.

Resolution –

The document was approved

Document – T2-030576

TDoc No.	Title	Source	Status
T2-030576	Updates to section 6, TS 23.241V0.5.1	T-Mobile	Approved

Presented by –

Kurt

Discussion –

Kurt presented proposed changes to section 6 of 23.241 v0.5.1 specification.

T-Mobile are aware of overlaps with the liberty alliance and Telia Sonera agree that being able to link the 3GPP specifications with other work such as Liberty Alliance can only be a good move. However, the scope of Liberty Alliance is narrower than 3GPP GUP and the T2 work involved data modeling which was on a different level to the procedure calls being defined at CN4. So the T2 GUP work was not felt to overlap directly with Liberty Alliance profiling work.

The UML Schema diagrams at section 5 in 23.241 need to be changed in order to reflect the changes proposed for section 6.

Resolution –

The document was approved for incorporation into 23.241.

3GPP

Document – T2-030577

TDoc No.	Title	Source	Status
T2-030577	Updates section 8.7, TS 23.241	T-Mobile	Noted

Presented by –

Kurt

Discussion –

Kurt presented the changes that were being proposed to section 8.7.

SWG2 Chair proposed that a line be removed from underneath table 8.7.3.2, and one other small change, which were accepted.

Resolution –

The document was noted and updated as T2-030651.

Document – T2-030651

TDoc No.	Title	Source	Status
T2-030651	Update of 577- Updates section 8.7, TS 23.241	T-Mobile	Approved

Presented by –

Kurt

Discussion –

Updates to 577.

Resolution –

The document was approved for inclusion to TS 23.241.

3GPP

Document – T2-030581

TDoc No.	Title	Source	Status
T2-030581	proposed changes to 23.241 v0.5.1	Sharp	Noted

Presented by –

Prem Sood

Discussion –

Changes include editorial changes and changes for clarification. Changes were agreed after some modifications.

Resolution –

The document was noted and updated in T2-030652

Document – T2-030652

TDoc No.	Title	Source	Status
T2-030652	Updated 581 proposed changes to 23.241 v0.5.1	Sharp	Approved

Presented by –

Prem Sood

Discussion –

Agreed changes to 581.

Resolution –

The document was approved for inclusion in 23.241.

Document – T2-030588

TDoc No.	Title	Source	Status
T2-030588	update references 23.241	T-Mobile	

Presented by –

Kurt

Discussion –

This document added references to the appropriate CAMEL specifications and updated abbreviations.

Resolution –

The document was approved for inclusion to 23.241.

Document – T2-030603

TDoc No.	Title	Source	Status
T2-030603	Discussion and proposal for further procedure with section 6	T-Mobile	Noted

Presented by –

Kurt

Discussion –

There was a discussion over whether to transfer the properties work to CN4.

Document 563 was used as reference for the CN4 WID and timelines.

It was agreed that there was value in considering how to progress the work together with CN4. Rather than producing an LS, member companies are asked to raise this topic with colleagues in CN4. A joint meeting may be of value for overall coordination. The Chairman will contact CN4 to find out whether a joint meeting is possible. At the joint meeting, 23.241 can be presented.

It would be beneficial for T2 to continue with the work on properties and then send an LS to CN4 asking for feedback on that work, possibly in January.

Resolution –

The document was noted

Document – T2-030618

TDoc No.	Title	Source	Status
T2-030618	LS on clarified requirements on synchronization for GUP	SA1	

Presented by –

Prem Sood

Discussion –

The LS refers to an older version of the requirements specification. SA2 had pointed out a discrepancy in a later change. No action required.

Resolution –

The document was noted.

Document – T2-030563

TDoc No.	Title	Source	Status
T2-030563	LS on updated WID for GUP	SA1	Noted

Presented by –

Prem Sood

Discussion –

LS informing that SA1 has removed the timeline dates from the SA1 GUP WID and replaced with a reference to the T2 GUP WID.

Resolution –

The document was noted.

Document – T2-030653

TDoc No.	Title	Source	Status
T2-030653	TS23.241 v0.5.2	Rapporteur	Approved for output to T2

Presented by –

Kurt Bischinger (T-Mobile)

Discussion –

The changes that were agreed during the meeting were incorporated into the specification.

A clean and change-bar version were included.

The group agreed that the specification was now ready for presentation for information at TSG-T December meeting. There were no objections.

Resolution –

The document was approved for output to T2. Submit to T#22 for information.

Document – T2-030654

TDoc No.	Title	Source	Status
T2-030654	S3-030581 on GUP Security	Chairman	Noted

Presented by –

Prem Sood

Discussion –

Presented for information

Resolution –

The document was noted.

Document – T2-030656

TDoc No.	Title	Source	Status
T2-030656	PCG Removal changes to Section 5, 23.241v0.5.2	Sharp	Approved for email approva

3GPP

Presented by –

Prem

Discussion –

Draft 1 Presented for information. Changes captured in Draft 2.

Resolution –

The document was approved for further development and submission for e-mail approval when ready.

Document – T2-030657

TDoc No.	Title	Source	Status
T2-030657	PCG Removal changes to Section 6, 23.241v0.5.2	T-Mobile	Approved for email approva

Presented by –

Kurt

Discussion –

Draft 1 Presented for information. Changes captured in Draft 2.

Resolution –

The document was approved for further development and submission for e-mail approval when ready.

Document – T2-030658

TDoc No.	Title	Source	Status
T2-030658	PCG Removal changes to Section 1-4, 23.241v0.5.2	TeliaSonera	Approved for email approval

Presented by –

Henrik

3GPP

Discussion –

This document was not reviewed during the meeting.

Resolution –

The document was approved for further development and submission for e-mail approval when ready.

3.2 Subscriber Management

Tdocs - No Input

3.3 AT Commands

TDocs: No Input

3.6 IMS

TDocs: No Input

3.7 WLAN Functions

TDocs: No Input.

4.1 UE Functionality Split

TDocs : No Input

4.2 Application and User Interaction

TDocs None

3GPP

4.3 Other

Tdocs 562, 655

Document – T2-030562

TDoc No.	Title	Source	Status
T2-030562	LS from SA1 on STF228 User Interoperability Criteria	S1-031212	Noted

Presented by –

Prem Sood

Discussion –

Copy of an LS from SA1 to ETSI.

Hard to understand what the LS is about as T2 did not see the original LS. Also, SWG2 were not sent the "table" that is mentioned in the reply LS. Hence members were unable to comment or understand why T2 were copied.

Kurt kindly agreed to follow up on the LS to try and enlighten the members about the meaning of the LS.

Resolution –

The document was noted.

Document – T2-030655

TDoc No.	Title	Source	Status
T2-030655	LS from SA1 to ETSI (STF228)	T-Mobile	Noted

Presented by –

Kurt

Discussion –

Presented for information in order to understand the LS reply that T2 was copied on.

3GPP

The principle of the work at ETSI is to find out if the terminal has capabilities for certain services.

There was surprise at the speed at which SA1 replied to the LS. T2 can identify GUP work, 29.104, and 22.101 (Automatic Device Detection) which deals with terminal capabilities.

Discussion over why ETSI sent this LS in the first place, as the work as already been covered to a great extent in 3GPP, and why SA1 did not ask T (T1, T2) 's opinion before sending a reply.

Friedhelm explained that the work was being done by a separate standardization group at ETSI, not 3GPP related. Members should check within their companies whether they want to support this ETSI group and want to do this work.

Resolution –

The document was noted.

5. Review of WI's progress, SWG2 and T2 relevant items in 3GPP work plan.

TDocs 548

SWG2 chairman will have a discussion with Friedhelm Rodermund of MCC offline to review the work plan.

6. Approval of Output Documents for T2 Approval.

TDoc No.	Title	Source	Status
T2-030619	LS Response to SA2 T2-030558, GUP Hierarchical Structure	SWG2	Approved for Output to T2
T2-030653	TS23.241 v0.5.2	Rapporteur	Approved for output to T2

6.2 Meeting Report of this SWG2 Meeting

T2-030568	Report of T2 SWG2 #23		

7. Deferred Items

None

8. Any Other Business

None

9. Future Meetings, Time Requirements

See Executive summary.

10. Close of the Meeting

The Meeting was closed at 4.25 pm on Thursday.

10.1. List of New Action Points added at this meeting

AP Description	Assigned to	Due	Comments
23.1 The Chairman will contact the CN4 group regarding that possibility of a Joint meeting in March.	Chairman (Prem)	T2#24	
23.2 Members to check within their companies whether they want the work at ETSI User Interoperability Group	SWG2	T2#24	See T2-030655
23.3 Chairman to contact ETSI User Interoperability Group for further information.	Chairman	T2#24	

Annex A List of all temporary documents

COLOR CODE

APPROVED - OUTPUT TO T2

NOTED/APPROVED – NO OUTPUT TO T2

PENDING / ACTION

NOT REVIEWED AT THIS MEETING

NOT DISCUSSED YET

FINAL Document List

TDOC	Subject	Source	Resolution
T2-030548	3GPP work plan	TB Officer	SWG2 Chair will discuss with T2 Sec.
T2-030558	LS from SA2 on Hierarchical Structure in GUP Specs	S2-033812	Noted. Response in 619
T2-030562	LS from SA1 on STF228 User Interoperability Criteria	S1-031212	Noted
T2-030563	LS from SA1 on updated WID for GUP	SA1-031259	Noted
T2-030564	withdrawn	SA1-031260	
T2-030565	TS 23.241 V0.5.0, Output from SWG2#5	SWG2	Approved as Output of SWG2_05
T2-030566	Further changes to TS 23.241 V0.5.0	Rapporteur	Approved as the baseline version 0.5.1 of 23.241
T2-030567	SWG2#23 Meeting Agenda	SWG2 Chairman	Draft 3 approved
T2-030568	SWG2#23 Meeting Report	SWG2 Chairman	Approved
T2-030569	Meeting Report of SWG2_05_VIENNA	SWG2 Chairman	Noted. decision to submit

			23.241 for info
T2-030570	TS24.241 version 0.5.0	Rapporteur	Approved as the baseline version 0.5.0 of 24.241
T2-030576	Updates to section 6, TS 23.241V0.5.1	T-Mobile International	Approved for inclusion in next version 23.241
T2-030577	Updates section 8.7, TS 23.241	T-Mobile International	Noted. Updated in 651
T2-030581	Proposed changes to 23.241v0.5.1	Sharp	Noted. Updated in 652
T2-030582	LS Response to SA2 T2-030558, GUP Hierarchical Structure	SWG2	Noted. Decided, Not to be sent. 619 is LS
T2-030588	Updates abbreviations and references 23.241	Rapporteur	Approved for inclusion in next version 23.241
T2-030589	Proposed update GUP DDM WID	T-Mobile International	Withdrawn
T2-030603	Discussion and proposal for further procedure with section 6 of 23.241	T-Mobile International	Noted
T2-030618	LS from SA1 on clarified requirements on synchronization for GUP	SWG2	Noted
T2-030619	LS response to 558 to SA2	SWG2 Chair	Approved as Output LS
T2-030650	Email of 11/14 to Reflectors on GUP Options	SWG2 Chair	Noted
T2-030651	Update of 577 - Updates section 8.7, TS 23.241	T-Mobile International	Approved for inclusion in next version 23.241
T2-030652	Update of 581 – changes to 23.241	Sharp	Approved for inclusion in next version 23.241
T2-030653	23.241 v0.5.2= 576, 651, 652, 588	Rapporteur	Approved as the new baseline. Approved for output to T2, to submit to TSG-T#22 For Information
T2-030654	S3 tdoc on GUP security S3-030581	SWG2 Chair	Noted
T2-030655	S1 tdoc on generic terminal capability S1-031105	SWG2 Chair	Noted wuth member Action Point
T2-030655	S1 tdoc on generic terminal capability S1-031105	SWG2 Chair	Noted with member Action Point
T2-030656	PCG Removal changes to Section 5, 23.241v0.5.2	Sharp	Approved for email approval
T2-030657	PCG Removal changes to Section 6, 23.241v0.5.2	T-Mobile	Approved for email approval
T2-030658	PCG Removal changes to Section 1-4, 23.241v0.5.2	TeliaSonera	Approved for email approval
T2-030659			

Annex B FINAL AGENDA

3GPP TSG-T2 #23
Dallas, Texas, USA
17 -21 November 2003

T2-030567

Agenda Item: **1.1**

Source: **SWG2 Chairman**

Title: **FINAL Agenda SWG2#23 Meeting**

Document for: **Approval**

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1. Opening of the meeting

    1.1 Approval of this Meeting's Agenda, Chairman's comments 567

        Recording of Incoming Docs & assignment to Agenda 567, doclist

    1.2 Co-located Joint and Dedicated Meetings, time schedule this week

    1.3 Future Meetings Confirmation – proposed list is in Agendum 9

    1.4 Review of Progress on Action Items Draft1 568

    1.5 Appointment of Rapporteurs – 23.227, 24.241, 27.007/07.07

2. Items for immediate discussion –

2.1 558, Draft 1 of 582, Draft 1 619, 650

3. SWG2 Ongoing Work

3.1 SWG2 Ongoing Work on GUP, DDM 569, 565, 566, 570, 576, 603, 577, 581, 588, 564, 653, 558, 582, 619, 563, 589, 618, 651, 652, 654, 656, 657, 658

3.2 Subscriber Management

3.3 AT Commands

3.4 IMS

3.5 WLAN functionality

4. Other SWG2 Items

4.1 UE Functionality Split

4.2 Application and User Interaction (Terminal Local Model)

4.3 Other (incl. CRs to SWG2 docs) 562, 655

5. Review of WI's progress, SWG2 and T2 relevant items in 3GPP work plan 548

6. Approval of Output Drafts and Documents for T2 Approval

6.1 Liaison Statements, etc. 582, 619

6.2 Meeting Report of this SWG2 meeting Draft 3 568

7. Deferred Items

8. Any Other Business

9. Future meetings, Time requirements

SWG2_06 on GUP – 12-16 January 2004, Portland ? (TBD)

JM with SA5 on GUP, SuM – 12-16 January 2004, Portland ? (TBD)

9-13 February Australia

10. Close of the meeting

APPROVED - OUTPUT TO T2

NOTED/APPROVED – NO OUTPUT TO T2

PENDING / ACTION

DECIDED TO POSTPONE, NOT REVIEW

NOT DISCUSSED YET

CURRENTLY BEING DISCUSSED

Annex C List of Participants

DELEGATE	ORGANIZATION	E-MAIL

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Annex E   Report from SWG3 Messaging

Agenda Item: T2 Closing Plenary

Source: SWG3 Chair

Title: Report of SWG3

Document for: Approval

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Executive Summary:

General:

The SWG3 sessions at T2#23 were attended by 26 delegates. All in all 71 tdocs were processed, among these 12 incoming LSs. One document, T2-030560, an LS from CN4 on "identifying MMS Enabled devices and MMS Capabilities of those devices", had to be postponed to the next meeting as T2 is waiting for feedback from SA2 on this matter.

Philippe Bellordre from Orange kindly volunteered as meeting secretary.

Action items from T#21, SA#21, T2#23 opening plenary:

NONE

CBS matters

Two CRs on the UMTS CBS data format were approved in T2-030575 for REL-6 and in T2-030574 for REL-5. The REL-5 CR was approved only after an informal show of hands and with sustained objections from one company. In LS T2-030641, T3 who depend on T2's work on the data format was informed.

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SMS matters

NONE

EMS matters

NONE

MMS REL-4 issues

NONE

MMS REL-5 issues

One bug fix CR towards 23.140 was approved in T2-030642 which corrects references to annexes on ENUM- and HLR-based address resolution.

MMS REL-6 issues

Corrections: Some corrections and clarifications were approved on MM1-MM4/MM7 header mapping (T2-030587), Information Element 'Linked ID' (T2-030624) and RFC822 addressing (T2-030625).

MM1 enhancements: CRs on a conditional delivery mechanism (T2-030629) and on a description of automatic and manual retrieval modes (T2-030630) were approved after revisions.

MM4 enhancements: T2-030631, a CR on MM4 addressing was approved. The issue of routing of MMs with multiple addresses was also debated but could not yet be concluded.

MM7 stage 3: Two corrections were agreed to the MM7 Schema where one is an addition of the missing MM7 delivery report status codes (T2-030635) and another one allows a default value for adaptations (T2-030636).

MM7 enhancements:

Several CRs with proposed MM7 extensions were discussed but none was agreed. Further work is needed. These proposed the following: addition of Service Code Element to MM7 Delivery Request, Partial Cancellation Feature, Submission in Stages, MM7 Delivery Conditions for MMS. The introduction of a Messaging Integration Broker was also discussed but seen to be out of scope of MMS work. An LS was sent to CN5 (T2-030638) informing them about the idea.

MMS / UICC: The issues of MM storage on the USIM, use of MMS as a bearer for USAT and MMS management by USAT were discussed during an informal joint session with T3. For the time being SWG3 did not identify a need for activity. Details can be found in the meeting minutes, T2-030659.

Hyperlinks: A CR proposing a description for hyperlinks in MMs could not be agreed. It was felt that it would be necessary to liaise with SA4 to ensure that SA4 is aware of SA1's requirement on hyperlink and to ensure that the functional requirements can be fulfilled with PSS SMIL.

MMS as transport mechanism for applications: SWG3 is planning to analyse the full architectural implications and to complete work on this feature within REL-6 time frame. SWG3 has studied the change that was made to 22.140 and made assumptions on how to understand these. This is communicated back to SA1 in an LS (T2-030623).

New Work Item(s) for MMS REL-6:

Several companies identified a need for the **handling of private addressing schemes in MMS**. A new WID was agreed in T2-030639. T-Mobile offered to host an ad hoc meeting on this aspect in January, subject to the WID being approved by T.

In addition, a new WID was drafted in T2-030643 on the support of **multiple MMS Relay/Servers in one MMSE**. Due to lack of one supporting company the WID was not agreed.

   NOTE that the WID proposal was revised in T2-030645 after the closing of SWG3.

Post REL-6 MMS work:

The conclusions and recommendations from the 3GPP/3GPP2/OMA MMS workshop, 7th November, London, were presented. The SWG3 chairman suggested that SWG3 should identify (but not yet undertake !) the steps that are necessary to enable the transfer of parts of the MMS specifications to OMA – subject to the transfer being agreed by 3GPP and IPR/Copyright issues being solved.

Future Meetings:

Meeting	Date	Venue	Comment
SWG3 ad hoc	**January 2004**	**Tbd** **Host: T-Mobile**	**Scope: Handling of private addressing schemes in MMS** **Note: Subject to the related WID being approved by T**

T2#24	16 – 20 Feb 2004	Malaga, Spain	
T2#25	19 – 23 Apr 2004	Europe	

Output Change Requests from SWG3:

CBS:

tdoc #	Subject	Source	Comments
T2-030574	CR 23.041 rel 5: CB data format	Celltick Technologies	Approved with sustained objections from Nokia
T2-030575	CR 23.041 rel 6: CB data format	Celltick Technologies	

SMS:

NONE

EMS:

NONE

MMS:

tdoc #	Subject	Source	Comments
T2-030587	CR 23140 REL-6: Correction in MM1-MM4/MM7 header mapping	Huawei,China Mobile	
T2-030624	CR 23140 REL-6: Clarifying the Element of Information 'Linked ID'	Ericsson	revised T2-030578
T2-030625	CR 23140 REL-6: Non existing /TYPE=rfc822 and cleaning up last references to RFC822	Ericsson	combined revisions of T2-030579 and T2-030580
T2-030629	CR 23.140 Rel-6 Conditional delivery mechanism for MMS	Orange, Telefonica Moviles, T-Mobile, Vodafone	revised T2-030595
T2-030630	CR 23.140 Rel-6 Automatic and Manual Retrieval	Motorola	revised T2-030604

tdoc #	Subject	Source	Comments
	Modes		
T2-030631	CR 23140 REL-6: MM4 addressing	T-Mobile	revised T2-030599
T2-030635	CR 23140 REL-6 Addition of missing MM7 Delivery report status codes	NOKIA	revised T2-030583
T2-030636	CR23140 REL-6 MM7 Allow adaptations default value	NOKIA	revised T2-030584
T2-030642	CR 23140 REL-5: Correcting references to ENUM and HLR	Ericsson	revised T2-03028

Output Liaison Statements from SWG3:

CBS:

tdoc #	Subject	Source	Comments
T2-030641	LS to T3 on CBDD	3	

SMS:

NONE

EMS:

NONE

MMS:

tdoc #	Subject	Source	Comments
T2-030623	reply-LS to SA1, OMA-MMSG, JSR-205 on T2's assumptions regarding MMS targeting UE elements	Comverse	reply-LS to T2-030606
T2-030633	LS to SA4 on Management of Hyperlinks in MMS	3	
T2-030638	LS to CN5 cc SA1, SA2 on Messaging Integration Broker and 'Extended MM7'	Telefónica Móviles	

Output WIDs from SWG3:

MMS:

tdoc #	Subject	Source	Comments
T2-030639	WID: Handling of private addressing schemes in MMS	T-Mobile	

List of postponed documents – IF ANY:

tdoc #	Subject	Source	Comments
T2-030560	LS from CN4 on identifying MMS Enabled devices and MMS Capabilities of those devices	N4-031351	postponed - to be revisited based on SA2 feedback

List of Action Items:

AI#	Related tdoc #	Subject	Action Item	Responsible
T2#23-002	T2-030560	LS from CN4 on identifying MMS Enabled devices and MMS Capabilities of those devices	Perform interrogation on ongoing work - come up with summary document	Matthias (TMO)
T2#23-004	T2-030391	LS from SA2 on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs	CR which enables MMS as IMS messaging deferred mode	Michel (Ericsson)
T2#23-005	T2-030391	LS from SA2 on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs	DRAFT LS to T2-030391 with feedback to SA2 (related to AI T2#23-004)	Michel (Ericsson)
T2#23-006	T2-030597, T2-030601, T2-030627	Application ID in MMS	Trigger the JSR 205 chairman for feedback (including use cases) to our LS from T2#22	Josef (Siemens)
T2#23-007	none	MM7 version handling	email debate	Michael (Nokia)

Detailed Report:

General:

TDoc	Title	Source	Comment
T2-030602	**SWG3 Agenda at T2#23**	**SWG3 chairman**	

Discussion: NONE

Conclusion: Revised as T2-030620

TDoc	Title	Source	Comment
T2-030620	**SWG3 Agenda at T2#23**	**SWG3 chairman**	**Revision of T2-030602**

Discussion: NONE

Conclusion: Revised as T2-030622

TDoc	Title	Source	Comment
T2-030622	**SWG3 Agenda at T2#23**	**SWG3 chairman**	**Revision of T2-030620**

Discussion: NONE

Conclusion: APPROVED

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Incoming Liaison Statements:

CBS LSs

TDoc	Title	Source	Comment
T2-030609	**LS from SA1 on CBDD to the USAT in UMTS**	**SA1**	

Discussion: None. CRs to be presented on that topic

Conclusion: NOTED

MMS LSs

TDoc	Title	Source	Comment
T2-030606	**LS from SA1 on MMS targeting UE elements**	**SA1**	

Discussion: Randall thinks that the SA1 requirement is quite unclear and may have more implications than wanted. Michel mentioned that the VASP use case is missing.

CRs to be presented on that subject during this meeting.

Since this LS is definitely not clear, it was suggested to send an LS back to SA1, OMA MMSG, JSR 205 on T2's assumption regarding MMS targeting UE elements.

OMA MMSG was added since it appeared that OMA may work on the same kind of topic: therefore, it would be good to let them know 3GPP work on it and what is the status of their job.

Conclusion: NOTED. LS back in T2-030623.

TDoc	Title	Source	Comment
T2-030623	**LS to SA1, OMA MWG-MMSG, Java JSR 205 on MMS targeting UE elements**	**T2**	

Discussion: some revision online

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Conclusion: APPROVED

TDoc	Title	Source	Comment
T2-030560	LS from CN4 on identifying MMS Enabled devices and MMS Capabilities of those devices	CN4	

Discussion: CN4 has made some comments on the T2 T-Mobile CR (presented during last T2 meeting) related to legacy detection.

Action item for T-Mobile: to provide us with the SA1 CR updating HLR with terminal capabilities

Action item closed: see CR S1-031377 on ADC (Automatic Device Configuration). This CR proposes that the home environment should be automatically notified when a user, identified by a SIM/USIM, has changed ME and should be informed of the identity of the new ME.

This CR is a generic CR and is not only dedicated to MMS. However, it appears that there may not be any stage 2 work on this area.

Not sure what the relationship is between this CR and the LS from CN4/T-Mobile CR.

Conclusion: POSTPONED: to be revised based on SA2 feedback on the LS/T-Mobile CR (included)

Action Point for Mathias: to summarise the work done on this issue (in particular based on the SA1 CR on ADC)

Tdoc	Title	Source	Comment
T2-030610	LS from OMA Download+DRM group on DRM 1.0 support in MMS Rel6	OMA Download +DRM Group	

Discussion: NONE

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030554	LS from SA5 on Routing of MM with multiple addresses	SA5	

Discussion: NONE

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030556	**LS from GSMA BARG on Routing of MM with multiple addresses**	GSMA CPWP	

Discussion: NONE

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030552	**LS from CN4 on sending the SGSNs MNC and MCC to the GGSN and service node**	CN4	

Discussion: NONE

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030555	**LS reply from SA5 on sending the SGSN's MNC and MCC to the GGSN**	SA5	

Discussion: NONE

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030561	**LS from CN5 on clarifying the CN5 OSA API activities related to MMS**	CN5	

Discussion: CN5 does not develop an extended MM7 interface, but rather maps onto the MM7 interface in the MMS interface.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030607	**LS from SA1 on high bandwidth communication capability for USAT**	SA1	

Discussion: Was dealt in T2/T3 unofficial joint Meeting. No action needed.

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Conclusion: NOTED.

Tdoc	Title	Source	Comment
T2-030550	**LS from TSG-T on the use of MMS as a bearer for USAT**	T	

Discussion: Was dealt in T2/T3 unofficial joint Meeting. No action needed

Conclusion: NOTED.

Tdoc	Title	Source	Comment
T2-030391	**LS on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs**	SA2	**Postponed from last T2 meeting**

Discussion: This LS was presented during last T2 meeting but was postponed to allow companies to perform some additional studies.

Nokia and Ericsson have not reached a conclusion on this topic yet.

Ericsson is willing to take an action point to come up with a CR and a draft LS for the next T2 meeting.

Conclusion: NOTED

Action Item for Michel (Ericsson): come up with a CR and a draft LS back to SA2 for the next T2 meeting.

CBS matters:

Tdoc	Title	Source	Comment
T2-030571	**CBS Structure in UMTS**	**Celltick Technologies, 3**	

Discussion: Discussion paper.

After offline discussions, it appeared that Nokia and Ericsson object to the changes for R99, R4, R5. Changes would be acceptable for R6.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030572	**CR 23.041 rel 99: CB data format**	**T2 SWG3**	

Discussion: Part of T2-030571

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030573	**CR 23.041 rel 4: CB data format**	**T2 SWG3**	

Discussion: Part of T2-030571

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030574	**CR 23.041 rel 5: CB data format**	**T2 SWG3**	

Discussion: Part of T2-030571.

Nokia and Sony-Ericsson firstly objected to this CR getting approved.

Nokia mentioned that Release 5 is already frozen and there are no real justification of this work being incorporated into R5, according to them.

Vodafone mentioned that having only R6 CR may be too late for implementations.

As a compromise could not be reached, Josef suggested having an informal show of hands:

- **10 votes in favor of this Rel-5 CR getting approved**

- **3 votes against this Rel-5 CR getting approved.**

After this informal show of hands, seeing the high number of companies in favour, Josef asked if there were any sustained objections. Sony Ericsson had no sustained objection. Nokia confirmed that they have sustained objections against this CR in R5.

Therefore, according to the 3GPP rules, the chairman proposed that this CR could be approved at this stage, noting the sustained objections from Nokia and the debate-if any- will be done at the T2 closing plenary level.

Conclusion: APPROVED with the sustained objection of Nokia

Tdoc	Title	Source	Comment
T2-030575	CR 23.041 rel 6: CB data format	T2 SWG3	

Discussion: Part of T2-030571

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030641	LS to T3 on CB Data Download	T2	

Discussion: This LS is to inform T3 about the results of T2's debate of above-CRs.

Nokia did not feel comfortable with this LS and would like to have it delayed (since decision on the CBS CR has been taken yet).

Some modification made online

Conclusion: APPROVED

SMS matters:

NO DOCUMENTS

EMS matters:

NO DOCUMENTS

MMS REL-4 issues:

NO DOCUMENTS

MMS REL-5 issues:

TDoc	Title	Source	Comment
T2-030634	**CR 23140 REL-5 Addition of missing MM7 Delivery report status codes**	**Nokia**	**Mirror Rel-5 version of T2-030635**

Discussion: none

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-030628	**Correction references to ENUM and HLR**	**Ericsson**	

Discussion: none

Conclusion: NOTED. Revised in T2-030642

TDoc	Title	Source	Comment
T2-030642	Correction references to ENUM and HLR	Ericsson	Revised version of T2-030628

Discussion: none

Conclusion: APPROVED

MMS REL-6 issues:

MMS SA-approved CRs

Tdoc	Title	Source	Comment
T2-030614	**MMS stage 1 CRs from TSG-SA#21**	**T2 Secretary**	

Discussion:

Conclusion: NOTED

Clarifications on MMS 23.140 spec

Tdoc	Title	Source	Comment
T2-030578	**Clarifying the Element of Information 'Linked ID'**	**Ericsson**	

Discussion: Jerry and Josef mentioned that the reference to MM1 is incorrect. Paolo mentioned that it is preferable not to consider the first sentence ('linked ID typically identical to the Message Id') since it is an implementation issue.

Conclusion: NOTED. To be revised in T2-030624

Tdoc	Title	Source	Comment
T2-030624	**Clarifying the Element of Information 'Linked ID'**	**Ericsson**	**Revised version of T2-030578**

Discussion: Some modifications are made online

Conclusion: APPROVED

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Tdoc	Title	Source	Comment
T2-030580	Non existing /TYPE=rfc822	Ericsson	

Discussion:

Conclusion: APPROVED IN PRINCIPLE. Revised in T2-030625

Tdoc	Title	Source	Comment
T2-030579	Cleaning up last references to RFC822	Ericsson	

Discussion:

Conclusion: APPROVED IN PRINCIPLE. Revised in T2-030625

Tdoc	Title	Source	Comment
T2-030625	Non existing /TYPE=rfc822 and cleaning up last references to RFC822	Ericsson	Revision of T2-030580 and T2-030579

Discussion:

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030587	Correction in MM1-MM4/MM7 header mapping	Huawei; China Mobile	

Discussion: NONE

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030626	Referring to the OMA encapsulation specification	Ericsson	

Discussion: The MMS Relay/Server shall also support the OMA Encapsulation address encoding.

The section where added may not be appropriate.

Some companies expressed their concerns about the usefulness of this CR.

Conclusion: NOTED

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DRM

Tdoc	Title	Source	Comment
T2-030586	**Clarification of DRM support in MMS**	**Huawei; China Mobile; AWS**	

Discussion: Vodafone: should not duplicate work between OMA and 3GPP. Nokia , Ericsson and Motorola agree.

Offline discussion to take place

Conclusion: NOTED

MM1 interface

Tdoc	Title	Source	Comment
T2-030595	**CR 23.140 Rel-6 Conditional delivery mechanism for MMS**	**Orange; Telefonica Moviles; T-Mobile**	

Discussion: Motorola and Vodafone pointed out that the terminal behaviour should be more specified.

The debate comes back to the debate we had one year ago: should we specify the resulting retrieval mode if the retrieval mode is X in the handset and Y in the MMSC?

Siemens and Nokia are happy with the current CR (except for some wording).

Vodafone suggests to more clearly specify the MMS User Agent's behaviour specifying e.g. the MMS UA may honour the recommendation of the MMSC.

Conclusion: NOTED. To be revised in T2-030629

Tdoc	Title	Source	Comment

Tdoc	Title	Source	Comment
T2-030629	CR 23.140 Rel-6 Conditional delivery mechanism for MMS	Orange; Telefonica Moviles; T-Mobile; Vodafone	Revised version of T2-030595

Discussion: Some changes done online. As the most important use case is to provide manual retrieval indication in the notification, the scope was narrowed to manual retrieval indication.

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030604	CR 23.140 Rel-6 Automatic and Manual Retrieval Modes	Motorola	

Discussion: Some minor comments. The recommended delivery mode carried in the notification should be added in the factor. Some mentioned factors may not be appropriate.

Conclusion: NOTED. To be revised in T2-030630

Tdoc	Title	Source	Comment
T2-030630	CR 23.140 Rel-6 Automatic and Manual Retrieval Modes	Motorola	Revised version of T2-030604

Discussion: None

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030605	CR 23.140 Rel-6 Retrieval Response from MMS UA	Motorola	

Discussion: Discussion on the usefulness of the additional information elt proposed in this CR.

It seems that participants do not have a good understanding of this CR, although the general idea has already been discussed during last T2 meeting.

This CR is noted for the time being, but an offline discussion shall take place to clarify open issues

Conclusion: NOTED

MM4 interface

TDoc	Title	Source	Comment
T2-030599	MM4 addressing	T-Mobile	

Discussion: Inspired from the recommendations given in GSMA IR52.

Some minor comments.

Conclusion: NOTED. Revised in T2-03631

TDoc	Title	Source	Comment
T2-030631	MM4 addressing	T-Mobile	Revised version of T2-030599

Discussion: Minor comments

Conclusion: APPROVED

TDoc	Title	Source	Comment
T2-030611	Recipient Lists on MM4	T-Mobile	

Discussion: This discussion raises different problems: some of them are dealt by the two CRs below. The other raised problems may be addressed by future CRs in future T2 meetings

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-030612	CR Rel-6 : 23.140 Clarification on recipient list	T-Mobile	

Discussion: Corresponding CR to T2-030611

Ericsson, Nokia and Comverse do not see the need of such a new information element. Problems may occur in respect with backward compatibility.

Conclusion: NOTED.

TDoc	Title	Source	Comment

TDoc	Title	Source	Comment
T2-030613	**Draft CR to 32.235 (Rel 5) on recipient addresses**	**T-Mobile**	

Discussion: CR on SA5 MMS charging specification.

Conclusion: NOTED

Hyperlink

TDoc	Title	Source	Comment
T2-030596	**Management of Hyperlinks in MMS**	**T-Mobile; Vodafone; Orange; Telefonica**	

Discussion: Miraj stated that PSS SMIL might not bring the functionalities that are wanted in this CR and corresponding SA1 CR.

Long discussion.

It was felt that it would be necessary to liaise with SA4 to ensure that SA4 is aware of SA1 requirement on hyperlink and to ensure that the functional requirements can be fulfilled with PSS5 SMIL.

Conclusion: NOTED. Revised in T2-030632.

LS to SA4 on management on hyperlinks on MMS in T2-030633.

TDoc	Title	Source	Comment
T2-030632	**Management of Hyperlinks in MMS**	**T-Mobile; Vodafone; Orange; Telefonica**	**Revised version of T2-030596**

Discussion: As the stage 2 corresponding CR T2-030632 seemed to be controversial, it was decided not send it attached to the LS.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-030633	LS to SA4 on support of hyperlinks in MMS	T2	

Discussion: LS to be sent to SA4 to make them aware of the SA1 new requirement on hyperlinks. The SA1 CR will be attached to the LS.

As the stage 2 corresponding CR T2-030632 seemed to be controversial, it was decided not send this stage 2 CR attached to the LS.

Conclusion: APPROVED

MM7 interface

TDoc	Title	Source	Comment
T2-030583	CR 23140 REL-6 Addition of missing MM7 Delivery report status codes	Nokia	

Discussion: Minor editorial comments. The same CR on Rel-5 will be produced

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-030635	CR 23140 REL-6 Addition of missing MM7 Delivery report status codes	Nokia	Revised version of T2-030583

Discussion: none

Conclusion: APPROVED

TDoc	Title	Source	Comment
T2-030584	CR 23140 REL-6 MM7 Allow adaptations default value	Nokia	

Discussion: Minor editorial comments.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-030636	**CR 23140 REL-6 MM7 Allow adaptations default value**	**Nokia**	**Revised version of T2-030584**

Discussion: none

Conclusion: <mark>APPROVED</mark>

TDoc	Title	Source	Comment
T2-030585	**CR 23140 REL-6 MMS MM7, Addition of Service Code Element to MM7 Delivery Request.**	**Nokia**	

Discussion: Comverse mentioned that this CR may not be complete and other work shall be performed. Ericsson and Motorola agreed.

Nokia to provide an update of this CR for the next T2 meeting.

Conclusion: NOTED.

TDoc	Title	Source	Comment
T2-030590	**MIB and Extended MM7**	**Telefonica Moviles; T-Mobile; AWS**	

Discussion: Nokia mentioned that the CN5 group is standardising exactly the same kind of functionality with OSA Parlay. Ericsson also questioned the usefulness of duplication of the work since the OSA Parlay model achieves the same kind of functionality.

Juan replied that the work in OSA may not be complete enough to address all the functionalities described in this CR. Furthermore, some operators may think OSA is not suitable.

Needs more work on it.

An LS will be sent to CN5 to inform them about this proposal.

Conclusion: NOTED.

LS to CN5 in T2-030638.

TDoc	Title	Source	Comment

Tdoc	Title	Source	Comment
T2-030638	**LS to CN5 cc SA1, SA2 on " MIB and Extended MM7"**	T2	

Discussion: Some revision made online.

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030591	**Partial Cancellation of Messages through MM7 interface.**	**Telefonica Moviles; Orange; T-Mobile; AWS**	

Discussion: Ericsson mentioned that the life time of the MM before being notified (for cancellation) is very short and therefore it may not be enough time for partial cancellation (that is more complex).

Comverse and Ericsson suggested that this functionality should rather apply to replace transaction rather than cancel transaction (more life time for the MM).

Offline discussions will occur this week to refine the CR. A revised CR may be presented during next T2 meeting.

Conclusion: NOTED.

Tdoc	Title	Source	Comment
T2-030592	**Submission in Stages of MM through MM7**	**Telefonica Moviles; T-Mobile; AWS**	

Discussion: Ericsson questioned the real gain (bandwidth, ???) this CR brings.

Comverse underlined that the "cancel MM" concept may be changed by this CR.

Some more elaboration and clarification work needed for this CR.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030598	**MM7 Delivery Conditions for MMS**	**T-Mobile; Orange**	

Discussion: Comverse claims for same clarification on the use cases: VASP to set conditions based on the fact that the recipient user is a MMS-capable user/ recipient user is not in the HPLMN.

Conclusion: NOTED

VPN

Tdoc	Title	Source	Comment
T2-030600	**Provision of MMS operator specific services**	**T-Mobile**	

Discussion: Vodafone commented that this proposal has also impacts on the MMS UA since this one will have to handle VPN numbering plan.

Josef pointed the fact that the scope of this new requirement may not be part of the existing MMS WID and according to recent SA discussions, it may not be possible to have it in Rel-6.

Ericsson supports the idea of this paper : use the VPN architecture for MMS.

Nokia raised concerns that the consideration of new topics –currently not present in the existing MMS WID- may endanger the current MMS work.

Mathias to check if this topic is covered in the existing WID.

Conclusion: NOTED

MMSC ID

Tdoc	Title	Source	Comment
T2-030593	**MMS Relay/Server Identifier (MM1 Reference Point)**	**Telefonica Moviles; AWS**	

Discussion: Orange supported this CR since it is a way to solve the multiple MMSC configuration.

Vodafone suggested that the problem raised in this CR can be solved by populating an existing field such as e.g. the transacting ID. Ericsson agree

Orange raised the fact that the Transaction ID format standardised in stage 3 may not allow to carry a MMS R/S ID. Comverse said that the specified is 'String' and is very generic and it is not sure it could work.

Ericsson mentioned that this problem will not solve the problem of current handsets already on the market.

Josef proposed that this work could be covered in a additional WID. An analysis of the issue should be conducted to see all the

Conclusion: NOTED

Tdoc	Title	Source	Comment

Tdoc	Title	Source	Comment
T2-030594	MMS Relay/Server Identifier (MM7 Reference Point)	Telefonica Moviles; AWS	

Discussion: Same topic as T2-030594.

Conclusion: NOTED

Application ID

Tdoc	Title	Source	Comment
T2-030601	CR 23.140 Rel-6 Cat B: Application-ID in MMS	Siemens	

Discussion: This CR fulfils JSR-205 and recent SA1 requirements.

Nokia support the general idea of this CR but need to understand more the technical implementation.

Motorola has the same feeling.

After presentation of the 2 CRs below, it was decided to send an LS to JSR-205 to inform them we are working on this topic and that we need the use cases (asked in a LS that was sent to them during last T2 meeting). This LS will finally be incorporated into existing T2-030623.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030597	MM7 Application ID in MMS	T-Mobile; Orange	

Discussion: Same topic as the previous CR, but on the MM7 interface.

This CR is a complement to the Siemens CR

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030627	On the usage of Application ID for MMS	Ericsson	

Discussion: Discussion paper based on both previous CR. Ericsson identify two alternative mechanisms to the one presented in the CRs.

Conclusion: NOTED

MM size

Tdoc	Title	Source	Comment
T2-030622		Motorola	

Discussion: this CR is the result of an action item took by Motorola at the last T2 meeting: clean-up the current definition of MM size.

The definition was slightly changed by considering the recursive computation of MMs.

Vodafone, Ericsson, Nokia, Siemens and Orange disagreed on that change since that was extensively discussed in previous T2 meetings.

Conclusion: NOTED

Additional WIDs.

Tdoc	Title	Source	Comment
T2-030639	WID Rel-6: Handling of private addressing scheme in MMS	T-Mobile	

Discussion: This WID is part of the Rel-6 WID.

Nokia have concerns that this new WID may delay the existing work of MMS Rel-6.

There were no technical objections on this WID.

Huawei was added as supporting company.

Nokia and Motorola would need more time to study the implications of this CR but do not object to this WID.

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030643	WID Rel-6: Multiple MMSC in one MMSE	Telefonica Moviles	

Discussion:

Nokia underlined that one supporting company is missing.

Motorola want to object to this WID as it stands and would like to have it refined, especially in the objective section.

Refinement of this WID is made online. It is made more as an analysis WID to investigate a possible architecture that supports multiple MMS R/S within one MMSE.

Juan to find another supporting company by T2 closing plenary.

<u>**Conclusion**</u>**: NOTED**

<u>**Post Rel-6 issues**</u>.

Tdoc	Title	Source	Comment
T2-030617	**MMS Workshop conclusion**	**3GPP/3GPP2/ OMA workshop**	

<u>**Discussion**</u>**: Needs to identify what's to be done in order to perform the work shift to OMA.**

<u>**Conclusion**</u>**: NOTED**

Annex A – Complete Document List

Colour coding:

PROCESSED COMPLETELY (e.g. approved) - OUTPUT TO T2

PROCESSED COMPLETELY (e.g. noted/approved) – NO OUTPUT TO T2

PENDING / ACTION

ACTIVELY POSTPONED AFTER DISCUSSION

NOT DISCUSSED YET

tdoc #	Subject	Source	Comments
T2-030319	withdrawn	withdrawn	
T2-030391	LS from SA2 on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs	S2-0302634	SWG3 action needed
T2-030550	LS from TSG-T on the use of MMS as a bearer for USAT	TP-030228	for information
T2-030552	LS from CN4 on sending the SGSNs MNC and MCC to the GGSN and service node	N4-031013	for information
T2-030554	LS from SA5 on Routing of MM with multiple addresses	S5-034554	for information
T2-030555	LS reply from SA5 on sending the SGSN's MNC and MCC to the GGSN	S5-034557	for information
T2-030556	LS from GSMA BARG on Routing of MM with multiple addresses	GSMA BARG Doc 006/04	for information
T2-030560	LS from CN4 on identifying MMS Enabled devices and MMS Capabilities of those devices	N4-031351	for action; to be revisited based on SA2 feedback
T2-030561	LS from CN5 on clarifying the CN5 OSA API activities related to MMS	N5-030614	for information
T2-030571	CBS Structure in UMTS	Celltick technologies	resubmission of T2-030478 from T2#22
T2-030572	CR 23.041 rel 99: CB data format	Celltick	resubmission of T2-

3GPP

		Technologies	030483 from T2#22
T2-030573	CR 23.041 rel 4: CB data format	Celltick Technologies	resubmission of T2-030484 from T2#22
T2-030574	CR 23.041 rel 5: CB data format	Celltick Technologies	Approved with sustained objections from Nokia
T2-030575	CR 23.041 rel 6: CB data format	Celltick Technologies	
T2-030578	CR 23140 REL-6: Clarifying the Element of Information 'Linked ID'	Ericsson	revised in T2-030624
T2-030579	CR 23140 REL-6: Cleaning up last references to RFC822	Ericsson	approved in principle; revised in T2-030625
T2-030580	CR 23140 REL-6: Non existing /TYPE=rfc822	Ericsson	approved in principle; revised in T2-030625
T2-030583	CR 23140 REL-6 Addition of missing MM7 Delivery report status codes	NOKIA	revised in T2-030634 for REL-5 and T2-030635 for Rel-6
T2-030584	CR23140 REL-6 MM7 Allow adaptations default value	NOKIA	revised in T2-030636
T2-030585	CR 23140 REL-6 MMS MM7, Addition of Service Code Element to MM7 Delivery Request.	NOKIA	DISCUSSED AGAIN - formerly approved by SWG3 on Tuesday
T2-030586	CR 23140 REL-6: Clariification of DRM support in MMS	Huawei	
T2-030587	CR 23140 REL-6: Correction in MM1-MM4/MM7 header mapping	Huawei,China Mobile	
T2-030590	CR 23140 REL-6: Messaging Integration Broker and 'Extended MM7'	Telefónica Móviles, AWS, T-Mobile	
T2-030591	CR 23140 REL-6: Partial Cancellation	Telefónica Móviles, AWS, Orange, T-Mobile	revised in T2-030637
T2-030592	CR 23140 REL-6: Submission in Stages	Telefónica Móviles, AWS, T-Mobile	
T2-030593	CR 23140 REL-6: MMS Relay/Server Identifier (MM1 Reference Point)	Telefónica Móviles, AWS	suggestion: new WID
T2-030594	CR 23140 REL-6: MMS Relay/Server Identifier (MM7 Reference Point)	Telefónica Móviles, AWS	suggestion: new WID
T2-030595	CR 23.140 Rel-6 Conditional delivery mechanism for MMS	Orange, Telefonica Moviles, T-Mobile	revised in T2-030629
T2-030596	CR 23140 REL-6: Management of Hyperlinks in MMS	T-Mobile,	revised in T2-030632

		Vodafone	
T2-030597	CR 23140 REL-6: MM7 Application ID in MMS	T-Mobile	
T2-030598	CR 23140 REL-6: MM7 Delivery Conditions for MMS	T-Mobile, Orange	
T2-030599	CR 23140 REL-6: MM4 addressing	T-Mobile	revised in T2-030631
T2-030600	Provision of MMS operator specific services	T-Mobile	suggestion: new WID
T2-030601	CR 23.140 Rel-6 Cat B: Application-ID in MMS	Siemens	
T2-030602	SWG3 Agenda at T2#23	SWG3 chairman	revised in T2-030620
T2-030604	CR 23.140 Rel-6 Automatic and Manual Retrieval Modes	Motorola	revised in T2-030630
T2-030605	CR 23.140 Rel-6 Retrieval Response from MMS UA	Motorola	
T2-030606	LS from SA1 on MMS targeting UE elements	S1-031285	reply-LS in T2-030623
T2-030607	LS from SA1 on high bandwidth communication capability for USAT	S1-031286	for action
T2-030609	LS from SA1 on CBDD to the USAT in UMTS	S1-031340	for action
T2-030610	LS from OMA Download+DRM group on DRM 1.0 support in MMS Rel6	OMA-BAC-DLDRM-2003-0244-liaison-to-3GPP-T2	for information
T2-030611	CR 23140 REL-6: multiple recipient addresses on MM4	T-Mobile	
T2-030612	CR 23.140 Rel-6: clarification on recipient list	T-Mobile	
T2-030613	CR 32.235 Rel-6: correction of MMS CDRs (for information)	T-Mobile	
T2-030614	MMS stage 1 CRs from TSG-SA#21	T2 secretary	
T2-030617	MMS Workshop Conclusions, 3GPP/3GPP2/OMA MMS workshop 7th November, London	3GPP/3GPP2/OMA MMS workshop	dealt with during OP
T2-030620	SWG3 Agenda at T2#23	SWG3 chairman	revised T2-030602; revised in T2-030622
T2-030621	CR 23.140 Rel-6 Message Size	Motorola	
T2-030622	SWG3 Agenda at T2#23	SWG3 chairman	revised T2-030620
T2-030623	reply-LS to SA1, OMA-MMSG, JSR-205 on T2's assumptions regarding MMS targeting UE elements	Comverse	reply-LS to T2-030606; based on discussions on the T2 CRs
T2-030624	CR 23140 REL-6: Clarifying the Element of Information 'Linked ID'	Ericsson	revised T2-030578
T2-030625	CR 23140 REL-6: Non existing /TYPE=rfc822 and cleaning up last references to RFC822	Ericsson	combined revisions of T2-030579 and

			T2-030580
T2-030626	CR 23140 REL-6: Identify OMA MMS as MM1 stage 3	Ericsson	
T2-030627	CR 23140 REL-6: On the usage of Application ID for MMS	Ericsson	
T2-030628	CR 23140 REL-5: Correcting references to ENUM and HLR	Ericsson	revised in T2-030642
T2-030629	CR 23.140 Rel-6 Conditional delivery mechanism for MMS	Orange, Telefonica Moviles, T-Mobile, Vodafone	revised T2-030595
T2-030630	CR 23.140 Rel-6 Automatic and Manual Retrieval Modes	Motorola	revised T2-030604
T2-030631	CR 23140 REL-6: MM4 addressing	T-Mobile	revised T2-030599
T2-030632	CR 23140 REL-6: Management of Hyperlinks in MMS	T-Mobile, Vodafone	revised T2-030596
T2-030633	LS to SA4 on Management of Hyperlinks in MMS	3	
T2-030634	CR 23140 REL-5 Addition of missing MM7 Delivery report status codes	NOKIA	revised T2-030583 for REL-5
T2-030635	CR 23140 REL-6 Addition of missing MM7 Delivery report status codes	NOKIA	revised T2-030583 for REL-6
T2-030636	CR23140 REL-6 MM7 Allow adaptations default value	NOKIA	revised T2-030584
T2-030637	withdrawn	withdrawn	
T2-030638	LS to CN5 cc SA1, SA2 on Messaging Integration Broker and 'Extended MM7'	Telefónica Móviles	
T2-030639	WID: Handling of private addressing schemes in MMS	T-Mobile	
T2-030640	withdrawn	withdrawn	
T2-030641	LS to T3 on CBDD	3	
T2-030642	CR 23140 REL-5: Correcting references to ENUM and HLR	Ericsson	revised T2-03028
T2-030643	WID: Multiple MMS Relay/Servers in one MMSE	Telefónica Móviles	revised in T2-030645
T2-030644	Report of SWG3 at T2#23	SWG3 chairman	
T2-030645	WID: Multiple MMS Relay/Servers in one MMSE	Telefónica Móviles	revised T2-030643
T2-030646	not used	not used	
T2-030647	not used	not used	
T2-030648	not used	not used	
T2-030649	not used	not used	

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