Draft T2#24 Report V 0.3

3rd Generation Partnership Project (3GPP);
Technical Specification Group Terminals (TSG-T);
Working Group 2 Mobile Terminal Services and Capabilities;
Draft Meeting Report
T2#24
Malaga, Spain, 16-20 February 2004

Contents

Chairman: Ian HARRIS (RIM)

Secretary: Friedhelm RODERMUND (MCC)

1   Opening Plenary

1.1   Opening of the meeting

T2 chairman Ian HARRIS (RIM) opened the meeting. T2 vice-chairman Paul VOSKAR (Nokia) welcomed the delegates to Malaga on behalf of the European Friends of 3GPP and gave some information about the meeting arrangements. Furthermore, T2 expressed their best birthday wishes to Josef LAUMEN!

1.2   Approval of the agenda and schedule

The agenda and schedule was presented in **T2-040002** and agreed.

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   Resignation of SWG2 chairman

Prem SOOD (Sharp) announced his intention to resign from the SWG2 chairmanship after this SWG2 meeting. This is due to changed responsibilities within his company. However, Prem will remain active in 3GPP. The T2 chairman expressed thanks to Prem on behalf of T2 for all his excellent work carried out during his years in T2.

Delegates interested in the SWG2 chairman position are invited to contact the T2 chairman.

1.5   Report of the last T2 meeting

The report of T2#23 Dallas, USA, 17-21 November 2003 (**T2-040001**) was approved.

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

ftp://www.3gpp.org/TSG_T/WG2_Capability/TSGT2_23/Report

1.6   Reports from other groups

1.6.1   Report from TSG T

A summary of issues of T2 interest from the T#22 meeting held in Maui, Hawaii, USA, 8 – 10 December 2003 was presented by Friedhelm RODERMUND in **T2-040006**:

-      Paul VOSKAR (Nokia) expressed doubts whether the WID on private addressing schemes for MMS can be really considered as approved since strong concerns were expressed that this WID would have to be reviewed by SA1 if it fits into the Rel-6 timeframe. It was reported that at the recent SA1 meeting work took place on the related service requirements and a CR was agreed.

The report was noted.

The draft TSG-T#22 meeting report can be found in **T2-040007**.

The documents can be found on the 3GPP server at:

ftp://ftp.3gpp.org/TSG_T/TSG_T/TSGT_22

The specifications updated after T#22 can be found at:

ftp://www.3gpp.org/Specs/2003_12

1.6.2   Report from TSG SA

A summary of issues of T2 interest from SA#22 meeting held Maui, Hawaii, USA, 13 – 16 December 2003 was presented by Friedhelm RODERMUND in **T2-040006**:

The report was noted.

The draft TSG-SA#22 meeting report can be found in **T2-040008**.

The documents can be found on the 3GPP server at:

ftp://ftp.3gpp.org/TSG_SA/TSG_SA/TSGS_22

1.6.3   Report from TSG T2 SWG2

No SWG2 meeting took place since the last T2 meeting.

1.6.4   Report from TSG T2 SWG3#12

Michael ROEBKE (T-Mobile) reported from the SWG3 #12 meeting which was held 21-22 January in Sophia Antipolis. The meeting scope was limited to the work item Handling of Private Addressing Schemes. The report can be found in **T2-040084**. A draft CR on private addressing was agreed as basis for the input to this T2 Meeting (**T2-040068**).

1.6.5   CN4

Prem SOOD reminded delegates that CN4 is working on the stage 2 GUP network specification TS 29.240.

1.6.6   SCP

T3 chairman Nigel BARNES (Motorola) reported from the Smart Card Platform (SCP) meeting on the third form factor (3FF) for smart cards. 3FF was approved by SCP and endorsed by T3.

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_24_Malaga/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:

T2-040018 contains an LS from T3 cc T2 on Clarification of the USSD message transfer to SIM/USIM requirement. The LS was noted without presentation.

T2-040027 contains an LS from SA1 on USSD message transfer to USIM requirement. The LS was noted without presentation.

1.9   3GPP Work Plan

The latest version of the 3GPP work plan was available in **T2-040009**. 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 at this meeting and Friedhelm RODERMUND announced to consult with the SWG chairs and work item rapporteurs for creating the update.

T2-040004 contains the list of TSs and TRs for which T2 is responsible showing the latest versions of these specifications. It was noted that rapporteurs are missing for several specifications. The SWG chairman will go through the list together with the T2 secretary to update the rapporteurship information. The document was noted.

T2-040011 contains TR 21.900 3GPP working methods. It was briefly presented by the T2 secretary to remind delegates about this document. The document was noted.

T2-040012 contains TR 21.801 3GPP drafting rules. It was briefly presented by the T2 secretary to remind delegates about this document. The document was noted.

1.10 AOB

T2 chairman presented **T2-040031** which intended to kick off some discussion about the future structure of T2. The document shows also the specifications under T2's responsibility and indicates which specifications are still active in the current release.

-    A discussion took place on the future work left after the finalization of Rel-6 and after a potential transfer of bearer agnostic MMS aspects to OMA (still subject to IPR, copyright and other issues to be solved).

-    Several companies supported the idea of restructuring T2. However, NTT DoCoMo stated they still see a need for a group dealing with terminal aspects.

-       It was reported that in terms of completion of the SWG2's GUP work, TS 23.241 GUP stage 2 is close to completion and is supposed to be submitted for approval to TSG-T in March. TS 23.241 is expected to get into maintenance mode after completion in Rel-6. The situation regarding TS 24.241 stage 3 is more unclear since there is still some outstanding work.

-       Regarding GUP, it could make sense to move most of the work to SA2 and some aspects to CN4. Another option would be to have the GUP rapporteur Kurt BISCHINGER (T-Mobile) coordinating any upcoming work.

-       It was reminded that there will always be MMS bearer specific work to be done in 3GPP. According to the 23.140 rapporteurs estimation it seems to be only a small part of TS 23.140 is related to bearer specific aspects. These aspects have almost no terminal impact.

-       For 27.007 updates like additions of AT commands are coming up from time to time. At this T2 meeting there were some proposals for additional AT commands and more input is announced in the area AT commands for MMS. All other SWG2 specs are more or less in maintenance mode. In SWG3, 23.140 MMS stage2/3 is the most active spec. The SMS/CBS specification are mainly in maintenance mode but some issues to be addressed arise at almost every meeting.

-       One possible model for the future could be the "rapporteur model" like it is currently done in SWG1 with Lars BRENK as the MExE rapporteur. A rapporteur could be the focus person of any issues coming up. Discussions about any issues arising could then take place on emails lists and CRs could be submitted to TSG-T after email agreement has been reached.

-       One proposal was made to use the TSG-T list for discussing these remaining technical issues. Any CRs coming up on SMS etc. should be distributed to the TSG-T list one month in advance a TSG-T meeting at the latest. However, concerns were expressed to use the TSG-T list for detailed technical discussions. Another possibility would be to keep T2 virtually alive and have meetings only if the need arises.

-       Another suggestion made at TSG-T level was to have a technical meeting prior to TSG-T and report directly into TSG-T. Concerns were expressed that this construction would not allow the time needed for checking within companies between CR agreement at WG level and presentation at TSG-T for approval.

The document was noted. The T2 chairman will create a document to summarize the discussions and describe possible alternatives of future work organization. TSG-T will be informed about T2's discussion. (See closing plenary document **T2-040158**).

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#24 meeting are reported in the following clauses.

3   Closing Plenary

3.1   Results SWG2 Terminal Interfaces and Capabilities

The SWG2 report in **T2-040023** 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, AT commands. There is no Rapporteur for TS 27.007/07.07. The SWG2 Chair solicited volunteers for the rapporteur position. Presentations on the status of work for Generic User Profiles were discussed. A number of incoming LS's and docs were reviewed. SWG2 reviewed the TS 23.241 and concluded that it is well over 80% complete. The question was raised regarding the status of TS 24.241. Depending on the progress at T2#25, it might be presented for information to TSG-T in June and for approval in September.

3.2.1 Change requests

None.

3.2.2 Outgoing Liaison Statements

T2-040100 contains an LS to CN4, SA2, SA5, CN5 cc TSG-T, TSG-CN on latest version of TS 23.241 and proposed work assignments. T2 requests CN4 group to kindly consider and respond to 4 proposals made in the LS. T2 proposes that these be discussed in the Joint meeting CN4-T2SWG2 April 21st. The Release information was missing on the LS. The LS was agreed.

T2-040107 contains an LS to T3 on introduction of logical channel mechanism within AT commands. T2 asks T3 to review the attached CR and provide feedback to T2 as soon as possible. Nigel will try to trigger some timely feedback from T3 delegates. The LS was agreed.

3.2.3 Other documents

T2-040109 contains TS 23.241 v1.1.1 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. Prem will create a cover sheet for presentation to TSG-T and forward this to Friedhelm.

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

3.2 Results SWG3 Messaging

The report of SWG3 was presented in **T2-040138** by Josef LAUMEN (Siemens). It can be found in Annex E.

The SWG3 sessions at T2#24 were attended by 23 delegates. 79 tdocs were processed, among these 19 incoming LSs. Paolo DITRIA gave up all his rapporteurships.

Substantial contributions addressing the private addressing issue were discussed. A proposal to introduce a new MM10 reference point to a Messaging Service Control Function was debated but could not yet be concluded. Further work is anticipated.

A first draft for a technical report and a MM7 CR on multiple Relay/Server support in one MMSE was received. SWG3 concluded on the draft technical report that no changes to TS 23.140 were needed. As such, the MM7 CR was not accepted since the need for the proposed change could not be identified. This work item is interpreted to be currently 5% complete. If there is no significant progress in the near future nore contributions to T2#25, this WID will be withdrawn at T2#25 in Edinburgh.

A CR was provided to fulfil a request from SA2 to provide for SIP addressing in MMS. Some companies expressed that the would not sufficiently accommodate for the deferred mode of IMS messaging. Some more analysis is needed. Nokia volunteered to provide an analysis to interested parties in the near future, additionally to T2#25 in April.

Contributions with a proposal to improve MMS charging transparency to the end user were discussed. Some companies found the proposed approach cumbersome. Further work is anticipated.

3.2.1 Change requests

T2-040054 contains a CR 23.140 Rel 6 on the handling of MM7 messages composed with different XML schema. An entity (e.g., VASP) receiving an MM7 message from a higher XML schema version than it supports should handle the message according to its known functional level. An entity (e.g., VASP) receiving an MM7 message from a lower XML schema version than it supports should handle it per the receiver's schema version. The CR was agreed.

T2-040096 contains a CR 23.140 Rel-5 correcting the MM7 Schema. "TimeStamp" is changed back to "Date" again in order to allow backwards compatibly within Release 5, and forwards compatiblilty with Release 6. The T2 secretary explained the importance of using comprehensive titles for CRs. Several changes were made to the cover sheet (affected network element, correction of title, correction of date format –important because automaitc parsing tools are used on cover sheets). The CR was revised to **T2-040140** and agreed. *Note after the meeting: An error was found in T2-040140 shortly after the meeting. The corrected CR was put on e-approval in* **T2-040144**.

T2-040124 contains the corresponding Rel-6 version of the CR correcting the MM7 Schema. The CR was revised to **T2-040141** and agreed.

T2-040125 contains a CR to 23.140 on MM7 Charged party, third party value. In stage 2 MM7_submit.REQ information element "Charged Party" it is possible to indicate which party is paying for the message. However the value "third party" is currently missing from the enumerated types in the stage 3 Schema. The CR was revised correcting the summary of change to **T2-040142** and agreed.

T2-040128 contains a CR to 23.140 Rel-6 on MMS Online Charging. By this CR, the charging reference is adapted, additional text is added for the MMS offline charging interface and the MMS online charging interfaced introduced as MM9. The CR was agreed.

T2-040129 contains a CR to 23.140 doing updates to Annex M (Delivery Report Generation). The date format has to be corrected. The CR was agreed.

T2-040130 contains a CR to 23.140 Rel-6 clarifying the content of the RCPT field in MM4. It describes that every SMTP (MM4_Forward.REQ) contains a single recipient in RCPT To:. T-Mobile expressed that they also support the CR as a source in addition to Ericsson, Orange, Vodafone. The date format has to be corrected. The CR was agreed.

T2-040132 contains a CR to 23.140 Rel-6 on Management of Hyperlinks in MMS. This CR introduces a description on the Support of Hyperlinks in MMS. The CR was agreed.

T2-040135 contains a CR to 23.140 Rel-6 on the clarification on recipient list. Addition of a new Recipient address for routing Information Element in the MM4_forward.REQ abstract message definition; addition of a definition how this IE is signalled. The Recipient address for routing Information Element of the MM4_forward.REQ is not specified with an STD 11 header. It is only indicated in the SMTP command layer (RCPT TO:). A discussion took place whether table 1 needs a correction adding the new IE. This was agreed. Small corrections were made to the CR cover sheet. The CR was revised to **T2-040143** and agreed (change header table->text). *Note after the meeting: An error was found in T2-040143 shortly after the meeting. The corrected CR was put on e-approval in* **T2-040145**.

Please find below some more background information on this CR:

The CR introduces a new Information Element "Recipient address for routing" to the MM4_forward.REQ. This new IE is only introduced on the purely logical stage 2 level.This new IE is NOT implemented with a new header field on stage 3 (SDT 11) level. The stage 3 implementation is already realised today - since the existing SMTP "RCPT TO:" already only carries that one address which is actually used to route that particular MM4_forward.REQ. The "weird" issue in the CR is that in the mapping tables I.1 and K.1 a "NOTE 3" is added but there's no row in the table from which this note is refered to. Reason being that these tables map stage 2 level information elements of a message on one interface to a stage 3 (!) level SDT header of a corresponding message on a different interface. Now on the first interface the info element does not exist at all; on the second it does exist - but is not implemented with a STD 11 header (see above). The alternative to this approach would have been to add a new line to the table which has a "-" in the left column and a "-" in the right column; i.e. mapping nothing onto nothing.

T2-040063 contains a CR 23.040 Rel-5 on correction of error message for MAP_ForwardShortMessage. The CR aligns MAP_ForwardShortMessage error messages with TS29.002. The CR was agreed as category F. **T2-040064** contains the corresponding CR to Rel-6. The CR was agreed.

T2-040123 contains a CR 23.040 Rel-6 on Procedure for confirming the existence of an SMS interworking agreement. The SMS-IWMSC/GMSC uses the IMSI which is retrieved by an extra invkement of SRI_for_SM to check whether the operator to which the terminated UE subscribes has an SMS interworking agreement. The CR was agreed.

3.2.2   Outgoing Liaison Statements

T2-040119 contains an LS to GSMA SERG, 3GPP SA1 on MMS Prepay Service Requirements. T2 informs SA1 and SERG that the realisation of the specific error indication can – with the existing means – use text that can be freely formatted by the network. The LS was agreed.

T2-040122 contains an LS to T3 cc OMA MWG MMSG on storage of Multimedia Messages on the USIM. With this LS T2 provides feedback on T3's questions regarding the storage of Multimedia Messages and objects of any content type on the USIM. The comment fields have to be removed. The LS was agreed.

T2-040137 is an LS to various involved groups within 3GPP(2) and OMA and it comes along with two contributions attached. The LS intends to start a discussion and the socialisation of ideas between these groups. It therefore
a.) provide an initial identification of network dependencies in 23.140 v.6.4.0 (T2-040085), and
b.) lists some initial questions on issues which might need to be resolved for a successful transfer of MMS into OMA after completion of REL-6 (T2-040136).
(Note: all the above subject to IPR / legal issues being resolved by groups other than T2)
The LS was agreed.

3.2.3   Other documents

None.

4   Future meeting schedule

T2-040010 was presented which contains the lists of future T2 meetings. Please find the future meeting dates also below:

Meeting	Date	Location	Host
T#23	10 - 12 Mar 2004	Phoenix, US	North American Friends of 3GPP
Joint T2 SWG2 / CN4	April 21, 2004	Edinburgh, co-located with T2	European Friends of 3GPP
T2#25	19 - 23 April 2004	Edinburgh	European Friends of 3GPP
T#24	2 - 4 Jun 2004	Korea	
T2#26	23 – 27 Aug 2004	Montreal, Canada	North American Friends of 3GPP
T#25	8 - 10 Sep 2004	Palm Springs, US	
T2#27	8-12 Nov 2004		host needed
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 **T2-040005**.
Companies are invited to consider hosting future T2 meetings.

5   Any Other Business

T2-040156 contains an LS to TSG-T on the impact on T2 of transferring MMS stage 2 bearer agnostic work to OMA after MMS REL-6.

-          During the discussion, some changes were made to the document.
-          The T2 chairman will highlight to TSG-T that several aspects of the proposal apply only if the transfer of MMS non-network specific work to OMA goes ahead.

3GPP

The LS was revised to **T2-040158** and agreed.

It was noted that the SWG3 chairman Josef LAUMEN has changed companies. Nobody expressed concerns that he continues within this role and his assignment was therefore reconfirmed.

Thanks were expressed again to the outgoing SWG2 chairman Prem SOOD for the excellent work he has done during his terms of office.

6   Close of the Meeting

T2 chairman Ian HARRIS thanked all delegates and the subgroup chairmen for their contributions and work at this meeting. He thanked the European Friends of 3GPP for hosting the meeting and for providing the excellent facilities. He also expressed his thanks to the T2 secretary. Special thanks were expressed to Nigel who kindly provided refreshments to chairman and secretary during the closing plenary. The chairman closed the meeting at 18.40 on Thursday.

Annex A List of all temporary documents

TDOC	Subject	Source	SWG
T2-040001	Draft Meeting Report T2#23, Dallas, 17-21 Nov 2003	TB Officer	OP
T2-040002	Draft Agenda T2#24, Malaga	WG Chairman	OP
T2-040003	withdrawn	WG Chairman	OP
T2-040004	T2 specs status list	TB Officer	OP
T2-040005	3GPP meeting calendar	TB Officer	CP
T2-040006	Summary of T#22 and SA#22 issues of T2 interest	TB Officer	OP
T2-040007	Draft Report of TSG-T meeting #22, Maui	TB Officer	OP
T2-040008	Draft Report of TSG SA meeting #22, Maui	TB Officer	OP
T2-040009	3GPP work plan	TB Officer	OP
T2-040010	T2 future meetings (will be produced after the end of the SWG sessions)	TB Officer	OP
T2-040011	TR 21.900 3GPP working methods	TB Officer	OP
T2-040012	TR 21.801 3GPP drafting rules	TB Officer	OP
T2-040013	LS from GSMA SERG to SA1 cc T2 on MMS Error messages for Prepay (received 08 December 2003)	SerG Doc 244_03 Rev 1	SWG3
T2-040014	LS from SA4 on support of hyperlinks in MMS	S4-030841	SWG3
T2-040015	LS from SA2 on high bandwidth communication capability for USAT	S2-034364 S2-034364	SWG3
T2-040016	LS from SA2 on Hierarchical Structure in GUP Specs	S2-034372	SWG2
T2-040017	LS from T3 on MMS as a Bearer for USAT	T3-030928	SWG3
T2-040018	LS from T3 cc T2 on Clarification of the USSD message transfer to SIM/USIM requirement	T3-030929	OP
T2-040019	LS from TSG-T: Reply to various LS's on MMS as a Bearer for USAT	TP-030297	SWG3
T2-040020	LS from TSG-T on MMS WID MM4 Private addressing	TP-030310 TP-030310	SWG3
T2-040021	TS 23.241 V1.0.1	Rapporteur	SWG2
T2-040022	T2SWG2#24 MALAGA Agenda	SWG2 Chair	SWG2
T2-040023	T2SWG2#24 Malaga Meeting Report	SWG2 Chair	SWG2
T2-040024	LS from RAN3 on mismatch of the IE type in 25.419, 23.041 and 25.324	R3-040156	SWG3
T2-040025	LS from SA2 on identifying MMS Enabled devices and MMS Capabilities of those devices	S2-040364	SWG3
T2-040026	LS from SA2 on MMS WID MM4 Private addressing	S2-040470	SWG3
T2-040027	LS from SA1 on USSD message transfer to USIM requirement	S1-040105	OP
T2-040028	LS from SA1 on MMS targeting UE elements	S1-040188	SWG3
T2-040029	LS from SA1 on MMS Prepay Service Requirements	S1-040189	SWG3
T2-040030	LS from 3GPP2 TSG-C WG1 SWG1.4 concerning harmonization of MMS provisioning files between 3GPP & 3GPP2	TSGC-xxxx	SWG3
T2-040031	future structure of T2	TB Chairman	OP
T2-040032	Agenda SWG3 at T2#24	Infineon	SWG3
T2-040033	Proposed changes to 23.241v101	Sharp	SWG2
T2-040034	Proposed changes to 24.241v050	Sharp	SWG2
T2-040035	CR 23.140 REL-6 MMS Online Charging	Siemens	SWG3
T2-040036	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value	Nokia	SWG3
T2-040037	Updates TS23.241 clauses 3-7	T-Mobile	SWG2
T2-040038	Removal of PCG in UML diagrams TS 23.241 V1.0.1	T-Mobile	SWG2
T2-040039	Deletion of storage in TS 23.241 V1.0.1	T-Mobile	SWG2
T2-040040	Removal of PCG in clause 8, TS 23.241 V1.0.1	T-Mobile	SWG2
T2-040041	withdrawn		
T2-040042	LS from SA1 on MMS as a Bearer for USAT	S1-040255	SWG3
T2-040043	withdrawn		
T2-040044	Update of Properties in TS 23.241 V1.0.1	T-Mobile	SWG2
T2-040045	LS from OMA MAG PUSH on Push over SIP	OMA-MAG-PUSH-2003-	SWG3

			0022	
T2-040046	Profile Update TS 23.241 V1.0.1	T-Mobile		SWG2
T2-040047	Private address use case	Huawei		SWG3
T2-040048	Sending a MM with subscriber specific schema	Huawei		SWG3
T2-040049	PCCA Query on connection type UMTS-GPRS in 27.007	SWG2 Chairman		SWG2
T2-040050	LS to SA2 on MMS for Deferred Mode IMS Messaging.	Ericsson		SWG3
T2-040051	withdrawn			
T2-040052	CR 23.140 Rel 6: Support of the SIP URL as a valid MMS address.	Ericsson		SWG3
T2-040053	CR 23.140 Rel 5: Correction of the MM7 Schema, for 'date'	Ericsson		SWG3
T2-040054	CR 23.140 Rel 6: On the handling of MM7 messages composed with different XML schema	Orange, Ericsson		SWG3
T2-040055	CR 23.140 Rel 6: Content of RCPT in MM4	Ericsson		SWG3
T2-040056	Refreshed Content	Motorola		SWG3
T2-040057	Support of logical channels in AT commands	Axalto		SWG2
T2-040058	Support of logical channels in AT commands in Rel-4	axalto		SWG2
T2-040059	Support of logical channels in AT commands in Rel-5	axalto		SWG2
T2-040060	CR 23.040 Rel-6 Confirm SMS Interworking Agreement	NTT DoCoMo		SWG3
T2-040061	CR 23.040 Rel 99 Error Message Correction	NTT DoCoMo Inc		SWG3
T2-040062	CR 23.040 Rel4 Error Message Correction	NTT DoCoMo Inc		SWG3
T2-040063	CR 23.040 Rel5 Error Message Correction	NTT DoCoMo Inc		SWG3
T2-040064	CR 23.040 Rel6 Error Message Correction	NTT DoCoMo Inc		SWG3
T2-040065	Update of namespace definition TS 23.241	T-Mobile		SWG2
T2-040066	Namespace Changes in clause 8 TS 23.241	T-Mobile		SWG2
T2-040067	LS from GSMA IREG on issue for checking an SMS interworking agreement with mobile number portability	IREG Doc 46_052 Rev 1		SWG3
T2-040068	Support of Messaging Service Control Function	T-Mobile		SWG3
T2-040069	MMx Interface based on Diameter protocol	T-Mobile		SWG3
T2-040070	Terminal detection based on IMEI (status report)	T-Mobile		SWG3
T2-040071	Use cases on 'MM7 delivery conditions for MMS'	T-Mobile		SWG3
T2-040072	MM7 delivery conditions for MMS	T-Mobile, Orange		SWG3
T2-040073	Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone		SWG3
T2-040074	CR 23.140 R6: Updates to Annex M (Delivery Report Generation)	Ericsson		SWG3
T2-040075	Clarification on recipients list	T-Mobile		SWG3
T2-040076	JavaTM Multipart Messaging Use Cases	JSR 205 Expert Group		SWG3
T2-040077	CR 23.140 Rel-6: Application-ID in MMS	Java Community, JSR-205 Expert Group		SWG3
T2-040078	application addressing in MMS - a proposal for a finer granularity	Siemens + Infineon		SWG3
T2-040079	Application-Data in MMS Ericsson	Ericsson		SWG3
T2-040080	CR 23.140 Rel-6: MMS Relay/Server Identifier (MM7 Reference Point)	Telefonica		SWG3
T2-040081	draft TR Multiple MMS Relay/Server Architecture	Telefonica		SWG3
T2-040082	MMS stage 1 CRs approved by SA#22	TB Officer		SWG3
T2-040083	MMS stage 1 CRs agreed by SA1#23	TB Officer		SWG3
T2-040084	Report of SWG3#12, Sophia Antipolis, France, 21-22 January 2004	SWG3#12 Chair		SWG3
T2-040085	Identify network dependencies in 23140-640	Infineon, Siemens		SWG3
T2-040086	Proposed Solution for the MNP and SMS Interworking Issue Identified by GSM-A	NTT DoCoMo Inc.		SWG3

T2-040087	draft TR Multiple MMS Relay/Server Architecture	Telefonica	SWG3
T2-040088	CR 23.140 Rel-6: MM4 Multiple recipients	Nokia	SWG3
T2-040089	CR 27.007 Rel-4: Support of logical channels in AT commands	Axalto	SWG2
T2-040090	CR 27.007 Rel-5: Support of logical channels in AT commands	Axalto	SWG2
T2-040091	CR 27.007 Rel-6: Support of logical channels in AT commands	Axalto	SWG2
T2-040092	LS from T3 on high bandwidth communication capability for USAT	T3-040083	SWG3
T2-040093	LS from T3 on the storage of URL bookmarks on USIM/ISIM	T3-040098	SWG3
T2-040094	LS from T3 on Storage of Multimedia Messages on the USIM	T3-040161	SWG3
T2-040095	CR 23.140 Rel 6; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	SWG3
T2-040096	CR 23.140 Rel 5; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	SWG3
T2-040097	Update of 39, Deletion of storage in TS 23.241 V1.0.1	T-Mobile	SWG2
T2-040098	Update of 40, Removal of PCG in clause 8, TS 23.241 V1.0.1	T-Mobile	SWG2
T2-040099	Update of 44, Properties in TS 23.241 V1.0.1	SWG	SWG2
T2-040100	LS to CN4, SA2, SA5, CN5 cc TSG-T, TSG-CN on latest version of TS 23.241 and proposed work assignments	SWG Chair	SWG2
T2-040101	Update of 46 - Profile Update TS 23.241 V1.0.1	SWG	SWG2
T2-040102	Update of 65 - Update of namespace definition TS 23.241	T-Mobile	SWG2
T2-040103	Update of 66 - Namespace Changes in clause 8 TS 23.241	T-Mobile	SWG2
T2-040104	Updates to 23.241 2nd set	Sharp	SWG2
T2-040105	TS23.241 v1.1.0	Rapporteur	SWG2
T2-040106	Update of 91 - Support of logical channels in AT commands in Rel-6	Axalto	SWG2
T2-040107	LS to T3 on introduction of logical channel mechanism within AT commands	Axalto	SWG2
T2-040108	Updates to 23.241 v1.1.0	TeliaSonera	SWG2
T2-040109	TS23.241 v1.1.1	Rapporteur	SWG2
T2-040110	not used		SWG2
T2-040111	not used		SWG2
T2-040112	not used		SWG2
T2-040113	not used		SWG2
T2-040114	not used		SWG2
T2-040115	not used		SWG2
T2-040116	CR 23.140 REL-6 on charging transparency	T-Mobile	SWG3
T2-040117	CR 23.140 REL-6 on charging transparency	T-Mobile	SWG3
T2-040118	Mail thread to SWG3 and status of SA#19 on Terminal Detection Based on IMEI	Infineon	SWG3
T2-040119	LS to GSMA SERG, 3GPP SA1 on MMS Prepay Service Requirements	T-Mobile	SWG3
T2-040120	Comments on T2-040073	Nokia	SWG3
T2-040121	withdrawn		SWG3
T2-040122	LS to T3, cc OMA MWG MMSG on Storage of Multimedia Messages on the USIM	Infineon	SWG3
T2-040123	CR 23.040 Rel-6 Confirm SMS Interworking Agreement	NTT DoCoMo	SWG3
T2-040124	CR 23.140 Rel 6; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	SWG3
T2-040125	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value	Nokia	SWG3
T2-040126	Messaging Service Control Function	T-Mobile	SWG3
T2-040127	Terminal detection based on IMEI (status report)	T-Mobile	SWG3
T2-040128	CR 23.140 REL-6 MMS Online Charging	Siemens, Infineon	SWG3
T2-040129	CR 23.140 R6: Updates to Annex M (Delivery Report Generation)	Ericsson	SWG3
T2-040130	CR 23.140 Rel 6: Content of RCPT in MM4	Ericsson	SWG3
T2-040131	CR 23.140 REL-6 Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	SWG3
T2-040132	CR 23.140 REL-6 Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	SWG3
T2-040133	CR 23140 REL-6 Application-Data in MMS Ericsson	Siemens, Infineon	SWG3

T2-040134	withdrawn		SWG3
T2-040135	Clarification on recipients list	T-Mobile, Ericsson	SWG3
T2-040136	MMS transfer to OMA	Infineon	SWG3
T2-040137	LS to OMA-MWG-MMSG, 3GPP2-X cc T, SA, SA1, SA4, SA5, OMA-MWG, OMA-TP on MMS transfer to OMA	Infineon	SWG3
T2-040138	report SWG3 at T2#24		SWG3
T2-040139	Identify network dependencies in 23140-640	Infineon, Siemens	SWG3
T2-040140	CR 23.140 Rel 5; Correction of the MM7 Schema, for "date" (revised T2-040096)		SWG3
T2-040141	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value (revised T2-040124)		SWG3
T2-040142	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value (revised T2-040125)		SWG3
T2-040143	CR 23.140 Rel-6: Clarification on recipient list (revised T2-040135)	T-Mobile, Ericsson	SWG3
T2-040144	CR 23.140 Rel 5; Correction of the MM7 Schema, change "TimeStamp" to "date" (revised T2-040140)	Ericsson	SWG3
T2-040145	CR 23.140 Rel-6: Clarification on recipient list (revised T2-040143)	T-Mobile, Ericsson	SWG3
T2-040146	not used		SWG3
T2-040147	not used		SWG3
T2-040148	not used		SWG3
T2-040149	not used		SWG3
T2-040150	not used		SWG3
T2-040151	not used		SWG3
T2-040152	not used		SWG3
T2-040153	not used		SWG3
T2-040154	not used		SWG3
T2-040155	not used		SWG3
T2-040156	LS to TSG-T on the impact on T2 of transferring MMS stage 2 bearer agnostic work to OMA after MMS REL-6	T2 chairman	CP
T2-040157	LS from CN5 on Extended MM7 and Messaging Integration Broker	N5-040107	SWG3
T2-040158	LS to TSG-T on the impact on T2 of transferring MMS stage 2 bearer agnostic work to OMA after MMS REL-6 (revised T2-040156)	T2 chairman	CP

Annex B Outgoing Documents

B.1   Change Requests submitted to TSG-T#23

The following CRs will be submitted to TSG-T#23 for approval:

"MMS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	Doc-2nd-Level	Workitem	Remarks
23.140	149	-	Rel-6	On the handling of MM7 messages composed with different XML schema	F	6.4.0	6.5.0	T2-040054	MMS6	
23.140	150	-	Rel-5	Correction of the MM7 Schema, change "TimeStamp" to "date"	F	5.9.0	5.10.0	T2-040144	MESS5-MMS	on T2 e-approval (23 Feb – 8 Mar 2004)
23.140	151	-	Rel-6	Correction of the MM7 Schema, change "TimeStamp" to "date"	A	6.4.0	6.5.0	T2-040141	MMS6	
23.140	152	-	Rel-6	MM7 – Charged party, third party value	F	6.4.0	6.5.0	T2-040142	MMS6	
23.140	153	-	Rel-6	MMS Online Charging	B	6.4.0	6.5.0	T2-040128	MMS6	
23.140	154	-	Rel-6	Updates to Annex M (Delivery Report Generation)	F	6.4.0	6.5.0	T2-040129	MMS6	
23.140	155	-	Rel-6	Content of RCPT in MM4	F	6.4.0	6.5.0	T2-040130	MMS6	
23.140	156	-	Rel-6	Management of Hyperlinks in MMS	B	6.4.0	6.5.0	T2-040132	MMS6	
23.140	157	-	Rel-6	Clarification on recipient list.	F	6.4.0	6.5.0	T2-040145	MMS6	on T2 e-approval (1-8 Mar 2004)

"SMS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	Doc-2nd-Level	Workitem
23.040	069	-	Rel-5	Correction of error message for MAP_ForwardShortMessage	F	5.6.1	5.7.0	T2-040063	TEI5
23.040	070	-	Rel-6	Correction of error message for MAP_ForwardShortMessage	A	6.2.0	6.3.0	T2-040064	TEI6
23.040	171	-	Rel-6	Procedure for confirming the existence of an SMS interworking agreement	C	6.2.0	6.3.0	T2-040123	TEI6

B.2   Outgoing Liaison Statements

The following LSs were sent from T2#24:

TDOC	Subject	WG_Status
T2-040100	LS to CN4, SA2, SA5, CN5 cc TSG-T, TSG-CN on latest version of TS 23.241 and proposed work assignments	sent 20/02/2004
T2-040107	LS to T3 on introduction of logical channel mechanism within AT commands	sent 20/02/2004
T2-040119	LS to GSMA SERG, 3GPP SA1 on MMS Prepay Service Requirements	sent 20/02/2004
T2-040122	LS to T3, cc OMA MWG MMSG on Storage of Multimedia Messages on the USIM	sent 20/02/2004
T2-040137	LS to OMA-MWG-MMSG, 3GPP2-X cc T, SA, SA1, SA4, SA5, OMA-	sent 20/02/2004

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	MWG, OMA-TP on MMS transfer to OMA	
T2-040158	LS to TSG-T on the impact on T2 of transferring MMS stage 2 bearer agnostic work to OMA after MMS REL-6 (revised T2-040156)	sent 20/02/2004

B.3   Reports/Specifications submitted to TSG-T#23

The following specification will be presented to TSG-T#23 for approval

TDOC	Subject
T2-040109	TS 23.241 Generic User Profile (GUP) – Stage 2, Data Description Method

B.4   Work Items submitted to TSG-T#23

None.

B.5   Other docs submitted to TSG-T#23

None.

Annex C   List of Participants

Name	Company	Organizational Partner		Phone	Email
Member of 3GPP (ARIB)					
Mr. Hidetoshi Kambe	Mitsubishi Electronic	3GPPMEMBER (ARIB)	JP	+81 467 41 2985	hikam@csc.melco.co.jp
Mr. Shigeki Komatsu	NEC Corporation	3GPP/MEMBER (ARIB)	JP	+81 468 47 6611	komatsu@kb.jp.mec.com
Mr. Miraj Mostafa	Nokia Japan Co, Ltd	3GPPMEMBER (ARIB)	FI	+358 7180 73259	miraj.mostafa@nokia.com
Miss Aki Nagaoka	NTT DoCoMo Inc.	3GPPMEMBER (ARIB)	JP	+819032338142	aki@cet.yrp.nttdocomo.co.jp
Mr. Hiroshi Saito	Panasonic Mobile Communications	3GPPMEMBER (ARIB)	JP	+81 468 40 5440	saito.hiro@jp.panasonic.com
Mr. Prem Sood	SHARP Corporation	3GPPMEMBER (ARIB)	US	+1 360 834 8708	pls@sharplabs.com
Ms. Nicola Vote	NTT DoCoMo Inc.	3GPPMEMBER (ARIB)	JP	+81 468 40 6062	nicola@cet.yrp.nttdocomo.co.jp

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Member of 3GPP (ETSI)

Mr. Nigel Barnes	MOTOROLA Ltd	3GPPMEMBER (ETSI)	GB	+44 1 256 790 169	Nigel.Barnes@motorola.com
Mr. Philippe Bellordre	ORANGE SA	3GPPMEMBER (ETSI)	FR	+33 145 29 57 95	philippe.bellordre@francetelecom.com
Mr. Ansgar Bergmann	GSM Association	3GPPMEMBER (ETSI)	UK	+33 609 970 701	ansgar_bergmann@yahoo.co.uk
Mr. Kurt Bischinger	T-Mobile AUSTRIA	3GPPMEMBER (ETSI)	AT	+43 1 79 585 6972	kurt.bischinger@t-mobile.at
Ing. Mario Bosi	TELECOM ITALIA S.p.A.	3GPPMEMBER (ETSI)	IT	+390639004218	mbosi@mail.tim.it
Mr. Nicolas Chaumartin	Axalto, Schlumberger Systèmes	3GPPMEMBER (ETSI)	FR	+33 1 46 00 74 71	nchaumartin@axalto.com
Mr. Paolo Franzoi	Vodafone Omnitel N.V	3GPPMEMBER (ETSI)	IT	+39 348 2331149	paolo.franzoi@vodafone.com
Mr. Randall Grund	MOTOROLA GmbH	3GPPMEMBER (ETSI)	US	+1 847 523 0946	Randall.Grund@motorola.com
Mr. Ian Harris	Research in Motion Limited	3GPPMEMBER (ETSI)	GB	+44 7785360000	iharris@rim.net
Mr. Thuvesson Henrik	TeliaSonera AB	3GPPMEMBER (ETSI)	SE	+46705985122	henrik.thuvesson@teliasonera.com
Mr. Michel Houde	ERICSSON LM	3GPPMEMBER (ETSI)	SE	+1 514 345 2759	michel.houde@ericsson.com

Mr. Josef Laumen	INFINEON TECHNOLOGIES	3GPPMEMBER (ETSI)	DE	+49 5341 906 2830	josef.laumen@infineon.com
Mr. Timo Oikarinen	TeliaSonera AB	3GPPMEMBER (ETSI)	FI	+358 40 5884011	timo.oikarinen@teliasonera.com
Mr. Matthias Roebke	T-MOBILE DEUTSCHLAND	3GPPMEMBER (ETSI)	DE	+4922893633794	matthias.roebke@t-mobile.de
Mr. Michael Rooke	NOKIA Corporation	3GPPMEMBER (ETSI)	FI	+358 407335163	michael.rooke@nokia.com
Mr. Paul Voskar	NOKIA UK Ltd	3GPPMEMBER (ETSI)	GB	+44 1252 867430	paul.voskar@nokia.com

Member of 3GPP (T1)

Mr. Robert Moton	Cingular Wireless LLC	3GPPMEMBER (T1)	US	+1-404-236-5913	robert.moton@cingular.com

Member of 3GPP (TTC)

Mr. Hisakazu Kojima	NTT DoCoMo Inc.	3GPPMEMBER (TTC)	JP	+81 46 840 3842	kojima@cet.yrp.nttdocomo.co.jp

Organisation partner representative (ETSI)

Mr. Friedhelm Rodermund	Mobile Competence Centre		FR	+33 4 92 94 43 24	friedhelm.rodermund@etsi.org

Total number of delegates: 26

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Annex D   Report from SWG2 UE Interfaces and Capabilties

3GPP TSG-T2 #24
Malaga, Spain
16 -20 February 2004

T2-040023

Agenda Item: T2 Closing Plenary

Source: SWG2 Chairman

Title: FINAL Report of SWG2#24 MALAGA Meeting

Document for: Approval

ES   Executive Summary

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

General:

The meeting was opened by Mr. Prem Sood (Sharp) on 14:34 pm, 16th February 2004, and the delegates were welcomed to this meeting.

Prem Sood acted as the secretary for the meeting.

The proposed Agenda of the meeting in Draft3 of T2-040023 was approved.

One Future Joint Meeting with CN4 was approved, April 21st 2004.

AT Commands –

There is no Rapporteur for 27.007/07.07. The SWG2 Chair solicited volunteers for the rapporteur position.

A received email from PCCA was reviewed. SWG2 Chair will make a response to PCCA after a 2 week review by members.

3 CRs were received, 1 (T2-040091) was reviewed.

1 LS to T3 (T2-040107) was approved.

The remaining 2 CRs were decided not to be reviewed.

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, T2-040100 was approved and is presented to T2 for Approval..

SWG2 reviewed the TS 23.241 and concluded that it is well over 80% complete.

SWG2 made the decision unanimously to request T2 to submit TS23.241 version 1.1.1 (T2-040109) to TSG-T#23, March 2004 For Approval.

T2 is hereby requested to submit TS23.241 to TSG-T#23 For Approval.

Subscriber Management –

No Activity, some minor discussion.

Future Meetings:

One Future Meeting was approved by SWG2 during the next T2 meeting

Meeting	Date	Venue	Comment
Joint Meeting with CN4	April 21, 2004	Edinburgh, co-located with T2	Confirmed

Other Items Executive Summary from SWG2 meeting -

None

Output Change Requests –

TDoc	Title	Source	Comment

Output Liaison Statements –

TDoc	Title	Source	Comment
T2-040100	LS to CN4, SA5, SA2 cc TSG-T, TSG-CN on TS23.241 and work coordination	SWG2 Chair	
T2-040107	LS to T3 on Support of logical channels in AT commands REL 6	Axalto	

Other Documents for T2 Approval–

TDoc No.	Title	Source	Status
T2-040109	TS23.241 v1.1.1	SWG2	Approved for output to T2. Submit to TSG-T#23 For Approval

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ES   Detailed Report

1. Opening of the meeting

The Chair of SWG2, Mr. Prem Sood, Sharp, opened the meeting at 14:34 pm on Monday, 16th February 2004, and the delegates were welcomed to this meeting.

The Chair welcomed everyone to Malaga Spain, and thanked the European Friends of 3GPP for hosting the meeting.

The Chair volunteered for the secretary duties for the meeting.

14 delegates attended the meeting.

The Meeting closed at 12.20 pm on Thursday February 19.

1.1. Approval of the proposed Agenda

Document – T2-040022

TDoc No.	Title	Source	Status
T2-040022	Draft 3 SWG2 meeting agenda	SWG2 Chair	**Approved**

Presented by –

Chairman.

Resolution –

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.

1.3. Future Joint and Dedicated Meetings Schedule

One Future Meeting was approved by SWG2 during the next T2 meeting

Meeting	Date	Venue	Comment
Joint Meeting with CN4	April 21, 2004	Edinburgh, co-located with T2	Confirmed

1.4. Review of previous Action Points

Tdoc Draft1 T2-040023

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
22-2: Review SA3 specs on GUP	All SWG2	#23	Members to review. Pending to #25
23.1 The Chairman will contact the CN4 group regarding that possibility of a Joint meeting in March.	Chairman (Prem)	T2#24	CLOSED Completed. JM confirmed
23.2 Members to check within their companies whether they want the work at ETSI User Interoperability Group	SWG2	T2#24	CLOSED - None identified. See T2-030655.
23.3 Chairman to contact ETSI User Interoperability Group for further information.	Chairman	T2#24	CLOSED. Completed on 12/02/03

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.

22-2 - S3-030154 has some proposed S3 spec content. TS33.009

1.5. Appointment of Rapporteurs

The chairman proposed that Rapporteurs were needed in three additional areas: 1) 23.227, 2) 24.241 3) 27.007/07.07

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 - none

Discussion –

The following items were discussed

　　　Preparation for the JM with CN4 on April 21

　　　　　Agenda

　　　　　SWG2 Presentation of TS's

The agenda of 3 points in the email on Reflector which confirmed the JM seems OK for now.

We should discuss 23.241 and 24.241 status.

We should prepare PowerPoint slides for each of the 3 agenda –during this week, time permitting, otherwise after this week.

To be discussed further this week.

3.1 SWG2 Ongoing Work on GUP, DDM, CO

Tdocs 21, T2-030656, T2-030657, T2-030658, 16, 33, 34, 37, 38, 39, 40, 44, 46, 65, 66, 97, 98, 99, 100, 101, 102, 103, 104, 105

Document – T2-040021

TDoc No.	Title	Source	Status
T2-040021	TS23.241 v1.0.1	Rapporteur	Approved by SWG2

Presented by –

Kurt Bischinger (T-Mobile)

Discussion –

The changes in **T2-030656, T2-030657, T2-030658** were incorporated into the specification v1.0.1.

A clean and change-bar version were included.

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The document was circulated as the baseline by SWG2 on the email Reflector, and is presented for information and approval to SWG2.

Resolution –

The document was approved as the baseline.

Document – T2-030656

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

Presented by –

Prem

Discussion –

Draft 1 Presented for information and Approved for Email Approval in SWG2#23 Dallas.

Resolution –

The document was approved via e-mail approval and incorporated into the next baseline of 23.241, v1.0.1 . It is presented here for information.

Document – T2-030657

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

Presented by –

Kurt

Discussion –

Draft 1 Presented for information and Approved for Email Approval in SWG2#23 Dallas.

Resolution –

The document was approved via e-mail approval and incorporated into the next baseline of 23.241, v1.0.1 . It is presented here for information.

Document – T2-030658

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

Presented by –

Henrik

Discussion –

Draft 1 Presented for information and Approved for Email Approval in SWG2#23 Dallas.

Resolution –

The document was approved via e-mail approval and incorporated into the next baseline of 23.241, v1.0.1 . It is presented here for information.

Document – T2-040016

TDoc No.	Title	Source	Status
T2-040016	LS from SA2 on Hierarchical Structure in GUP Specs	S2-034372	noted

Presented by –

Prem Sood

Discussion –

Resolution –

The document was noted.

Document – T2-040033

TDoc No.	Title	Source	Status
T2-040033	Updates to TS 23.241V1.0.1	Sharp	Approved for n version

Presented by –

Prem Sood

Discussion –

The following required changes will be done in doc 104

Fix 5.5.1 IMSI wording

Consider Primary Profile Identity

3.1 definitions reject changes to GUP, DDM

Section 8 was discussed – it is now altered to make it completely optional whether a WG will submit any portions of its Common Objects per section 8, or none. The requirement that "All WGs shall submit" is changed to "Any WG may submit" parts of their common objects if they wish to.

Nokia requested that a statement be added indicating that "alignment of 23.241 with 29.240 is still open and to be resolved" in the 23.241 submission cover page.

Nokia thanked the SWG and particularly T-Mobile for the hard work and cooperation and spirit of compromise.

Resolution –

The document was approved for incorporation into 23.241, with the noted changes done in another tdoc.

Document – T2-040034

TDoc No.	Title	Source	Status
T2-040034	Proposed changes to TS24.241 version 0.5.0	Sharp	Approved for n version

Presented by –

Prem Sood

Discussion –

Approved for the next baseline of 24.241. Additional changes are required, e.g. to remove PCG references, in another tdoc

There was some discussion about the process for submission for information and approval of 24.241 to TSG-T. The current work plan shows March and June 2004 respectively as the dates. Nokia has been actively working to improve the 24.241 content. Nokia indicated that in their view 24.241 don't feel it is currently ready for submission, and needs substantial changes prior to start of the submission process. Nokia agreed to consider what is the best way to move this forward, such as by proposing changes which are required.

Resolution –

The document was approved

Document – T2-040037

TDoc No.	Title	Source	Status
T2-040037	Updates TS23.241 clauses 3-7	T-Mobile	Approved for next version

Presented by –

Kurt Bischinger

Discussion –

All proposed changes accepted.

Resolution –

Approved for next version

Document – T2-040038

TDoc No.	Title	Source	Status

T2-040038	Removal of PCG in UML diagrams TS 23.241 V1.0.1	T-Mobile	Approved for next version

Presented by –

Kurt Bischinger

Discussion –

All proposed changes accepted.

Resolution –

Approved for next version

Document – T2-040039

TDoc No.	Title	Source	Noted
T2-040039	Deletion of storage in TS 23.241 V1.0.1	T-Mobile	Noted Updated in 97

Presented by –

Kurt Bischinger

Discussion –

Proposed that section 5.7 header and 5.7.1 and figure 5.7.1.1 be retained. New doc 97.

Resolution –

Noted Updated in 97

Document – T2-040097

TDoc No.	Title	Source	Noted
T2-040097	Update of 39, Deletion of storage in TS 23.241 V1.0.1	T-Mobile	Approved for the next version of 23.241

Presented by –

Kurt Bischinger

Discussion –

Resolution –

Approved for the next version of 23.241

Document – T2-040040

TDoc No.	Title	Source	Status
T2-040040	Removal of PCG in clause 8, TS 23.241 V1.0.1	T-Mobile	Noted Updated in 98

Presented by –

Kurt Bischinger

Discussion –

Minor editorial changes to be done.

Resolution –

Noted Updated in 98

Document – T2-040098

TDoc No.	Title	Source	Status
T2-040098	Update of 40, Removal of PCG in clause 8, TS 23.241 V1.0.1	T-Mobile	Approved for the next version of 23.241

Presented by –

Kurt Bischinger

Discussion –

Resolution –

Approved for the next version of 23.241

Document – T2-040044

TDoc No.	Title	Source	Status
T2-040044	Update of Properties in TS 23.241 V1.0.1	T-Mobile	Noted. Updated in 99

Presented by –

Kurt Bischinger

Discussion –

Discussion on double terminology Properties and Common Definition Schema, how to handle in 23.241.

In principle, SWG2 is agreeable to move the properties work to CN4.

How to transfer – SWG2 will send an LS to CN4 and SA2 proposing the transfer – doc 100.

Changes made in 99

Resolution –

Noted. Updated in 99

Document – T2-040099

TDoc No.	Title	Source	Status
T2-040099	Update of 44, Properties in TS 23.241 V1.0.1	T-Mobile, SWG	Approved for next version

Presented by –

Kurt Bischinger

Discussion –

3GPP

Changes made in 99

Resolution –

Approved for next version

Document – T2-040046

TDoc No.	Title	Source	Status
T2-040046	Profile Update TS 23.241 V1.0.1	T-Mobile	Noted. Updated in 101

Presented by –

Kurt Bischinger

Discussion –

Re-wording discussed, updated in 101

Resolution –

Noted. Updated in 101

Document – T2-0400101

TDoc No.	Title	Source	Status
T2-0400101	Update of 46, Profile Update TS 23.241 V1.0.1	SWG	Approved for next version

Presented by –

Kurt Bischinger

Discussion –

Re-wording of 46 updated in 101

Resolution –

Approved for next version

Document – T2-040065

TDoc No.	Title	Source	Status
T2-040065	Update of namespace definition TS 23.241	T-Mobile	Noted Updated to 102

Presented by –

Kurt Bischinger

Discussion –

Resolution –

Noted Updated to 102

Document – T2-040102

TDoc No.	Title	Source	Status
T2-040102	Update of 65, namespace definition TS 23.241	T-Mobile	Approved for next version

Presented by –

Kurt Bischinger

Discussion –

Resolution –

Approved for next version

Document – T2-040066

TDoc No.	Title	Source	Status

T2-040066	Namespace Changes in clause 8 TS 23.241	T-Mobile	Noted Updated to 103

Presented by –

Kurt Bischinger

Discussion –

Resolution –

Noted Updated to 103

Document – T2-040103

TDoc No.	Title	Source	Status
T2-040103	Update of 66 - Namespace Changes in clause 8 TS 23.241	T-Mobile	Approved for the next version of 23.241

Presented by –

Kurt Bischinger

Discussion –

Resolution –

Approved for the next version of 23.241

Document – T2-040104

TDoc No.	Title	Source	Status
T2-040104	Updates to 23.241 2nd Set	Sharp	Approved for the next version of 23.241

Presented by –

Prem Sood

Discussion –

Resolution –

Approved for the next version of 23.241

Document – T2-040100

TDoc No.	Title	Source	Status
T2-040100	LS to CN4 and SA2 on 23.241, properties transfer	SWG Chair	Approved for Output to T2 Attached 109, 23.241 v1.1.1

Presented by –

Prem Sood

Discussion –

Send to CN5, SA2, CN4, SA5 with actions. Misc. Changes,

Resolution –

Approved for Output to T2, with attached 23.241v1.1.1 (doc 109)

Document – T2-040105

TDoc No.	Title	Source	Status
T2-040105	TS23.241 v1.1.0	Rapporteur	Approved as new baseline

Presented by –

Kurt Bischinger

Discussion –

New version of 23.241. Reviewed.

Resolution –

3GPP

Approved as new baseline.

Document – T2-040108

TDoc No.	Title	Source	Status
T2-040108	Updates to 23.241 v1.1.0	TeliaSonera	Approved for next version

Presented by –

Henrik Thuvesson

Discussion –

Resolution –

Approved for next version

Document – T2-040109

TDoc No.	Title	Source	Status
T2-040109	23.241 version 1.1.1	Raporteur	Approved for Output to T2 for T#23 Approval Also Attach to LS in 100

Presented by –

Kurt Bischinger

Discussion –

New version reviewed

Resolution –

Approved for Output to T2 for T#23 Approval. Also Attach to LS in 100

3.2 Subscriber Management

Tdocs - No Input

3.3 AT Commands

TDocs: 49, 89, 90, 91

Document – T2-040049

TDoc No.	Title	Source	Status
T2-040049	PCCA Query on connection type UMTS-GPRS in 27.007	SWG2 Chair	

Presented by –

Prem Sood

Discussion –

Should SWG2 send a response.

Does this capability currently exist in 27.007? The best information in the meeting is that this does not exist. Members were requested to confirm with their companies within 2 weeks.

The data rate can change suddenly – the status would be only of an instananeous nature.

Resolution –

A response should be sent to PCCA after 2 weeks – contribution driven. ACTION CHAIR.

The document was noted.

Document – T2-040091

TDoc No.	Title	Source	Status
T2-040091	Support of logical channels in AT commands REL 6	Axalto	Noted. Updated in 106. LS to T3 in 107

Presented by –

Nicolas Chaumartin, Axalto

Discussion –

This doc was available too late for members to have had a chance to review prior to the presentation. Any action was deferred to the Edinburgh meeting, in the meantime the doc was reviewed to give feedback to Axalto.

There is also T3 impact. If a doc in Edinburgh were accepted, it could be provisionally approved, subject to T3 approval. An LS with an update of this doc will be sent to T3, and Axalto was encouraged to start the review on the T3 Reflector if they so wished: LS is 107, update of this doc is 106.

Other comments and feedback were provided to Axalto.

Resolution –

Noted. Updated in 106.

LS to T3 in 107

Document – T2-040106

TDoc No.	Title	Source	Status
T2-040106	Update of 91 - Support of logical channels in AT commands REL 6	Axalto	Noted. Attach to LS to T3 in 107

Presented by –

Nicolas Chaumartin, Axalto

Discussion –

Minor modifications to draft 1

Resolution –

Attach to 107. LS to T3 in 107

Document – T2-040107

TDoc No.	Title	Source	Status

T2-040107	LS to T3 on Support of logical channels in AT commands REL 6	Axalto	Approved as output to T2. Attach 106

Presented by –

Nicolas Chaumartin, Axalto

Discussion –

Draft 1 was modiifed.

Resolution –

Approved as output to T2

Document – T2-040089

TDoc No.	Title	Source	Status
T2-040089	Support of logical channels in AT commands REL 4	Axalto	Not Presented, with comments

Presented by –

Nicolas Chaumartin, Axalto – Not presented.

Discussion –

Many members commented that they would have serious objections to this doc because it is for REL 4. Discussion took place on this topic.

Resolution –

The document was not presented, with comments

Document – T2-040090

TDoc No.	Title	Source	Status
T2-040090	Support of logical channels in AT commands REL 5	Axalto	Not Presented, with comments

Presented by –

Nicolas Chaumartin, Axalto – Not presented.

Discussion –

Many members commented that they would have serious objections to this doc because it is for REL 5. Discussion took place on this topic.

Resolution –

The document was not presented, with comments

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

4.3 Other

Tdocs

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

TDocs 9

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.

See Executive Summary above

6.2 Meeting Report of this SWG2 Meeting

T2-040023	Report of T2 SWG2 #24		

7. Deferred Items

None

8. Any Other Business

None

9. Future Meetings, Time Requirements

See Executive summary above.

10. Close of the Meeting

3GPP

The Meeting was closed at xx.xx pm on Thursday.

10.1. List of New Action Points added at this meeting

AP Description	Assigned to	Due	Comments
24.1			
24.2			
24.3			

Annex A List of all temporary documents

SWG2 FINAL Document List

COLOR CODE

APPROVED - OUTPUT TO T2

NOTED/APPROVED – NO OUTPUT TO T2

PENDING / ACTION

NOT REVIEWED AT THIS MEETING

NOT DISCUSSED YET

TDOC	Subject	Source	Resolution
T2-040009	3GPP work plan	TB Officer	
T2-040016	LS from SA2 on Hierarchical Structure in GUP Specs	S2-034372	for action
T2-040021	TS 23.241 V1.0.1	Rapporteur	Approved as new baseline
T2-040022	T2SWG2#24 MALAGA Agenda	SWG2 Chair	Draft3 approved
T2-040023	T2SWG2#24 Malaga Meeting Report	SWG2 Chair	
T2-040033	Proposed changes to 23.241v101	Sharp	Approved for next version
T2-040034	Proposed changes to 24.241v050	Sharp	Approved for next version
T2-040037	Updates TS23.241 clauses 3-7	T-Mobile	Approved for next version
T2-040038	Removal of PCG in UML diagrams TS 23.241 V1.0.1	T-Mobile	Approved for next version
T2-040039	Deletion of storage in TS 23.241 V1.0.1	T-Mobile	Noted. Updated in 97
T2-040040	Removal of PCG in clause 8, TS 23.241 V1.0.1	T-Mobile	Noted. Updated in 98

T2-040041	withdrawn		
T2-040043	withdrawn		
T2-040044	Update of Properties in TS 23.241 V1.0.1	T-Mobile	Noted. Updated in 99, LS in 100
T2-040046	Profile Update TS 23.241 V1.0.1	T-Mobile	Noted. Updated in 101
T2-040049	PCCA Query on connection type UMTS-GPRS in 27.007	SWG2 Chairman	
T2-040057	Withdrawn		
T2-040058	Withdrawn		
T2-040059	Withdrawn		
T2-040065	Update of namespace definition TS 23.241	T-Mobile	Noted. Updated in 102
T2-040066	Namespace Changes in clause 8 TS 23.241	T-Mobile	Noted. Updated in 103
T2-040089	Support of logical channels in AT commands REL 4	Axalto	Not reviewed – objections raised to REL 4
T2-040090	Support of logical channels in AT commands in Rel-5	Axalto	Not reviewed – objections raised to REL 5 raised
T2-040091	Support of logical channels in AT commands in Rel-6	Axalto	Noted
T2-040097	Update of 39, Deletion of storage in TS 23.241 V1.0.1	T-Mobile	Approved for the next version of 23.241
T2-040098	Update of 40, Removal of PCG in clause 8, TS 23.241 V1.0.1	T-Mobile	Approved for the next version of 23.241
T2-040099	Update of 44, Properties in TS 23.241 V1.0.1	SWG	Approved for the next version of 23.241
T2-040100	LS to CN4 and SA2 on 23.241 and work coordination	SWG Chair	Approved for Output to T2 Attached 23.241 v1.1.1, 109
T2-040101	Update of 46 - Profile Update TS 23.241 V1.0.1	SWG	Approved for the next version of 23.241
T2-040102	Update of 65 - Update of namespace definition TS 23.241	T-Mobile	Approved for the next version of 23.241
T2-040103	Update of 66 - Namespace Changes in clause 8 TS 23.241	T-Mobile	Approved for the next version of 23.241
T2-040104	Updates to 23.241 2nd set	Sharp	Approved for next version
T2-040105	TS23.241 v1.1.0	Rapporteur	Approved as new baseline
T2-040106	Update of 91 - Support of logical channels in AT commands in Rel-6	Axalto	Noted
T2-040107	LS cover letter to T3 re: 106	Axalto	Approved
T2-040108	Updates to 23.241 v1.1.0	TeliaSonera	Approved for next version

T2-0400109	TS23.241 v1.1.1		Rapporteur	Approved for presentation to T2 for T#23 Approval. Also Attach to 100

Annex B FINAL AGENDA

3GPP TSG-T2 #24   T2-040022
Malaga, Spain
16 -20 February 2004

Agenda Item: **1.1**

Source: **SWG2 Chairman**

Title: **FINAL Agenda SWG2#24 Meeting**

Document for: **Approval**

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1. Opening of the meeting

1.1 Approval of this Meeting's Agenda, Chairman's comments ==022==

Recording of Incoming Docs & assignment to Agenda ==022, doclist==

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

None

1.3 Future Meetings Confirmation – proposed list is in Agendum 9

1.4 Review of Progress on Action Items ==Draft1 023==

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

2. Items for immediate discussion –

2.1 Preparation for the JM with CN4 on April 21

Agenda

SWG2 Presentation of TS's

3. SWG2 Ongoing Work

3.1 SWG2 Ongoing Work on GUP, DDM 21, T2-030656, T2-030657, T2-030658, 16, 33, 34, 37, 38, 39, 40, 41, 43, 44, 46, 65, 66, 97, 98, 99, 100, 101, 102, 103, 104, 105, 108, 109

3.2 Subscriber Management

3.3 AT Commands 49, 57, 58, 59, 89, 90, 91, 106, 107

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)

5. Review of WI's progress, SWG2 and T2 relevant items in 3GPP work plan 9

6. Approval of Output Drafts and Documents for T2 Approval

6.1 Liaison Statements, etc. 100, 107, 109

6.2 Meeting Report of this SWG2 meeting 023

7. Deferred Items

8. Any Other Business

9. Future meetings, Time requirements   5

　　　JM with CN4 on GUP, DDM –21 April 2004, Edinburgh (Confirmed)

　　　JM with SA5 on GUP, SuM – (Not confirmed)

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
Prem Sood (Chair)	Sharp	pls@sharplabs.com

3GPP

Henrik Thuvesson	TeliaSonera	henrik.thuvesson@teliasonera.com
Timo Oikarinen	TeliaSonera	timo.oikarinen@teliasonera.com
Nicola Vote	NTT DoCoMo	nicola@cet.yrp.nttdocomo.co.jp
Hiroshi Saito	Panasonic	
Hidetoshi Kambe	Mitsubishi Electric	hikam@csc.melco.co.jp
Paul Voskar	Nokia UK Limited	paul.voskar@nokia.com
Ian Harris	RIM	
Kurt Bischinger	T-Mobile	kurt.bischinger@t-mobile.at
Ansgar Bergmann	T-Mobile	
Nigel Barnes	Motorola	
Robert Moton	Cingular Wireless	
Friedhelm Rodermund	MCC	friedhelm.rodermund@etsi.org
Nicolas Chaumartin	Axalto	nchaumartin@axalto.com

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#24 were attended by 23 delegates. All in all 79 tdocs were processed, among these 19 incoming LSs. No documents needed to be postponed to a next meeting.

Philippe Bellordre from Orange volunteered as meeting secretary and did a wonderful job as usual.

Action items from T#22, SA#22, T2#24 opening plenary:

From T2#24 OP:

- *Check that everyone's happy with the rapporteur roles as assigned in T2-040004:*
  T2-040004 was checked. Paolo Di Tria was contacted offline. He gave up all his rapporteurships. MCC (F. Rodermund) will be the new rapporteur by default.

From T#22 and SA#22:

- *Transfer of MMS into OMA: consideration is needed concerning transfer of ownership of 23.140 material, including splitting and rewriting specifications:*
  A draft version of T2-040137 is available for approval during T2#24 closing plenary. This is an LS to various involved groups within 3GPP(2) and OMA and it comes along with two contributions attached. The LS intends to start a discussion and the socialisation of ideas between these groups. It therefore
  a.) provide an initial identification of network dependencies in 23.140 v.6.4.0 (T2-040085), and
  b.) lists some initial questions on issues which might need to be resolved for a successful transfer of MMS into OMA after completion of REL-6 (T2-040136).
  (Note: all the above subject to IPR / legal issues being resolved by groups other than T2.)

CBS matters

None

SMS matters

A solution for the MNP and SMS interworking issue identified by GSM-A was agreed for REL-6 in T2-040123. As an option, it is now possible to check the existence of an interworking agreement with the recipients network before an SM is forwarded to the SMSC.

In addition an in the error code mapping was corrected for REL-5 and REL-6 in T2-040063 and T2-040064.

EMS matters

None

MMS REL-4 issues

None

MMS REL-5 issues

A correction of the MM7 Schema was agreed in T2-040096 with a REL-6 mirror CR in T2-040124.

MMS REL-6 issues – Private Addressing Scheme

Private addressing scheme:

Substantial contributions addressing the private addressing issue were discussed. A proposal to introduce a new MM10 reference point to a Messaging Service Control Function was debated but could not yet be concluded. Further work is anticipated.

MMS REL-6 issues – Support for multiple MMS Relay/Server

Multiple Relay/Server support:

A first draft for a technical report and a MM7 CR on multiple Relay/Server support in one MMSE was received. SWG3 concluded on the draft technical report that no changes to 23.140 were needed. As such, the MM7 CR was not accepted since the need for the proposed change could not be identified.

This work item is interpreted to be currently 5% complete. If there is no significant progress in the near future nore contributions to T2#25, this WID will be withdrawn at T2#25 in Edinburgh.

MMS REL-6 issues – MMS-6 WID

MM7:

General improvements to MM7 were made: The handling of MM7 messages composed with different XML schema was corrected and the Schema was updated to include the "Charged Party" and a "third party" value.

Hyperlinks:

The work on support of hyperlinks in MMS is completed with a CR to 23.140 being agreed.

Charging:

A new reference point MM9, to a pre-paid billing system, was introduced also as a reference to SA5's recent work on pre-paid MMS. In addition, more substance was added to the MM8 reference point to the post-paid billing system referring to SA5's recent work.

MMS as IMS messaging deferred mode:

A CR was provided to fulfil a request from SA2 to provide for SIP addressing in MMS. Some companies expressed that the would not sufficiently accommodate for the deferred mode of IMS messaging. Some more analysis is needed. Nokia volunteered to provide an analysis to interested parties in the near future, additionally to T2#25 in April.

Charging transparency.

Contributions with a proposal to improve MMS charging transparency to the end user were discussed. Some companies found the proposed approach cumbersome. Further work is anticipated.

MM storage on the USIM:

An LS from T3 was discussed and replied to attempting to answer their questions. Still, the need for further work is expected.

SWG3 Work Progress:

- 55 % completion of the general work MMS REL-6

- 20% completion for the work on a private addressing scheme in MMS

- 5% completion for the multi-MMS Relay/Server architecture

Future Meetings:

No interim ad hoc meeting is planned for until T2#26 in Edinburgh.

Output Change Requests from SWG3:

CBS:

None

SMS:

tdoc #	Subject	Source	Status
T2-040063	CR 23.040 Rel5 Error Message Correction	NTT DoCoMo Inc	approved
T2-040064	CR 23.040 Rel6 Error Message Correction	NTT DoCoMo Inc	approved
T2-040123	CR 23.040 Rel-6 Confirm SMS Interworking Agreement	NTT DoCoMo	approved

EMS:

None

MMS:

tdoc #	Subject	Source	Status
T2-040054	CR 23.140 Rel 6: On the handling of MM7 messages composed with different XML schema	Orange, Ericsson	approved
T2-040096	CR 23.140 Rel 5; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	approved
T2-040124	CR 23.140 Rel 6; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	approved
T2-040125	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value	Nokia	approved
T2-040128	CR 23.140 REL-6 MMS Online Charging	Siemens, Infineon	approved
T2-040129	CR 23.140 R6: Updates to Annex M (Delivery Report Generation)	Ericsson	approved
T2-040130	CR 23.140 Rel 6: Content of RCPT in MM4	Ericsson	approved
T2-040132	CR 23.140 REL-6 Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	approved
T2-040135	CR 23140 REL-6 Clarification on recipients list	T-Mobile, Ericsson	approved

3GPP

Output Liaison Statements from SWG3:

CBS:

None

SMS:

None

EMS:

None

MMS:

tdoc #	Subject	Source	Status
T2-040119	LS to SERG, SA1 on implementation of prepaid error message	T-Mobile	approved
T2-040122	LS to T3, cc OMA MWG MMSG on Storage of Multimedia Messages on the USIM	Infineon	approved

List of postponed documents:

tdoc #	Subject	Source	Status
T2-040137	LS to OMA-MWG-MMSG, 3GPP2-X cc T, SA, SA1, SA4, SA5, OMA-MWG, OMA-TP on MMS transfer to OMA	Infineon	open

Note: A draft version of this LS is available for approval at T2#24 closing plenary

List of Action Items:

AI#	Related tdoc #	Subject	Action Item	Responsible

T2#24-005	T2-040026	LS from SA2, cc CN4 on CN impact of private numbering scheme in MMS	Keep track if there will be a CN impact of private numbering scheme in MMS - If so, create LS to SA2, cc CN4 as reply to T2-040026	Matthias (TMO)
T2#24-006	T2-040068	Support of Messaging Service Control Function	Provide use cases for Private Addressing Scheme to T2#25	Matthias (TMO)
T2#24-007	T2-030391	LS from SA2 on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs	Provide T2#25 with analysis of MMS as IMS messaging deferred mode	Miraj (Nokia)
T2#24-008	T2-040133, T2-040079	CR 23140 REL-6 Application-Data in MMS Ericsson	Organise telco - to be announced on SWG3 reflector	Michel (Ericsson)

Detailed Report:

General:

TDoc	Title	Source	Comment
T2-040032	T2 SWG3 agenda	SWG3 chairman	

Conclusion: APPROVED

Action items from T#22, SA#22, T2#24 opening plenary

TDoc	Title	Source	Comment
T2-040004	T2 specs status list	TB officer	

Discussion: Was checked for rapporters' name

Conclusion: NOTED. Action Point for Ian to contact rapporteur of videotext specification. Later during the meeting, Ian Harris reported that Paolo DiTria is no longer able to fulfil his rapporteur duties.

TDoc	Title	Source	Comment
T2-040085	Identify network dependencies in 23.140	Infineon, Siemens	

Discussion: Josef has colour-coded the specification in order the show the network specific parts of 23.140 (that should remain part of 3GPP (2) work) and bearer-agnostic parts (that may be transferred to OMA).

The group was happy about this work that will be the basis of an LS (T2-040137) to T and SA that will be drafted offline and presented in closing plenary.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040136	MMS transfer to OMA	Infineon	

Discussion: Ian underlined that, before any meeting could take place between 3GPP and OMA on MMS transfer, IPR issues shall be solved first.

Paul (Nokia) mentioned that 3GPP and 3GPP2 should synchronize for the transfer to OMA too.

Friedhelm questioned how the maintenance of R99-R6 specs will be done practically (SA#22 indicated that should be moved to OMA). This question has not been solved yet.

Many other comments were added. That resulted in a huge number of issues that T2 closing plenary should be aware of about the MMS work transfer into OMA.

Conclusion: NOTED. Will be attached to the LS T2-040137.

Incoming Liaison Statements:

TDoc	Title	Source	Comment
T2-040015	**LS from SA2 on high bandwidth communication capability for USAT**	**SA2**	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040017	**LS from T3 on MMS as a Bearer for USAT**	**T3**	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040019	**LS from TSG-T: Reply to various LS's on MMS as a Bearer for USAT**	**T**	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040020	**LS from TSG-T on MMS WID MM4 Private addressing**	**T**	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040028	LS from SA1 on MMS targeting UE elements	SA1	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040030	LS from 3GPP2 TSG-C WG1 SWG1.4 concerning harmonization of MMS provisioning files between 3GPP & 3GPP2	3GPP2 TSG-C WG1 SWG1.4	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040042	LS from SA1 on MMS as a Bearer for USAT	SA1	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040092	LS from T3 on high bandwidth communication capability for USAT	T3	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040093	LS from T3 on the storage of URL bookmarks on USIM/ISIM	T3	

Discussion: Noted w/o presentation. It was however agreed to come back to this LS during the meeting, if needed.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040024	**LS from RAN3 on mismatch of the IE type in 25.419, 23.041 and 25.324**	RAN3	On CBS

Discussion: Action Point for Ian Harris to contact RAN2 chairman to clarify issues about this LS

Result of the action point: no need to do anything from a T2 perspective.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040025	**LS from SA2 on identifying MMS Enabled devices and MMS Capabilities of those devices**	SA2	

Discussion: LS on capability negotiation

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040013	**LS from GSMA SERG to SA1 cc T2 on MMS Error messages for Prepay (received 08 December 2003)**	GSMA SERG	

Discussion: see T2-040029

Conclusion: NOTED

TDoc	Title	Source	Comment

TDoc	Title	Source	Comment
T2-040029	LS from SA1 on MMS Prepay Service Requirements	SA1	Linked with T2-040013

Discussion: It was felt that T2 do not need to do anything: the basic assumption is that this requirement could be covered via the status text IE

Conclusion: NOTED. LS back to SA1 and GSMA SERG in T2-040119

TDoc	Title	Source	Comment
T2-040119	LS to GSMA SERG and SA1 on implementation of prepaid error message	T2	Response LS to T2-040013 and T2-040029

Discussion: T2 informs SA1 and SERG that the realization of the specific error indication can – with the existing means – use text that can be freely formatted by the network.

Conclusion: APPROVED

TDoc	Title	Source	Comment
T2-040014	LS from SA4 on support of hyperlinks in MMS	SA4	

Discussion: on hyperlinks. Will be more discussed with associated R6 CRs

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040026	LS from SA2 on MMS WID MM4 Private addressing	SA2	

Discussion: on private addressing.

Conclusion: NOTED. Potential LS back to SA2 cc CN4 to mention possible impacts on the core network in T2 in T2-040121

TDoc	Title	Source	Comment
T2-040121		T2	Reply LS to T2-040026

Discussion:

Conclusion: WITHDRAWN

TDoc	Title	Source	Comment
T2-040045	**LS from OMA MAG PUSH on Push over SIP**	**OMA MAG Push**	

Discussion: none

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040094	**LS from T3 on Storage of Multimedia Messages on the USIM**	**T3**	

Discussion:

Conclusion: NOTED. LS back in T2-040122

TDoc	Title	Source	Comment
T2-040122	Storage of Multimedia Messages on the USIM	T2	**Reply LS to T2-040094**

Discussion: Motorola expressed concerns that T2 might give recommendations in this LS which have not been sufficiently discussed. Following this, several improvements were made to the draft version of the LS.

Conclusion: APPROVED

TDoc	Title	Source	Comment
T2-040157	**LS reply on "extended MM7 and messaging integration broker"**	**CN5**	

Discussion: Reply LS to the Telefonica CR presented in T2#23.

Conclusion: NOTED

CBS matters:

NONE

SMS matters:

Tdoc	Title	Source	Comment
T2-040067	**LS from GSMA IREG on issue for checking an SMS interworking agreement with mobile number portability**	**GSMA IREG**	

Discussion: Discussion on roaming vs interworking

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040086	**Proposed Solution for the MNP and SMS Interworking Issue Identified by GSM-A**	**NTT Docomo**	

Discussion: Presentation to explain what's inside CR T2-040060

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040060	**CR 23.040 Rel-6 Confirm SMS Interworking Agreement**	**NTT Docomo**	

Discussion: Some comments and clarifications. Will be revised offline

Conclusion: ENDORSED. Will be revised in T2-040123

Tdoc	Title	Source	Comment

Tdoc	Title	Source	Comment
T2-040123	**CR 23.040 Rel-6 Confirm SMS Interworking Agreement**	**NTT Docomo**	

Discussion: The comments made on the original version were taken into account.

Conclusion: <mark>APPROVED</mark>

Tdoc	Title	Source	Comment
T2-040064	**CR 23.040 Rel6 Error Message Correction**	**NTT Docomo**	

Discussion: error correction

Conclusion: <mark>APPROVED</mark>

Tdoc	Title	Source	Comment
T2-040063	**CR 23.040 Rel5 Error Message Correction**	**NTT Docomo**	**Mirror CR of T2-040064**

Discussion: error correction. The CRs on R4 and R99 (see below) were agreed to be useless.

Conclusion: <mark>APPROVED</mark>

Tdoc	Title	Source	Comment
T2-040062	**CR 23.040 Rel4 Error Message Correction**	**NTT Docomo**	**Mirror CR of T2-040064**

Discussion:

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040061	**CR 23.040 Rel99 Error Message Correction**	**NTT Docomo**	**Mirror CR of T2-040064**

Discussion:

Conclusion: NOTED

3GPP

EMS matters:

NONE

Conclusion: NOTED

MMS REL-4 issues:

NONE

MMS REL-5 issues:

Tdoc	Title	Source	Comment
T2-040053	**CR 23.140 Rel 5: Correction of the MM7 Schema, for 'date'**	**Ericsson**	

Discussion: none

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040096	**CR 23.140 Rel 5: Correction of the MM7 Schema, for 'date' (take 2)**	**Ericsson**	**Revision of T2-040053**

Discussion: the aim of this document (together with T2-040095 R6 CR) is to have the XML scheme backwards compatible within R5 and R6 and between R6 and R5

Conclusion: APPROVED

MMS REL-6 issues:

SA1/SA- approved Stage 1 CRs

Tdoc	Title	Source	Comment
T2-040083	**MMS stage 1 CRs agreed by SA1#23**	**TB officer**	

Discussion: none

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040082	**MMS stage 1 CRs approved by SA#22**	**TB officer**	

Discussion: none

Conclusion: NOTED

MM7 issues

Tdoc	Title	Source	Comment
T2-040095	**CR 23.140 Rel 6: Correction of the MM7 Schema, for 'date' (take 2)**	**Ericsson**	**Mirror CR to T2-040096**

Discussion: Some corrections to be done offline

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040124	CR 23.140 Rel 6: Correction of the MM7 Schema, for 'date' (take 2)	Ericsson	Revised CR of T2-040095

Discussion: none

Conclusion: <mark>APPROVED</mark>

Tdoc	Title	Source	Comment
T2-040036	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value	Nokia	

Discussion: two minor comments. Revised in T2-040125

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040125	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value	Nokia	Revision of T2-040036

Discussion: none

Conclusion: <mark>APPROVED</mark>

Tdoc	Title	Source	Comment
T2-040054	CR 23.140 Rel 6: On the handling of MM7 messages composed with different XML schema	Orange; Ericsson	

Discussion: none

Conclusion: <mark>APPROVED</mark>

Tdoc	Title	Source	Comment
T2-040071	**Use cases on 'MM7 delivery conditions for MMS'**	**T-Mobile**	

Discussion: Some concerns from Randall on the technical possibilities to achieve the mentioned use cases.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040072	**MM7 delivery conditions for MMS**	**T-Mobile; Orange**	

Discussion: Nokia commented that there are some mistakes in the CR XML scheme. Comments on use cases. Some clarifications were asked on delivery conditions.

The group basically agrees in principle to have this feature standardised in R6, irrespective on the fact that a solution is standardised for the MMS R/S to have legacy handset detection.

Conclusion: NOTED

Addressing

Tdoc	Title	Source	Comment
T2-040052	**CR 23.140 Rel 6: Support of the SIP URL as a valid MMS address.**	**Ericsson**	

Discussion: Miraj (Nokia) commented that this CR does not cover all the problematics about SIP addressing: for example, what should happen for address resolution? SIP authentication? Therefore, this CR may partially cover all the problems.

Nokia internal analysis about this issue is that it is a very complex issue that may not be achievable in the R6 timeframe. Ericsson questioned if there is willingness from T2 to work on this issue (no real activity so far).

Randall stated that the group should clearly understand the use cases related to IMS messaging.

Action Point Randall: to check in previous T2 meetings' documents an analysis of IMS messaging.

Later in the meeting Randall presented the T2-030053 from T2#20. Randall's interpretation was that time the definition of the SIP addressing for MMS was sufficient. However, today it looks like an interface between the MMS Relay/Server and the IMS messaging server might be required. The need for this was discussed with no conclusion.

It was noted that this topic is pending since a long time. At T2#22 in Cambridge an LS form SA2 was received asking T2 to provide the support in MMS for a SIP URL format to allow MMS to be the deferred mode for IMS

Messaging as part of Release 6. The SWG3 chairman felt that some form of results are required soon. Furthermore, SA2 should be informed about the status.

Nokia objected to the CR. They consider providing their analysis of this topic at the next meeting (pending on offline discussion).

The result of the offline discussion is the following:

Some individuals expressed that the Ericsson CR T2-040052 is not sufficient to handle IMS deferred messaging mode. Some more analysis may be needed and it <u>may</u> be necessary to define an interface between IMS messaging server and the MMSC.

AP Nokia: to provide an analysis of MMS as IMS messaging deferred mode:

- *to the interested parties (Ericsson, Motorola…) in the next couple of weeks*

- *to T2#25 in April.*

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040050	**LS to SA2 on MMS for Deferred Mode IMS Messaging.**	**Ericsson**	

Discussion:

Conclusion: NOTED without presentation.

TDoc	Title	Source	Comment
T2-040075	**Clarification on recipients list**	**T-Mobile**	SWG3

Discussion: The CR proposes the addition of a new Recipient(s) address list for routing Information Element in the MM4_forward.REQ abstract message definition. This CR is expected to improve e.g. the CDR handling.

Ericsson supported the CR. However, they would prefer to have the new IE optional. Additionally, Ericsson suggested to add the IE in the mapping tables in the Annexes. However, T-Mobile thinks that the inclusion in the Annex is not required because this new IE will not lead to any change to the MM on the SMTP level. It was agreed to it to the mapping table with an explanatory note. Furthermore, some improvements in wording were suggested.

Conclusion: NOTED. Revised in T2-040135

TDoc	Title	Source	Comment
T2-040135	**Clarification on recipients list**	**T-Mobile**	SWG3

Discussion: Some improvements were made to the draft version.

Conclusion: APPROVED

Terminal detection capabilities

Tdoc	Title	Source	Comment
T2-040070	Terminal detection based on IMEI (status report)	T-Mobile	

Discussion: presentation document to inform us what is going on in various groups (CNx, SAx) on terminal detection

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040127	Terminal detection based on IMEI (status report)	T-Mobile	Same as T2-040070 but in a PDF compatible way

Discussion: none

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040118	Mail thread to SWG3 and status of SA#19 on Terminal Detection Based on IMEI	Infineon	

Discussion: None

Conclusion: NOTED

Charging

Tdoc	Title	Source	Comment
T2-040035	CR 23.140 REL-6 MMS Online Charging	Siemens	

Discussion: This CR aims at aligning T2's charging work with SA5's charging work: introduction of a new interface MM9 with online charging system. Some editorial comments were done.

Conclusion: NOTED. Will be updated in T2-040128

Tdoc	Title	Source	Comment
T2-040128	**CR 23.140 REL-6 MMS Online Charging**	**Siemens**	**Revised CR of T2-040035**

Discussion: none

Conclusion: <mark>**APPROVED**</mark>

Content Source

Tdoc	Title	Source	Comment
T2-040056	**Refreshed Content**	**Motorola**	

Discussion: Nokia commented that there was no Stage 1 requirement on that topic.

Josef commented that this topic was already discussed in R5 timeframe as part of the MM7 replace/cancel discussion and it was decided not to standardise this feature. Randall was invited to have a look at those meetings' docs.

Ericsson commented that charging may be a strong problem: how will the end user be charged when a given MM has replaced e.g. 2 unread MMs? Even worse in roaming situation.

Conclusion: NOTED

Delivery report

Tdoc	Title	Source	Comment
T2-040074	**CR 23.140 R6: Updates to Annex M (Delivery Report Generation)**	**Ericsson**	

Discussion: Discussion about normative/informative character of the annex.

Conclusion: NOTED. Will be revised in T2-040129

Tdoc	Title	Source	Comment
T2-040129	**CR 23.140 R6: Updates to Annex M (Delivery Report Generation)**	**Ericsson**	**Revised CR of T2-040074**

Discussion:

Conclusion: <mark>**APPROVED**</mark>

MM4 issues

Tdoc	Title	Source	Comment
T2-040055	CR 23.140 Rel 6: Content of RCPT in MM4	Ericsson	

Discussion: Related to MM4 unbundling. This CR clarifies what should be done in SMTP MM4 addressing level. Some changes were done online

Conclusion: NOTED. Revised in T2-040130

Tdoc	Title	Source	Comment
T2-040130	CR 23.140 Rel 6: Content of RCPT in MM4	Ericsson	Revised CR of T2-040055

Discussion: It was clarified in the CR that all recipient users are served by the same MMS Relay/Server.

Conclusion: <mark>**APPROVED**</mark>

Hyperlinks

Tdoc	Title	Source	Comment
T2-040073	Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	

Discussion: Revised in T2-040131.

Conclusion: NOTED

Tdoc	Title	Source	Comment

| T2-040131 | Management of Hyperlinks in MMS | T-Mobile, Orange, Telefonica, Vodafone | Revised version of T2-040073 |

Discussion: Discussion on how a hyperlink should be activated on MM display.

Conclusion: NOTED. Revised in T2-040132

Tdoc	Title	Source	Comment
T2-040120	Comments on T2-040073	Nokia	

Discussion: Nokia's comments on the T-Mobile and Co hyperlink CR.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040132	Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	Revised version of T2-040131

Discussion: none

Conclusion: APPROVED

Application ID

Tdoc	Title	Source	Comment
T2-040076	JavaTM Multipart Messaging Use Cases	JSR 205 Expert Group	

Discussion: These are use cases (multiplayer gamer, application provisioning, download extra features) as explained by JSR.

Conclusion: NOTED

Tdoc	Title	Source	Comment

Tdoc	Title	Source	Comment
T2-040078	**application addressing in MMS - a proposal for a finer granularity**	**Siemens + Infineon**	

Discussion: Use case presentation.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040077	**CR 23.140 Rel-6: Application-ID in MMS**	**JSR 205**	

Discussion: Orange and Vodafone commented that the application ID IEs should be added to the MM7_deliver.REQ (use case: chess game with a machine, therefore "VASP player").

Nokia commented that the content of the MM shall be passed unaltered (i.e. no content adaptation).

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040133	**CR 23.140 Rel-6: Application-IDs and Application-Free-Formatted-Data in MMS**	**Infineon, Siemens**	

Discussion: Several comments were made on the draft version.

The different companies (Ericsson, Nokia and Infineon) did not agree on the most appropriate technical solution for application IDs.

Action Point for Michel: to organise a phone conference to deal with this topic and to try to reach a conclusion before next T2 meeting. This phone call is to be announced in the SWG3 reflector.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-040079	**Application-Data in MMS Ericsson**	**Ericsson**	

Discussion: none

Conclusion: NOTED without presentation.

Private Numbering

TDoc	Title	Source	Comment
T2-040126	**Messaging Service Control Function**	**T-Mobile**	SWG3

Discussion: Friedhelm reported that SA3 looked into the security aspects of this work item. They replied in an LS to SA cc T that they don't see the need for any additional security work in this area (S3-040183).

The question was raised why the MMS Relay Server does provide all data elements of the MM message header to the MSCF via the MMx interrogation request? The use cases were not clear to everybody. Motorola thought that the a document describing the use cases could be useful.

Nokia felt, since only the MMX interface is indented to be defined and not the entity MCSF, this is a different approach for MM1, MM4, MM7. T-Mobile replied that by defining the interface the function of the entity will also be sufficiently described.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040068	**CR 23.140 Rel-6: Support of Messaging Service Control Function**	**T-Mobile**	SWG3

Discussion: The result-recipient-address IEs were proposed to be added to the MMX_Interrogation.RES. A reference for PLMN-ID is needed. It was agreed that the MMX interface shall be called MM10. Several more technical and editorial modifications were suggested.

Nokia referred to the MMS stage 1 requirement which is only talking about private addressing scheme. Nokia thinks that this CRl is going far beyond the stage 1 scope since all IEs are sent over MM10. They also expressed concerns about the completion of the enhanced scope of this work item in the timeframe of Rel-6. T-Mobile replied that a generic solution is the better choice. The SWG3 expressed his understanding that T2 has so for only a mandate to work on the private numbering scheme.

The impact on the end user seems to need more explanation. The more IE can be changed the higher the impact is. A detailed analysis is required. Some concerns were expressed to include all parameters into the interrogation.

Motorola supported in principle to go ahead with this work. However, Randall suggests narrowing the focus that the private numbering scheme is related to one MMS Relay/Server.

A long discussion took place on the way forward regarding the private addressing work item. The current status and identified questions can be found below:

Approach:

- **Create MM10?**   **- not yet clear**

- **MM10_interrogation.REG / RES?**   **- not yet clear**

- **Stage 3 based on DIAMETER?**   **- not yet clear**

Boundaries:

- **Private Addressing relates only to 1 single MMS Relay / Server?**

- **MSCF and MMS R/S must have a trusted relationship?**

- **Convey private or public address to the recipient?**
  -> service specific, depending on the information MSCF receives in interrog.REQ

- **Feasible during REL-6 ?**

- **Assumption: No impact on MM1 interface and or user experience (better or worse)?**

- **Need to define unique syntax for private addresses, or is definition of triggers on existing address formats sufficient?**

- **Need to define user profile or keep it implementation specific?**

- **Need to involve MM7, should VASP be able to send MMs to a private address?**

- **Is it possible that short code addressing and private addressing can conflict? Do we need to define rules of precedence (short code over private address or v.v.)?**

Matthias will summarize the intention of this work and deliver a document collecting the cases and send/present this to SWG3.

Conclusion: NOTED.

TDoc	Title	Source	Comment
T2-040069	MMx Interface based on Diameter protocol	T-Mobile	

Discussion: T-Mobile invited comments to this draft stage 3 specification.

The mapping of the stage 2 abstract messages to the stage 3 is missing. Also, the mapping of the IEs is missing.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040047	Private address use case	Huawei	

Discussion: No Huawai representative was available to present the document. The SWG3 chairman presented it briefly.

Matthias explained that this is one use-case which is covered by the solution proposed by T-Mobile.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040048	Sending a MM with subscriber specific schema	Huawei	

Discussion: No Huawai representative was available to present the document. The SWG3 chairman presented it briefly

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040080	**CR 23.140 Rel-6: MMS Relay/Server Identifier (MM7 Reference Point)**	**Telefonica**	

Discussion: Due to the absence of any Telefonica delegate, the SWG3 chairman presented the document.

Note from T2 secretary: The CR category is not F (correction). Cat B (addition of a new feature) seems more appropriate.

As a conclusion of the discussion of T2-040087, it was concluded that this CR is not required for the time being.

Conclusion: NOTED

TDoc	Title	Source	Comment
T2-040087	**draft TR Multiple MMS Relay/Server Architecture**	**Telefonica**	

Discussion: Due to the absence of any Telefonica delegate, the SWG3 chairman presented the document.

Ericsson does not see a matter of standardisation in the report. This could be done in a proprietary way.

T-Mobile thinks that it's good idea thinking about how to achieve this multiple MMS Relay/Server architecture in a harmonised way.

Motorola commented that the second case (parallel architecture) would need some work in standardisation. The specification accommodates already for the first case.

Vodafone thinks that the current spec allows for both flavours already. However, the work done is useful for providing guidelines but does not impose any new requirements on the specs.

It was concluded that no need was identified to change the normative text of 23.140. SWG3 recommends to the supporting companies to consider whether an informative annex would be more appropriate for this short document.

Conclusion: NOTED.

3GPP

TDoc	Title	Source	Comment
T2-040116	Size indication by MMS UA	T-Mobile	

Discussion: Motorola and Infineon mentioned the size can only be approximate cause of the different handset implementation that can compute not exactly the same size.

It was clarified during the discussion that the exact size of the MM is required, not during MM composition (that is dynamic), but just before MM submission. T-Mobile clarified that their intention is clearly that one.

Nokia mentioned that it should not be big deal and proposed to come back home with that proposal and think of it till the next T2 meeting.

Conclusion: NOTED.

TDoc	Title	Source	Comment
T2-040117	MMS volume classes	T-Mobile	

Discussion: Nokia and Vodafone's first feeling is that the presented solution seems to be a very complex solution –both from network and handset point of view-

T-Mobile mentioned that there is a request from GSMA CPWP to have charging transparency and the solution proposed in the document seems the only reasonable solution so far.

Conclusion: NOTED.

Additional Work Item(s) – IF ANY:

None

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	Status within SWG3	Comments
T2-040004	T2 specs status list	TB Officer	noted	Check if everyone's happy with the assigned roles
T2-040013	LS from GSMA SERG to SA1 cc T2 on MMS Error messages for Prepay (received 08 December 2003)	SerG Doc 244_03 Rev 1	noted	for action
T2-040014	LS from SA4 on support of hyperlinks in MMS	S4-030841	noted	for presentation
T2-040015	LS from SA2 on high bandwidth communication capability for USAT	S2-034364	noted	for info
T2-040017	LS from T3 on MMS as a Bearer for USAT	T3-030928	noted	for info
T2-040019	LS from TSG-T: Reply to various LS's on MMS as a Bearer for USAT	TP-030297	noted	for info
T2-040020	LS from TSG-T on MMS WID MM4 Private addressing	TP-030310	noted	for info
T2-040024	LS from RAN3 on mismatch of the IE type in 25.419, 23.041 and 25.324	R3-040156	noted	for action
T2-040025	LS from SA2 on identifying MMS Enabled devices and MMS Capabilities of those devices	S2-040364	noted	for presentation
T2-040026	LS from SA2 on MMS WID MM4 Private addressing	S2-040470	noted	for action
T2-040028	LS from SA1 on MMS targeting UE elements	S1-040188	noted	for info

T2-040029	LS from SA1 on MMS Prepay Service Requirements	S1-040189	noted	for action
T2-040030	LS from 3GPP2 TSG-C WG1 SWG1.4 concerning harmonization of MMS provisioning files between 3GPP & 3GPP2	TSGC-xxxx	noted	for info
T2-040032	Agenda SWG3 at T2#24	Infineon	approved	
T2-040035	CR 23.140 REL-6 MMS Online Charging	Siemens	noted	revised in T2-040128
T2-040036	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value	Nokia	noted	revised in T2-040125
T2-040042	LS from SA1 on MMS as a Bearer for USAT	S1-040255	noted	for info
T2-040045	LS from OMA MAG PUSH on Push over SIP	OMA-MAG-PUSH-2003-0022	noted	for presentation
T2-040047	Private address use case	Huawei	noted	
T2-040048	Sending a MM with subscriber specific schema	Huawei	noted	
T2-040050	LS to SA2 on MMS for Deferred Mode IMS Messaging.	Ericsson	noted	
T2-040052	CR 23.140 Rel 6: Support of the SIP URL as a valid MMS address.	Ericsson	noted	
T2-040053	CR 23.140 Rel 5: Correction of the MM7 Schema, for 'date'	Ericsson	noted	revised in T2-04095 and T2-04096
T2-040054	CR 23.140 Rel 6: On the handling of MM7 messages composed with different XML schema	Orange, Ericsson	approved	
T2-040055	CR 23.140 Rel 6: Content of RCPT in MM4	Ericsson	noted	revised in T2-040130
T2-040056	Refreshed Content	Motorola	noted	
T2-040060	CR 23.040 Rel-6 Confirm SMS Interworking Agreement	NTT DoCoMo	endorsed	revised in T2-0400123
T2-040061	CR 23.040 Rel 99 Error Message Correction	NTT DoCoMo Inc	noted	
T2-040062	CR 23.040 Rel4 Error Message Correction	NTT DoCoMo Inc	noted	
T2-040063	CR 23.040 Rel5 Error Message Correction	NTT DoCoMo Inc	approved	
T2-040064	CR 23.040 Rel6 Error Message Correction	NTT DoCoMo Inc	approved	
T2-040067	LS from GSMA IREG on issue for checking an SMS interworking agreement with mobile number portability	IREG Doc 46_052 Rev 1	noted	for action
T2-040068	Support of Messaging Service Control Function	T-Mobile	noted	
T2-040069	MMx Interface based on Diameter protocol	T-Mobile	noted	

T2-040070	Terminal detection based on IMEI (status report)	T-Mobile	noted	revised in T2-040127
T2-040071	Use cases on 'MM7 delivery conditions for MMS'	T-Mobile	noted	
T2-040072	MM7 delivery conditions for MMS	T-Mobile, Orange	noted	Feature endorsed in principle
T2-040073	Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	noted	revised in T2-040131
T2-040074	CR 23.140 R6: Updates to Annex M (Delivery Report Generation)	Ericsson	noted	revised in T2-040129
T2-040075	Clarification on recipients list	T-Mobile	noted	revised in T2-040135
T2-040076	JavaTM Multipart Messaging Use Cases	JSR 205 Expert Group	noted	
T2-040077	CR 23.140 Rel-6: Application-ID in MMS	Java Community, JSR-205 Expert Group	noted	
T2-040078	application addressing in MMS - a proposal for a finer granularity	Siemens, Infineon	noted	
T2-040079	Application-Data in MMS Ericsson	Ericsson	noted	
T2-040080	CR 23.140 Rel-6: MMS Relay/Server Identifier (MM7 Reference Point)	Telefonica	noted	
T2-040081	draft TR Multiple MMS Relay/Server Architecture	Telefonica	noted	revised in T2-040087
T2-040082	MMS stage 1 CRs approved by SA#22	TB Officer	noted	
T2-040083	MMS stage 1 CRs agreed by SA1#23	TB Officer	noted	
T2-040084	Report of SWG3#12, Sophia Antipolis, France, 21-22 January 2004	SWG3 chair	open	
T2-040085	Identify network dependencies in 23140-640	Infineon, Siemens	noted	
T2-040086	Proposed Solution for the MNP and SMS Interworking Issue Identified by GSM-A	NTT DoCoMo Inc.	noted	
T2-040087	draft TR Multiple MMS Relay/Server Architecture	Telefonica	noted	revised T2-040081
T2-040088	withdrawn	Nokia	withdrawn	
T2-040092	LS from T3 on high bandwidth communication capability for USAT	T3-040083	noted	for info
T2-040093	LS from T3 on the storage of URL bookmarks on USIM/ISIM	T3-040098	noted	for info
T2-040094	LS from T3 on Storage of Multimedia Messages on the USIM	T3-040161	noted	for action
T2-040095	CR 23.140 Rel 6; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	noted	revised T2-040053; revised in T2-040124

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T2-040096	CR 23.140 Rel 5; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	approved	revised T2-04053
T2-040116	CR 23.140 REL-6 on charging transparency	T-Mobile	noted	
T2-040117	CR 23.140 REL-6 on charging transparency	T-Mobile	noted	
T2-040118	Mail thread to SWG3 and status of SA#19 on Terminal Detection Based on IMEI	Infineon	noted	
T2-040119	LS to SERG, SA1 on implementation of prepaid error message	T-Mobile	approved	reply to T2-040029
T2-040120	Comments on T2-040073	Nokia	noted	
T2-040121	withdrawn		withdrawn	
T2-040122	LS to T3, cc OMA MWG MMSG on Storage of Multimedia Messages on the USIM	Infineon	approved	reply to T2-040094
T2-040123	CR 23.040 Rel-6 Confirm SMS Interworking Agreement	NTT DoCoMo	approved	revised T2-040060
T2-040124	CR 23.140 Rel 6; Correction of the MM7 Schema, for "date" (take 2)	Ericsson	approved	revised T2-04095
T2-040125	CR 23.140 Rel 6 - Stage 3, Charged Party, third party value	Nokia	approved	revised T2-0040036
T2-040126	Messaging Service Control Function	T-Mobile	noted	
T2-040127	Terminal detection based on IMEI (status report)	T-Mobile	noted	revised T2-040070 (PDF compatible + No ZIP in ZIP)
T2-040128	CR 23.140 REL-6 MMS Online Charging	Siemens, Infineon	approved	revised T2-040035
T2-040129	CR 23.140 R6: Updates to Annex M (Delivery Report Generation)	Ericsson	approved	revised T2-040074
T2-040130	CR 23.140 Rel 6: Content of RCPT in MM4	Ericsson	approved	revised T2-040055
T2-040131	CR 23.140 REL-6 Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	noted	revised T2-040073; revised in T2-040132
T2-040132	CR 23.140 REL-6 Management of Hyperlinks in MMS	T-Mobile, Orange, Telefonica, Vodafone	approved	revised T2-040132
T2-040133	CR 23140 REL-6 Application-Data in MMS Ericsson	Siemens, Infineon	noted	
T2-040134	withdrawn		withdrawn	
T2-040135	Clarification on recipients list	T-Mobile, Ericsson	approved	revised T2-020075
T2-040136	MMS transfer to OMA	Infineon	noted	

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T2-040137	LS to OMA-MWG-MMSG, 3GPP2-X cc T, SA, SA1, SA4, SA5, OMA-MWG, OMA-TP on MMS transfer to OMA	Infineon	open	
T2-040138	not used			
T2-040139	not used			
T2-040140	not used			
T2-040141	not used			
T2-040142	not used			
T2-040143	not used			
T2-040144	not used			
T2-040145	not used			
T2-040146	not used			
T2-040147	not used			
T2-040148	not used			
T2-040149	not used			
T2-040150	not used			
T2-040151	not used			
T2-040152	not used			
T2-040153	not used			
T2-040154	not used			
T2-040155	not used			
T2-040157	reply-LS from CN5 on Message Integration Broker	CN5	noted	
T2-030053	MMS and IMS Messaging	Comverse	noted	From T2#20

Annex B - Participants List

Name	Organisation represented	Phone	Email
Josef Laumen	Infineon Technologies AG	+49-5341-906-2830	Josef.laumen@infineon.com
Randall Grund	Motorola	+1.847.523.0946	Randall.Grund@Motorola.com
Hiroshi Saito	Panasonic	+81468405440	Saito.Hiro@jp.panasonic.com
Nigel Barnes	Motorola	+44 1256 790 169	Nigel.Barnes@motorola.com
Matthias Röbke	T-Mobile	+4922893633794	Matthias.roebke@t-mobile.de
Michel Houde	Ericsson	+1 514 345 2759	Michel.Houde@ericsson.com
Philippe Bellordre	Orange	+33 1 45 29 57 95	Philippe.bellordre@francetelecom.com
Timo Oikarinen	TeliaSonera AB	+358 40 5884011	Timo.oikarinen@teliasonera.com
Robert Moton	Cingular Wireless	+14042365913	Robert.moton@cingular.com
Shigeki KOMATSU	NEC Corporation	+81 468 47 6611	komatsus@mcd.yh.nec.co.jp
Paolo Franzoi	Vodafone Omnitel NV	+393482331149	Paolo.Franzoi@vodafone.com
Michael Rooke	Nokia	+358 40 733 5163	Michael.Rooke@nokia.com
Miraj Mostafa	Nokia	+358 40 572 9139	Miraj.mostafa@nokia.com
Friedhelm Rodermund	Mobile Competence Centre	+33 4 92 94 43 24	friedhelm.rodermund@etsi.org
Henrik Thuvesson	TeliaSonera AB	+46 40 10 51 22	henrik.thuvesson@teliasonera.com
Mario Bosi	Telecom Italia	+39 0639004218	mbosi@mail.tim.it
Paul Voskar	NOKIA UK Ltd	+44 1252 867430	paul.voskar@nokia.com
Nicola McGregor	NTT DoCoMo Inc	+81 468 40 6062	nicola@cet.yrp.nttdocomo.co.jp
Ian Harris	RIM	+44 7764217416	iharris@rim.net
Kurt Bischinger	T-Mobile AUSTRIA	+43 1 79 585 6972	kurt.bischinger@t-mobile.at
Aki Nagaoka	NTT DoCoMo Inc.	+81 46 840 3100	nagaokaa@nttdocomo.co.jp
Hisakazu Kojima	NTT DoCoMo Inc.	+81 46 840 3842	kojima@cet.yrp.nttdocomo.co.jp
Nicolas Chaumartin	Axalto	+33 1 46 00 74 71	N.chaumartin@axalto.com