

Draft T2#22 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#22
Cambridge, UK, 25-29 August 2003**



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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 and welcomed the delegates. Lars BRENK (TTPCom) welcomed the delegates to Cambridge on behalf of the TTPCom.

1.2 Approval of the agenda and schedule

The agenda and schedule was presented as in **T2-030371**. The agenda was agreed.

1.3 Notification of IPR Obligations

The chairman made the call for IPRs. **T2-030372** gives some background information on IPR issues and should be studied by member companies holding IPRs related to 3GPP standards.

The chairman drew the attention of the delegates to the fact that 3GPP Individual Members have an obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of. They were 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 TSG-Terminals and to notify the Director-General or 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.

1.4 Election of second T2 vice-chairman and appointment of SWG chairmen

At the recent T2 meeting Paul VOSKAR (Nokia) was elected as T2 vice-chairman. According to the 3GPP working procedures each group can have up to two vice-chairman. However, also at this meeting there was no candidate for the second vice-chair position and this position remains vacant. Delegates interested in this highly paid position are invited to contact the T2 chairman.

The terms of office of the SWG chairman expired at this meeting. Prem SOOD (Sharp) was re-appointed as chairman for SWG2. Josef LAUMEN (Siemens) was reappointed as chairman for SWG3.

It was agreed to close SWG1. Lars BRENK (TTPCom) will in his capacity as MExE specification rapporteur continue to be the contact person for any issues coming up in relation to MExE.

1.5 Report of the last T2 meeting

The report of T2#21 San Diego, CA, USA, 12-16 May 2003 (**T2-030370**) was approved.

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

ftp://www.3gpp.org/TSG_TWG2_Capability/TSMT2_21/Report

1.6 Reports from other groups

1.6.1 Report from TSG T

A summary of issues of T2 interest from the T#20 meeting held in Hämeenlinna, Finland, 4 - 6 June 2003 was presented by Friedhelm RODERMUND in **T2-030375**:

The report was noted.

The draft TSG-T#20 meeting report can be found in **T2-030376**.

The documents can be found on the FTP server at:

ftp://ftp.3gpp.org/TSG_T/TSG_T/TSQT_20

The specifications updated after T#20 can be found at:

ftp://www.3gpp.org/Specs/2003_06

1.6.2 Report from TSG SA

A summary of issues of T2 interest from SA#20 meeting held in Hämeenlinna, Finland, 9 - 11 June 2003 was presented by Friedhelm RODERMUND in **T2-030375**:

The report was noted.

The draft TSG-SA#20 meeting report can be found in **T2-030377**.

The documents can be found on the FTP server at:

ftp://ftp.3gpp.org/TSG_SA/TSG_SA/TSQS_20

1.6.3 Report from TSG T2 SWG1

No SWG1 meeting took place since the last T2 meeting.

1.6.4 Report from TSG T2 SWG2

No SWG2 meeting took place since the last T2 meeting. The SWG2 chairman Prem SOOD (Sharp) reported that the planned GUP-dedicated meeting of SWG2 was cancelled because of lack of input and participation.

1.6.5 Report from TSG T2 SWG3

No SWG3 meeting took place since the last T2 meeting.

1.6.6 ETSI AT-F / T2 joint meeting concerning fixed network SMS

T2 chairman Ian HARRIS reported from the joint ETSI AT-F / T2 meeting on fixed network SMS held on the 13th of August 2003 in Sophia Antipolis. An action was identified regarding a required clarification of the section of subaddressing in TS 23.040. On this topic, the SMS rapporteur Ian HARRIS created document T2-030468 for SWG3's attention. T2's attention was drawn to the fact that the work on fixed network SMSC is ongoing in AT-F and the every company who has an interest is invited to contribute to ETSI AT-F.

There were also some informal discussions about fixed line MMS. It was discussed how the MMS architecture differs from the SMS architecture.

1.6.7 SA5

SWG2 chairman Prem SOOD reported that SA5 is currently assessing whether subscription management will be based on GUP or not. They have moved the deadline for their work because more time is needed for completion.

1.6.8 Informal MMS chairs meeting

Ian HARRIS reported from an informal MMS chairs meeting which was held on the 23rd of June in Slough, UK. Currently MMS is discussed and specified in various bodies (3GPP, 3GPP2, OMA, CDG, 3G Americas, GSMA) and it is felt that convergence has to take place at some point. The informal MMS chairs meeting was not set-up to make any decision but to exchange views and possibly create suggestions on a way forward. These suggestions would then have to be brought forward to the Technical Bodies for agreement. The next MMS chairs meeting is scheduled for the 5th of September in Frankfurt. It was concluded that T2 is pleased that some attention is devoted to this topic. It is hoped to have an input paper from the joint MMS chairs meeting to the joint OMA-3GPP workshop taking place on the 15th of September. The SWG3 chairman will distribute this document to T2 if available. It was clarified that the workshop has no mandate to make decisions.

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_TWG2_Capability/TSMT2_22_Cambridge/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.

T2-030380 contains an LS from SA2 on DRX parameters update. The LS was noted.

T2-030382 contains an LS from CN4 on sending the SGSN's MNC and MCC to the GGSN and service node. The LS was noted.

T2-030383 contains an LS from RAN2 on DRX parameter. The LS was noted.

T2-030401 contains an LS from OMA Req on OMA Device Management. The SWG2 chairman pointed out that at the last TSG-SA meeting T2 was removed from the UEM work item because there was not sufficient support for this work item in T2. He also pointed out that there is some confusion on who is setting the requirements for device management (SA1 or OMA). The LS was passed to SWG2 for general comments and it was clarified that there is no expectation for a response. The LS was also passed to SWG3 because the attached device management specification deals with MMS parameter provisioning.

T2-030402 contains a European Commission recommendation on location-enhanced emergency call services. The document also mentions the possibility of having SMS created emergency calls. T2 felt that there could be situations where the use of SMS or even MMS emergency calls could be useful. For example in the case when a network is overloaded and it is not possible to get a speech call through. Also the generation of automatic emergency calls via SMS could be useful. It was felt that this topic was worth further discussion in 3GPP and that SA1 might wish to investigate if there are service requirements. Ian HARRIS volunteered to draft an LS to SA cc SA1, T in T2-030405 on this topic.

1.9 3GPP Work Plan

The latest version of the 3GPP work plan was available in **T2-030378**. Besides listing all the work items including the expected completion date and a progress indication, a lot of other useful information can be found (link to the WID, name of work item rapporteur etc.). The work plan is the main management tool for the 3GPP work program. All WGs are requested by the TSGs to review and update the work plan at each meeting. The work plan was not presented in detail at this meeting and Friedhelm RODERMUND will consult with the SWG chairs and work item rapporteurs for creating the update.

T2-030373 contains the list of TSs and TRs for which T2 is responsible showing the latest versions of these specifications. The document was noted. It was suggested to add to this list a column showing the work item code for each spec. The T2 secretary explained that this is not possible because a single specification can be affected by various work items.

1.10 AOB

The T2 chairman reported that there is still the outstanding issue on the support of CBS in UMTS to be addressed. As it stands TS 23.041 is not implementable in 3G networks. He asked if any company has an interest working together with him to solve the issue. "3" expressed their interest in this matter.

2 Subgroup 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#22 meeting are reported in the following clauses.

3 Closing Plenary

3.1 Results SWG1 Execution Environment

No SWG1 session took place during the T2#22 meeting. The MExE rapporteur Lars BRENK presented the following CR:

T2-030400 contains a CR to 23.057 correcting figure and table numbering. The CR was agreed.

3.2 Results SWG2 Terminal Interfaces and Capabilities

The SWG2 report in **T2-030411** was presented by SWG2 chairman Prem SOOD (Sharp). The report can be found in Annex D.

Topics discussed at this meeting included, Generic User Profiles, Subscription Management, AT Commands, WLAN Functions.

SWG2 reported a serious issue with the level of support of the GUP work from the WID supporting companies which may put the REL 6 work completion in serious jeopardy. There were no incoming contributions to this meeting from 4 of the 5 supporting companies on the WID. Concern was expressed that unless the supporting companies make a commitment to contribute to the development of TS 23.241 and TS 24.241, REL 6 schedules will not be met. Despite the above serious issue, other SWG2 members made significant contributions to this week's meeting, resulting in major progress on the two specs TS 23.241 and TS 24.241. The SWG2 Chair requested T2 and TSG-T assistance to confirm the support of GUP by WID supporting companies.

The SWG2 chairman reported that there is still no rapporteur for TS 24.241 and TS 23.227.

3.2.1 Change requests

T2-030510 contains a CR to 27.007 Rel-6 adding references to 24.008 for the 3G QoS AT-commands. It was pointed out that there is a risk of misalignment when including subclauses in references to other specifications because the subclause number in the referred specification may change. Motorola expressed strong concerns agreeing the CR as it stands. The CR was agreed but it was noted that TSG-T might want to discuss the inclusion of subclause numbers in this CR.

T2-030511 contains a CR to 27.007 Rel-5 adding reference to 24.008 for the 3G QoS AT-commands. The SWG2 chairman asked for guidance on how far back (R99 or Rel-4 or Rel-5) these CRs should be created. It was reported that TSG-SA and T gave some guidance that only essential corrections should be done to older releases. Motorola raised concerns that the Rel-5 CR was not necessary. However, the SWG2 chairman explained that not having this CR could lead to wrong implementations. The CR was agreed.

T2-030512 contains a CR to 27.007 Rel-4 doing corrections to AcTs of PLMN selection. It was pointed out that CRs going to TSG-T should not contain revisions on revisions but only changes to the specification text. The CR was revised to **T2-030524**. Motorola announced that they might want to review the CR at the TSG-T plenary since they think that the intention has changed from the original CR. They were referring to the first change which was inserted upon a suggestion of NTTDoCoMo to improve clarity but not to change functionality. The CR was agreed.

T2-030513 contains a CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection. The CR was revised to **T2-030525** removing the revisions on revisions and agreed.

T2-030514 contains a CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection. The CR was revised to **T2-030526** removing the revisions on revisions and agreed.

3.2.2 Outgoing Liaison Statements

T2-030516 contains an LS response to SA2 cc CN1, SA3 on UE Tunneling. T2 believes, that it would be desirable to keep the end-to-end tunneling mechanism as close to current VPN solutions as possible. The LS was agreed.

T2-030518 contains an LS to SA1, SA2 cc SA3, SA5, CN4 on usage of GUP reference points. For future LSs, T2 recommended not to use references to SWGs in LSs since LSs are sent out in the name of the whole T2. The LS was agreed.

T2-030521 contains an LS to SA2 on the hierarchical structure in GUP specs. Some clarifications were done to attachments mentioned in the LS. The LS was revised to **T2-030527** and agreed.

3.3 Results SWG3 Messaging

The report of SWG3 was presented in **T2-030431** by Josef LAUMEN (Siemens). The SWG3 report was revised with some minor modifications to **T2-030528**. Motorola commented that the discussion on the video mail indication was not correctly captured and expressed some concerns on the email sent to SWG3 on this matter. Companies are currently checking if they have problems with the proposed solution and are invited to comment to the SWG3 email list. The discussion period for these CRs (T2-030480 and T2-030492) on the SWG3 email list will end Friday, 5th of September. After that, it is the intention to send one of the CRs to the T2 plenary email list for e-approval 8-12 September. The SWG3 report was revised to **T2-030536** and can be found in Annex E.

T2-030497 contains the revised WID for REL-6 MMS Enhancements. For most of the items on the WID input was received at this meeting. According to the decision of T2#21, items with no input at this meeting were removed. The removed items were: Support for enhanced interworking and transcoding issues, support for detailed description of User Profile mechanisms, support for enhancements for streaming, support for enhancement of network based storage model in MMSE. TeliaSonera was added to the supporting companies. The WID was revised to **T2-030529** and agreed.

T2-030469 contains SWG3's comments on the document summarizing the 3GPP dependencies on OMA deliverables. The document has been created to help manage the relationship between 3GPP and OMA. The word "formal" was removed regarding the liaisoning with OMA on OTAP. The document was revised to **T2-030537**. It was agreed to send the document to the editor of this document Iain SHARP (Nortel) who will incorporate the suggested changes into a document which will be used in further 3GPP-OMA coordination discussions.

Future work: Any companies interested in AT commands for MMS are invited to provide input.

3.3.1 Change requests

T2-030479 contains a CR to 23.038 on additional indications in DCS. It was commented that the summary of change does not align with the change made. The CR was revised to **T2-030530** and agreed. (The box "ME affected" has to be ticked.)

T2-030451 contains a CR to 23.140 Rel-6 correcting invalid MM7 references and the MM7_deliver.RES example. The CR was agreed.

T2-030473 contains a CR to 23.140 Rel-6 doing several enhancements (addition of Forward Lock and Combined Delivery and other enhancements) to DRM support in MMS. The CR was agreed.

T2-030474 contains a CR to 23140 REL-6 improving the clarity on USIM versus Over The Air provisioning in MMS. Delegates were reminded to use the latest CR templates in future which are always available in the meeting folder. The CR was agreed.

T2-030482 contains a CR to 23.140 Rel-6 correcting inaccuracies in Annexes I & K. The CR was revised to **T2-030532** with the change of the category to F and other minor changes to the cover sheet. The CR was agreed.

T2-030490 contains a CR to 23.140 Size in Retrieval Request. Within a retrieval request the recipient MMS User Agent may indicate a size restriction of the returned MM (i.e., maximum size) that the MMS Relay/Server is to use in processing the retrieval request. The CR was agreed.

T2-030494 contains a CR to 23.140 Rel-6 on transfer-over-MM3. It introduces a more formalistic definition of how MM are to be transferred to external messaging services and how messages that originate from an external messaging service, e.g. email or voicemail, should be transformed into a compliant MM for access from the user's UA. The CR was revised to **T2-030533** and agreed.

T2-030495 contains a CR to 23.140 Rel-6 on the extension of the MM4 interface for the delivery report. A title was added to a table and the work item code corrected. The CR was revised to **T2-030534** and agreed.

T2-030499 contains a CR to 23.140 Rel-6 adding the support of reply charging in the case of forwarding. (The header has to be fixed and the revisions on the cover sheet have to be accepted.) The CR was agreed.

T2-030504 contains a CR to 23.140 Rel-6 adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3. The CR was agreed.

T2-030505 contains a CR to 23.140 REL-5 correcting "Date" to "TimeStamp" in the MM7 Schema. The CR was agreed.

3.3.2 Outgoing Liaison Statements

T2-030531 contains an LS to OMA-MAG, OMA-MAG-DLDRM cc TSG-T, OMA-MAG-MMSG, SA1, OMA-REQ on enhancements to DRM Support in MMS. T2 asks OMA-MAG and OMA-MAG-DLDRM group to confirm whether they also understand that the approved changes in attached T2-030473 allow the MMS to fully support the OMA DRM specification and provide additional detailed feedback in case they feel it appropriate. The LS was agreed.

T2-030405 contains an LS to SA, T cc SA1 on emergency services using SMS/MMS. T2 feels that the use of SMS and indeed MMS for emergencies is worthy of further debate within 3GPP. The LS was agreed.

T2-030471 contains an LS to T3, SA1, SCP WG cc SCP, GSMA ScaG on MMS capability of the card. It informs the addressed groups that 3GPP does not put any limitation on the maximum size for an MM now,

and has no intention to put any such limitation on MM size. It also reports from the situation in OMA regarding the maximum size. The LS was agreed.

T2-030472 contains an LS to TSG-T, SA1, SA2, T3 on the addition of MMS support by the USIM Application Toolkit. T2 confirms that it is in principle technically feasible for MMS to be used as a transport mechanism for the transfer of data (e.g. any application data) to and from a terminal. The LS was agreed.

T2-030475 contains an LS to SCP-WG3 on Text Attributes in Enhanced Messaging Service. T2 informs SCP-WG3, that T2 does not plan to change the “highly recommended” into a “shall”. The LS was agreed.

T2-030476 contains an LS to Java Community, JSR-205 Expert Group and SA1 on Application-ID in MMS. This LS addresses the requests from JSR-205 EG. The LS was agreed.

T2-030477 contains an LS to OMA Requirements Working Group cc OMA Device Management Group on OMA Device Management. T2 asks OMA Requirements Working Group to consider the list of MMS-specific parameters in the attached 3GPP specification while working further on the list in future. The LS was agreed.

T2-030487 contains an LS to SA2, CN4 cc SA1 on identifying MMS Enabled devices and MMS Capabilities of those devices. Spelling mistakes were corrected and two attachments were added. The LS was revised to **T2-030535** and agreed.

T2-030488 contains an LS to ETSI AT-F on SMS subaddressing. T2 advises AT-F that the wording in TS 23.040 is correct and that the sub-addressing is primarily aimed at services terminating in the SC or fixed network SME's directly connected to the SC. The LS was agreed.

T2-030489 contains an LS to RAN3 on CBS service area address. It advises RAN3 that more clarification is required for the distinction between “all cells in the BSC/RNC” and “full PLMN. The LS was agreed.

T2-030493 contains an LS to T3 cc SA1 on progress in T2 on the CBS. T2 asks T3 to continue to develop the CBS Data Download service based on the attached draft CR. The LS was agreed.

T2-030496 contains an LS to CPWP, MMS Task Force, cc SA5 on Routing of MM with multiple addresses. T2 proposes SA5 to ensure in TS 32.235 that charging covers the case of one single MM4_forward.req containing multiple addresses and asks GSMA BARG CPWP and the MMS Task Force if the solution proposed above fulfils the needs of the operators. The LS was agreed.

4 Future meeting schedule

T2-030379 contains the lists of future T2 meetings. The tentative future meeting dates suggested by the T2 secretary were supported by T2 noting that these dates are provisional and might change. Please find the future meeting dates below:

Meeting	Date	Location	Host
T#21	17–19 Sep 2003	Frankfurt, Germany	Siemens
SWG2#06 GUP	October 14-16, 2003	Vienna, Austria	T-Mobile
SWG2 JM with SA5 on GUP, SuM CANCELLED	Week of October 6-10 (1 day + prior 1 day SWG2 preparation)	New Orleans, LA, USA	
T#23	17–21 Nov 2003	Dallas, US	North American Friends of 3GPP
T#22	10–12 Dec 2003	Hawaii, US	North American Friends of 3GPP
T#24	16 – 20 Feb 2004	Europe (tbc)	EF3 (tbc)
T#23	10 - 12 Mar 2004	China	
T#25	19 - 23 April 2004		
T#24	2 - 4 Jun 2004	Korea	
T#26	23 – 27 Aug 2004		
T#25	8 - 10 Sep 2004	US	
T#27	8-12 Nov 2004		
T#26	13 - 16 Dec 2004	tbd	

For the complete 3GPP on-line meeting calendar see <http://www.3gpp.org>. It was available at this meeting in **T2-030374**.

Companies were invited to consider hosting future T2 meetings.

5 Any Other Business

None.

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 TTPCom for hosting the meeting and for providing the excellent facilities. He also expressed his thanks to the T2 secretary for his support.

Annex A List of all temporary documents

TDOC	Subject	Source	SWG
T2-030370	Draft Meeting Report T2#21, 12-16 May 2003, San Diego	T2 secretary	OP
T2-030371	Draft Agenda T2#22, Cambridge	T2 chairman	OP
T2-030372	IPR call and guidance	MCC	OP
T2-030373	T2 specs status list	MCC	OP
T2-030374	3GPP meeting calendar	MCC	CP
T2-030375	Summary of T#20 and SA#20 issues of T2 interest	T2 secretary	OP
T2-030376	Draft Report of TSG-T meeting #20, Hameenlinna	T secretary	OP
T2-030377	Draft Report of TSG SA meeting #20, Hameenlinna	SA secretary	OP
T2-030378	3GPP work plan	MCC	OP
T2-030379	T2 future meetings (will be produced after the end of the SWG sessions)	T2 secretary	OP
T2-030380	LS from SA2 on DRX parameters update	S2-032174	OP
T2-030381	LS from CN1 on 'Impacts on the UE of UE-Initiated Tunnelling'	N1-030817	SWG2
T2-030382	LS from CN4 on sending the SGSN's MNC and MCC to the GGSN and service node	N4-030685	OP
T2-030383	LS from RAN2 on DRX parameter	R2-031473	OP
T2-030384	LS from SA1 on MMS Service Requirements	S1-030640	SWG3
T2-030385	LS from SCP-WG3 on Text Attributes in Enhanced Messaging Service	SCP3-030124	SWG3
T2-030386	LS from T3 on MMS capability of the card	T3-030434	SWG3
T2-030387	LS from TSG-T on the addition of MMS support by the USIM Application Toolkit	TP-030150	SWG3
T2-030388	LS from PCCA on +WS46 AT Command	PCCA	SWG2
T2-030389	LS from Java Community, JSR-205 Expert Group on Application-ID in MMS	JSR-205 Expert Group	SWG3
T2-030390	LS from OMA MAG on proposed use of OMA DRM with MMS	OMA-MAG-2003-0032	SWG3
T2-030391	LS from SA2 on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs	S2-0302634	SWG3
T2-030392	LS from SA2 on usage of GUP reference points	S2-0302679	SWG2
T2-030393	LS from OMA MAG MMSG regarding support of DRM in 3GPP TS 23.140	OMA-MAG-MMSG-2003-0146	SWG3
T2-030394	LS from SA1 on MMS as a Bearer for USAT	S1-030922	SWG3
T2-030395	LS from SA1 on SMS/MMS Interworking from WLANs	S1-030967	SWG3
T2-030396	LS from SA5 on Rel-4/5 Roaming awareness	S5-034443	SWG3
T2-030397	LS from SA5 on sending the SGSNs MNC and MCC to the GGSN and service node	S5-034449	SWG3
T2-030398	LS from GSMA SCaG on MMS management in the UICC	SCaG Doc 075/03	SWG3
T2-030399	LS from EP SCP WG1 on MMS capability of the card	SCP1-030161	SWG3
T2-030400	CR 23.057 Correcting figure and table numbering	TTPCom	OP
T2-030401	LS from OMA Req on OMA Device Management	OMA-REQ-2003-0469	SWG2, SWG3
T2-030402	COMMISSION RECOMMENDATION on location-enhanced emergency call services	COMMISSION OF THE EUROPEAN COMMUNITIES	OP
T2-030403	3GPP Dependencies on OMA Deliverables	Iain Sharp, Nortel Networks	OP
T2-030404	LS from SA2 on LS on the addition of MMS support by the USIM Application Toolkit	S2-033242	SWG3
T2-030405	LS to TSG-SA, TSG-T cc SA1 on emergency services using SMS / MMS	T2	SWG3

T2-030406	not used		
T2-030407	not used		
T2-030408	not used		
T2-030409	not used		
T2-030410	SWG2 agenda at T2#22	SWG2 Chair	SWG2
T2-030411	SWG2 draft report at T2#22	SWG2 Chair	SWG2
T2-030412	Proposed changes to 23.241 v040	Sharp	SWG2
T2-030413	Proposed changes to 24.241	Sharp	SWG2
T2-030414	WLAN Interworking WID Question	SWG2 Chair	SWG2
T2-030415	Profile Component Group changes to 23.241	SWG2 Chair	SWG2
T2-030416	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection	Nokia	SWG2
T2-030417	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection	Nokia	SWG2
T2-030418	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection	Nokia	SWG2
T2-030419	CR 27.007 Rel-6: Adding reference to 24.008 for the 3G QoS AT-commands	Rapporteur	SWG2
T2-030420	Redefinition of Profile Instance Construct for 23.241	T-Mobile	SWG2
T2-030421	withdrawn	TeliaSonera	SWG2
T2-030422	23.241 v040 section 6 and 7 proposed changes	TeliaSonera	SWG2
T2-030423	Proposed changes to 24.241, Update of 413	Sharp	SWG2
T2-030424	Profile Component Group changes to 23.241 update of 415	SWG2 Chair	SWG2
T2-030425	Table of GUP Entities and associated structure	SWG2 Chair	SWG2
T2-030426	Proposed changes to 23.241v040, update of 412	Sharp	SWG2
T2-030427	Redefinition of Profile Instance Construct for 23.241	T-Mobile	SWG2
T2-030428	Re-submit Redefinition of Profile Instance Construct for 23.241	T-Mobile	SWG2
T2-030429	23.241 v0.4.1= 424+426	Rapporteur	SWG2
T2-030430	SWG3 agenda at T2#22	SWG3 Chair	SWG3
T2-030431	SWG3 draft report at T2#22		SWG3
T2-030432	CR 23.140 Rel-6 Cat B: Application-ID in MMS	JSR-205 Expert Group	SWG3
T2-030433	CR 23.140 Rel-6: Transfer-over-MM3	Comverse	SWG3
T2-030434	Extension of MM4 interface for delivery report (power point presentation)	CMCC, AT&T Wireless, Ericsson	SWG3
T2-030435	CR 23.140 Rel-6: Extension of MM4 interface for delivery report	CMCC, AT&T Wireless, Ericsson	SWG3
T2-030436	CR 23.038 Indications in DCS	Motorola	SWG3
T2-030437	CR 23.040 Videomail indication	Motorola	SWG3
T2-030438	CR 23.140 Retrieval response	Motorola	SWG3
T2-030439	CR 23.140 Terminal Capability Negotiation	Motorola	SWG3
T2-030440	discussion document: Terminal Capabilities pre MM Notification	Motorola	SWG3
T2-030441	withdrawn		SWG3
T2-030442	withdrawn	Nokia	SWG3
T2-030443	CR 23.140 Size in Retrieval Request	Motorola	SWG3
T2-030444	CR 23.140 Rel-6 Enhancements to DRM support in MMS	Vodafone	SWG3
T2-030445	withdrawn		SWG3
T2-030446	MMS Rel-6: Support for enhanced charging methods	AWS, T-Mobile	SWG3
T2-030447	MMS Rel-6: MM1 and MM4 enhancements	AWS, T-Mobile	SWG3
T2-030448	MMS Rel-6: Support for enhancements for media types/formats and multimedia presentation	AWS, T-Mobile	SWG3
T2-030449	MMS Rel-6: Support for security and privacy enhancements	AWS, T-Mobile	SWG3
T2-030450	MMS Rel-6: Charging Transparency	T-Mobile	SWG3
T2-030451	CR 23.140 Rel-6 Invalid MM7 references (revised 441)	Nokia	SWG3
T2-030452	CR 23.140 Rel-6 Adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3 (revised 442)	Nokia	SWG3

T2-030453	CR 23.140 v6.2.0 : "MMS creation modes and (U)SIM"	Orange	SWG3
T2-030454	CR 23.140 v6.2.0. "Conditional delivery mechanism for MMS"	Orange; Telefonica Moviles; T- Mobile	SWG3
T2-030455	SA#20-approved MMS stage 1 CRs for info: DRM, Charging Record Interface, User Profile, blacklisting capability	T2 secretary	SWG3
T2-030456	SA#20-approved MMS stage 1 CR for info: Error Messages in MMS	T2 secretary	SWG3
T2-030457	MMS Relay Server Interoperability	T-Mobile	SWG3
T2-030458	CR 23.140 Rel-6 "Management of Hyperlinks with MMS"	T-Mobile	SWG3
T2-030459	Discussion paper "Work item MMS Enhancements in Release 6 - Addressing"	T-Mobile	SWG3
T2-030460	CR 23.140 Rel-6 "Non MMS capable phones and VAS MM"	T-Mobile	SWG3
T2-030461	CR 23.140 Rel-6 "Legacy Terminal Detection"	T-Mobile	SWG3
T2-030462	CR 23.140 Rel-6: Reply charging in case of forwarding	Huawei Tech,China mobile	SWG3
T2-030463	Reply charging in case of forwarding	Huawei Tech,China mobile	SWG3
T2-030464	SA1#21-agreed MMS stage 1 CRs: Hyperlinks, MM storage in the USIM, Conditional delivery behaviour	SA1 secretary	SWG3
T2-030465	Discussion paper "Routing of MM with multiple addresses"	Orange, T- Mobile	SWG3
T2-030466	CR 23.140 Rel-6: Adding status value "unreachable" to delivery reports	Siemens	SWG3
T2-030467	withdrawn		SWG3
T2-030468	discussion paper - SM sub addressing	SMS rapporteur	SWG3
T2-030469	SWG3 dependencies on OMA output	SWG3 Chair	SWG3
T2-030470	Input to T2#22 on WID items	SWG3 Chair	SWG3
T2-030471	LS to T3, SA1, SCP WG1 cc SCP, GSMA SCaG on MMS capability of the card	T2	SWG3
T2-030472	LS to TSG-T, SA1, SA2, T3 on the addition of MMS support by the USIM Application Toolkit	T2	SWG3
T2-030473	CR 23.140 Rel-6 Enhancements to DRM support in MMS	Vodafone	SWG3
T2-030474	CR 23140 REL-6 clarification on USIM vs OTA provisioning	Siemens	SWG3
T2-030475	LS to SCP-WG3 on Text Attributes in Enhanced Messaging Service	T2	SWG3
T2-030476	LS to Java Community, JSR-205 Expert Group and SA1 on Application-ID in MMS	T2	SWG3
T2-030477	LS to OMA Requirements Working Group cc OMA Device Management Group on OMA Device Management	T2	SWG3
T2-030478	CBS Formats in UMTS	Celltick, "3", RIM	SWG3
T2-030479	CR 23.038 Indications in DCS	Motorola	SWG3
T2-030480	CR 23.040 Videomail indication	Motorola	SWG3
T2-030481	withdrawn	withdrawn	SWG3
T2-030482	CR 23.140 Rel-6: Inaccuracies in Annexex I & K	Ericsson	SWG3
T2-030483	CR 23.041 R'99 CBS Formats in UMTS	Celltick, "3", RIM	SWG3
T2-030484	CR 23.041 REL-4 CBS Formats in UMTS	Celltick, "3", RIM	SWG3
T2-030485	CR 23.041 REL-5 CBS Formats in UMTS	Celltick, "3", RIM	SWG3
T2-030486	CR 23.041 REL-6 CBS Formats in UMTS	Celltick, "3", RIM	SWG3
T2-030487	LS to SA2 cc CN4, SA1 on Legacy Terminal Detection	T-Mobile	SWG3
T2-030488	LS to ETSI AT-F on SMS subaddressing	T2	SWG3
T2-030489	LS to RAN3 on CBS service area address (follow-up to T2-030214)	T2	SWG3
T2-030490	CR 23.140 Size in Retrieval Request	Motorola	SWG3
T2-030491	CR 23.140 Retrieval response	Motorola	SWG3
T2-030492	CR 23.040 Videomail indication	Motorola	SWG3
T2-030493	LS to T3 cc SA1 on progress in T2 on the CBS	T2	SWG3

T2-030494	CR 23.140 Rel-6: Transfer-over-MM3	Comverse	SWG3
T2-030495	CR 23.140 Rel-6: Extension of MM4 interface for delivery report	CMCC, AT&T Wireless, Ericsson	SWG3
T2-030496	LS to GSMA BARG CPWP, GSMA MMS Task Force, SA5 on Routing of MM with multiple addresses	T2	SWG3
T2-030497	Revised WID for REL-6 MMS Enhancements	SWG3	SWG3
T2-030498	Input to T2#22 on WID items	SWG3 Chair	SWG3
T2-030499	CR 23.140 Rel-6: Reply charging in case of forwarding	Huawei Tech, China mobile	SWG3
T2-030500	CR 23.140 Rel-6 "Management of Hyperlinks with MMS"	T-Mobile	SWG3
T2-030501	LS to SA1 "Management of Hyperlinks with MMS"	T-Mobile	SWG3
T2-030502	Error in MM7 schema	Symsoft AB	SWG3
T2-030503	CR 23.140 REL-5 MM7 schema correction	Nokia	SWG3
T2-030504	CR 23.140 Rel-6 Adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3 (revised 442)	Nokia	SWG3
T2-030505	CR 23.140 REL-5 MM7 schema correction	Nokia	SWG3
T2-030506	not used		SWG3
T2-030507	not used		SWG3
T2-030508	not used		SWG3
T2-030509	not used		SWG3
T2-030510	CR 27.007 Rel-6: Adding reference to 24.008 for the 3G QoS AT-commands. Update of 419	Rapporteur	SWG2
T2-030511	CR 27.007 Rel-5: Adding reference to 24.008 for the 3G QoS AT-commands. Update of 419	Rapporteur	SWG2
T2-030512	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection	Nokia	SWG2
T2-030513	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection	Nokia	SWG2
T2-030514	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection	Nokia	SWG2
T2-030515	24.241 v0.4.0 baseline	SWG2 Chair	SWG2
T2-030516	LS to SA2 cc CN1, SA3: reply on UE Tunneling	T2	SWG2
T2-030517	23.241 v0.4.2= 428	Rapporteur	SWG2
T2-030518	LS to SA1, SA2 cc SA3, SA5, CN4 on on usage of GUP reference points	T2	SWG2
T2-030519	Working session changes to Section 5 of 23.241v.0.4.2	SWG2	SWG2
T2-030520	23.241 v0.4.3 = 519+523	Rapporteur	SWG2
T2-030521	LS to SA2 on Hierarchical Structure in GUP Specs	SWG2 Chair	SWG2
T2-030522	24.241 changes in Definitions	SWG2	SWG2
T2-030523	Working session changes to Section 6 of 23.241v.0.4.2	SWG2	SWG2
T2-030524	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection (revised T2-030512)	SWG2	OP
T2-030525	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection (revised T2-030513)	SWG2	OP
T2-030526	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection (revised T2-030514)	SWG2	OP
T2-030527	LS to SA2 on Hierarchical Structure in GUP Specs (revised T2-030521)	T2	OP
T2-030528	SWG3 report (revised T2-030528)	SWG3	OP
T2-030529	revised MMS WID (revised T2-030497)	SWG3	OP
T2-030530	CR 23.038 Indications in DCS (revsied T2-030479)	SWG3	OP
T2-030531	LS to OMA-MAG, OMA-MAG-DLDRM cc TSG-T, OMA-MAG-MMSG, SA1, OMA-REQ on Enhancements to DRM Support in MMS	T2	OP
T2-030532	CR 23.140 Rel-6: Inaccuracies in Annexex I & K (revised T2-030482)	SWG3	OP
T2-030533	CR 23.140 Rel-6: Transfer-over-MM3 (revsied T2-030494)	SWG3	OP
T2-030534	CR 23.140 Rel-6: Extension of MM4 interface for delivery report (revsied T2-030495)	SWG3	OP

T2-030535	LS to SA2, CN4 cc SA1 on identifying MMS Enabled devices and MMS Capabilities of those devices (revised T2-030487)	T2	OP
T2-030536	SWG3 report (revised T2-030528)	SWG3	OP
T2-030537	SWG3 dependencies on OMA output (revised T2-030469)	SWG3	OP
T2-030538	CR 23.040 Rel-6: Videomail message waiting indication in TP-UDH	SWG3	e-approved

Annex B Outgoing Documents

B.1 Change Requests submitted to TSG-T#21

The following CRs will be submitted to TSG-T#21 for approval:

"MExE" Change Request

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.057	122	-	Rel-6	Correcting figure and table numbering	D	6.1.0	6.2.0	T2-030400	TEI6

"Terminal Interfaces and Capabilities" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Version-Current	Version-New	T2 Tdoc	Workitem
27.007	111	-	Rel-6	Adding reference to 24.008 for the 3G QoS AT-commands.	A	6.3.0	6.4.0	T2-030510	TEI5
27.007	112	-	Rel-5	Adding reference to 24.008 for the 3G QoS AT-commands.	F	5.3.0	5.4.0	T2-030511	TEI5
27.007	113	-	Rel-4	Corrections to AcTs of PLMN Selection	F	4.6.0	4.7.0	T2-030524	TI-ATC
27.007	114	-	Rel-5	Corrections to AcTs of PLMN Selection	A	5.3.0	5.4.0	T2-030525	TI-ATC
27.007	115	-	Rel-6	Corrections to AcTs of PLMN Selection	A	6.3.0	6.4.0	T2-030526	TI-ATC

"SMS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.038	010	-	Rel-6	Additional Indications in SMS DCS	C	5.0.0	6.0.0	T2-030530	TEI6

T2 decided to send a CR to TS 23.040 Rel-6 on video message indication on e-approval 8-12 September. The intention was to chose either **T2-030480** or **T2-030492**.

*Post-meeting note: The CR which was finally e-approved can be found in **T2-030538**:*

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.040	068	-	Rel-6	Videomail message waiting indication in TP-UDH	C	6.1.0	6.2.0	T2-030538	TEI6

"MMS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.140	130	-	Rel-6	Invalid MM7 references	F	6.2.0	6.3.0	T2-030451	MMS6
23.140	131	-	Rel-6	Enhancements to DRM support in MMS	B	6.2.0	6.3.0	T2-030473	MMS6
23.140	132	-	Rel-6	Clarity on USIM versus Over the air provisioning in MMS	C	6.2.0	6.3.0	T2-030474	MMS6
23.140	133	-	Rel-6	Inaccuracies in Annexes I & K	F	6.2.0	6.3.0	T2-030532	MMS6
23.140	134	-	Rel-6	Size in Retrieval request	C	6.2.0	6.3.0	T2-030490	MMS6
23.140	135	-	Rel-6	Transfer over MM3	C	6.2.0	6.3.0	T2-030533	MMS6
23.140	136	-	Rel-6	Extension of MM4 interface for delivery report	B	6.2.0	6.3.0	T2-030534	MMS6
23.140	137	-	Rel-6	Reply charging in case of forwarding	B	6.2.0	6.3.0	T2-030499	MMS6
23.140	138	-	Rel-6	Addition of Information elements to MM7	B	6.2.0	6.3.0	T2-030504	MMS6
23.140	139	-	Rel-5	Correction of "Date" to "TimeStamp" in MM7 Schema	F	5.7.0	5.8.0	T2-030505	MESS5-MMS

B.2 Outgoing Liaison Statements

The following LSs were sent from T2#22:

TDOC	Subject	Comments
T2-030405	LS to TSG-SA, TSG-T cc SA1 on emergency services using SMS / MMS	sent 01/09/2003
T2-030471	LS to T3, SA1, SCP WG1 cc SCP, GSMA SCaG on MMS capability of the card	sent 01/09/2003
T2-030472	LS to TSG-T, SA1, SA2, T3 on the addition of MMS support by the USIM Application Toolkit	sent 01/09/2003
T2-030475	LS to SCP-WG3 on Text Attributes in Enhanced Messaging Service	sent 01/09/2003
T2-030476	LS to Java Community, JSR-205 Expert Group and SA1 on Application-ID in MMS	sent 01/09/2003
T2-030477	LS to OMA Requirements Working Group cc OMA Device Management Group on OMA Device Management	sent 01/09/2003
T2-030488	LS to ETSI AT-F on SMS subaddressing	sent 01/09/2003
T2-030489	LS to RAN3 on CBS service area address (follow-up to T2-030214)	sent 01/09/2003
T2-030493	LS to T3 cc SA1 on progress in T2 on the CBS	sent 01/09/2003
T2-030496	LS to GSMA BARG CPWP, GSMA MMS Task Force, SA5 on Routing of MM with multiple addresses	sent 01/09/2003
T2-030516	LS to SA2 cc CN1, SA3: reply on UE Tunneling	sent 01/09/2003
T2-030518	LS to SA1, SA2 cc SA3, SA5, CN4 on usage of GUP reference points	sent 01/09/2003
T2-030527	LS to SA2 on Hierarchical Structure in GUP Specs (revised T2-030521)	sent 01/09/2003
T2-030531	LS to OMA-MAG, OMA-MAG-DLDRM cc TSG-T, OMA-MAG-MMSG, SA1, OMA-REQ on Enhancements to DRM Support in MMS	sent 01/09/2003

T2-030535	LS to SA2, CN4 cc SA1 on identifying MMS Enabled devices and MMS Capabilities of those devices (revised T2-030487)	sent 01/09/2003
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B.3 Reports/Specifications submitted to TSG-T#21

None.

B.4 Work Items submitted to TSG-T#21

The following revised WID will be submitted to TSG-T#21 for approval:

T2-030529	revised WID MMS Enhancements (Rel-6)
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B.5 Other docs submitted to TSG-T#21

None.

Annex C: List of Participants

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Total number of delegates: 38

Annex D: Report from SWG2 UE Interfaces and Capabilities

3GPP TSG-T2 SWG2#22
Cambridge, UK
25-28 August 2003

T2-030411

Agenda Item: T2 Closing Plenary

Source: SWG2 Chairman

Title: Report of SWG2#22 CAMBRIDGE Meeting

Document for: Approval

ES Executive Summary

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

General:

The meeting was opened by Mr. Prem Sood on 11:35 am, 25th August 2003, and the delegates were welcomed to this meeting.

Nicola McGregor of NTT-DoCoMo, Kurt Bischinger of T-Mobil, and Sorin Christensen of Ericsson volunteered to act as the meeting secretaries.

The Meeting closed at 5.25 pm on Thursday August 28.

The proposed Agenda of the meeting in Draft3 of T2-030410 was approved.

One SWG2_05 meeting dedicated to GUP work scheduled for June 23-26, Vancouver, Washington, was cancelled due to lack of sufficient work.

Future Meetings:

The following Future Meetings were approved by SWG2 –

Meeting	Date	Venue	Comment
SWG2_05 GUP	October 14-16, 2003	Vienna, Austria	Confirmed
JM with SA5 on GUP, SuM	Week of October 6-10	New Orleans, LA, USA	tbc – SA5 One day meeting, prior day SWG2 prep.

AT Commands –

5 CR proposals on the AT-Commands (27.007) were approved for presentation to T2 for Approval. (2 basic CRs)

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.

3 outgoing LS's, were approved and are presented to T2 for Approval.

SWG2 Chair Request to T2 and TSG-T -

There is a serious issue with the level of support of the GUP work from the WID supporting companies which may put the REL 6 work completion in serious jeopardy. SWG2 would like to inform T2 that there were no incoming contributions to this meeting from 4 of the 5 supporting companies on the WID. This was discussed in the meeting. Concern was expressed that unless the supporting companies make a commitment to contribute to the development of 23.241 and 24.241, REL 6 schedules will not be met.

All 5 companies were asked for their plan for contributions to the REL 6 GUP work. 4 of the 5 indicated they had no plans to submit any contributions for GUP to T2. The 5th indicated that they planned to submit contributions but they would not be sufficient for the completion of the REL 6 work.

Despite the above serious issue, other SWG2 members made significant contributions to this week's meeting, resulting in major progress on the two Specs 23.241 and 24.241. The SWG2 Chair would like to thank those member companies while highlighting this serious risk to REL 6 work.

The SWG2 Chair would like to request T2 and TSG-T assistance to confirm the support of GUP by WID supporting companies.

Major progress was made on the Specs.

Subscriber Management –

Tdocs reviewed.

Other Items Executive Summary from SWG2 meeting -

None

Output Change Requests –

TDoc	Title	Source	Comment
T2-030510	CR 27.007 Rel-6: Adding reference to 24.008 for the 3G QoS AT-commands. Update of 419		
T2-030511	CR 27.007 Rel-5: Adding reference to 24.008 for the 3G QoS AT-commands. Update of 419		
T2-030512	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection		
T2-030513	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection		
T2-030514	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection		

Output Liaison Statements –

TDoc	Title	Source	Comment
T2-030516	LS Response to SA2 T2-030236 on UE Tunneling		
T2-030518	LS to S1/S2 on conflict between 22.240 and T2-030392		
T2-030521	LS to SA2 on Hierarchical Structure in GUP Specs		

Other Documents for T2 Approval–

TDoc No.	Title	Source	Status

ES Detailed Report

1. Opening of the meeting

The Chair of SWG2, Mr. Prem Sood, Sharp, opened the meeting at 11:35am on Monday, August 25th, 2003.

The Chair welcomed everyone to Cambridge UK and thanked TTPcom for hosting the meeting.

Nicola McGregor of NTT-DoCoMo, Kurt Bischinger of T-Mobil, and Soren Christensen of Ericsson volunteered to act as the meeting secretaries.

There were 12 delegates present at the opening of the meeting. More delegates joined on following days.

The Meeting closed at 5.25 pm on Thursday August 28.

1.1. Approval of the proposed Agenda

Document – T2-030410

TDoc No.	Title	Source	Status
T2-030410	Draft 3 SWG2 meeting agenda	SWG2 Chair	Approved

Presented by –

Chairman.

Resolution –

No comments were made concerning the agenda, items, or documents. 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

This item is to be revisited after determining whether the work schedule demands the needs for such a meeting.

Discussion on Future Meetings:

October 7-9, 2003 is supposed to be to soon to have enough contributions for a GUP Meeting. A meeting October 14-16 would allow more work to be done. T-Mobile will host a meeting in Vienna. At least three people will attend.

It is decided to hold a JM with SA5 on GUP, SuM, one day in Oct. 7-9, 2003, and a prior day of SWG2 prep.

Meeting	Date	Venue	Comment
SWG2_06 GUP	October 14-16, 2003	Vienna, Austria	confirmed
JM with SA5 on GUP, SuM	Week of October 6-10	New Orleans, LA, USA	tbc – SA5 One day meeting, prior day SWG2 prep.

1.4. Review of previous Action Points

Tdoc Draft1 T2-030411

AP Description	Assigned to	Due	Status & Comments
15.2 - to review Specs 22.240, 23.240 related to Generic User Profiles.	All SWG2	Recurring	See below
19.3 Look at T2-020915 GPRS/CS attributes, review for completeness and bring input to the next T2 meeting. How to capture and store the information, as well as keep up to date. How will this be used to validate the GUP design. Define the process in details	All SWG2	Opened	Pending to #21. All SWG2 requested. B Marchent will examine
21.1 – Develop company positions and discuss on the Reflector T2-030221 (see below)	All SWG2	SWG2 - August Meeting	

		Meeting	
21.2 - Review the draft of the specification S2-031885 and the TS-23.234 v.190 LS statement for feasibility and impacts of UE's for tunneling. Discuss on the reflector. SP-030313 Annex D and 5.6.3	All SWG2	SWG2 - August Meeting	
21.3 – Review all WLAN specifications (22.934, 23.234) for impacts to UE of WLAN work.	All SWG2	SWG2 - August Meeting	
21.4 – Review and understand the latest version of SuM TS 32.141 v1.1.0 S5-032233	All SWG2	SWG2 - August Meeting	

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.

“Document 221 is related to 261. Document 261 was read again for the benefit of those not present on Monday and because of its relationship to 221. There were 3 main areas of concern

1. What method for sync on Rp interface – SyncML or other. If SyncML, can DTD and Schema technology be mixed and does it make sense to use Schema technology if DTD's will be used for sync.
2. The extent of standardization - Should items below the RAF function be standardized, i.e treat UE as a black box, or is it required to make visible the UE internal blocks.
3. Security for the Rp interface. Need to send an LS to SA3.”

Noted that 22.240 and 23.240 are under change control now.

Henrik will check AP 19.3.

There were no further comments received on the discussions raised in Documents 221 and 261. The Chairman asked companies to readdress this issue so that the item can be discussed and closed this week.

21.3 SA2 is looking at 2 or 3 different options for UE tunneling and wanted T2 to check the options. A presentation from a SA2 delegate on the different options was given and companies were asked to assess the impact of the different options. (TS 23.234 can be retrieved from S2 031885)

There was a comment that SA2 stated that MMS should not be access dependent.

The Chairman closed the discussion by stating that SA2 will not wait for T2 and so if no comments were received then SA2 will assume that there are no issues with the 3 options.

Further details on this topic can be found in SP-030313 Annex D and 5.6.3, which was presented to SA for information. Approval is likely to be sought at the September meeting. The Chairman walked through the draft specification.

1.5. Appointment of Rapporteurs

The chairman proposed that rapporteurs were needed in one additional areas: 1) 23.227 Application and user interactions in the UE and 24.241 Stage 3 Common Objects.

The chairman made the call for volunteers, but none were found.

2 Items for immediate discussion.

Tdocs 414, 254

Document – T2-030414

TDoc No.	Title	Source	Status
T2-030414	WLAN Interworking WID Question	SWG2 Chair	

Presented by –

Prem Sood

Discussion –

Presented to give an overview. See discussions at agenda 3.1

Resolution –

The document was rediscussed later on.

Document – T2-030254

TDoc No.	Title	Source	Status
T2-030254	Enhancements of the GUP Information Model	S2-031379	

Presented by –

Prem Sood

Discussion –

A document on the main meeting agenda but due to lack of time was not presented at the last meeting. Members had been asked to review it. It was being presented here as it brought up the need for hierarchical structures. The document proposes a new group to be added to 23.240.

Resolution –

The document was noted.

3.1 SWG2 Ongoing Work on GUP, DDM, CO

Tdocs 412, 413, 254, 415, 401, 421, 422, 423

The Chairman pointed out that there was a lack of contributions from supporting companies on the GUP. The chairman wished to take the problem to T level and draw attention to the lack of support. The T2 Chairman suggested that the SWG2 found out which companies are willing to contribute to the specifications.

The T2 Chairman asked for the supporting companies to go back and check whether they still want to support the work or not but asked them to state their current stance.

Ericsson will no longer be contributing to T2 but they are still supportive of GUP work.

Nokia has been active so far and is still supportive of the work but stated clearly that they will not be bringing any further contributions to T2 itself.

Siemens is still interested in the outcome of the work but do not expect to provide any contributions to the work for the foreseeable future.

TeliaSonera is interested in GUP issues and has been contributing and is willing to carry on contributing, but cannot do the work by themselves.

Motorola would not likely be bringing contributions now or in the future but is still interested in the functionality. Motorola believes that at SA5 was looking into Device Management at OMA instead of GUP so Motorola was not sure who the end user of GUP was anymore. The SWG2 chairman pointed out that SA5 are still basing their SuM work on GUP.

The SWG2 Chairman stated that there was a serious problem, as 4 of the 5 supporters do not expect to contribute to the work. This was also a serious problem for SuM work. Unless the situation changes the GUP work will not be completed for Release 6. Nokia asked how much work was left to be done. Could the work be restricted? TeliaSonera agreed that this could be done.

The Chairman pointed out that sections 4, 5, and 6 were not complete and the GUP XML Schema was not there. If the scope is to be reduced, then a valid proposal for reducing the scope needs to be brought forward.

T-Mobile supports the work of GUP but they are not in a position to make essential contributions particularly sections 6 and 7 as they do not have the relevant expertise. T-Mobile will contribute where they can and T-Mobile is rapporteur for the SuM work hence they are interested in GUP.

TeliaSonera have been waiting for SuM since Release 4 and now they are concerned that it will not be ready for Release 6.

Document – T2-030412

TDoc No.	Title	Source	Status
T2-030412	Proposed changes to 23.241v040	Sharp	noted

Presented by –

Prem Sood

Discussion –

The majority of changes were editorial and were approved. The non-editorial change, deciding whether Profile Component Group or Data Element Group should be kept was delayed until after 413 had been visited.

Resolution –

The document was noted.

Document – T2-030426

TDoc No.	Title	Source	Status
T2-030426	Updated 412 (Proposed changes to 23.241v040)	Sharp	approved for next version of 23.241

Presented by –

Prem Sood

Discussion –

The Data Element definition is removed and just the PCG definition remains.

Resolution –

The document was approved for incorporation into 23.241.

Document – T2-030413

TDoc No.	Title	Source	Status
T2-030413	Profile Component Group changes to 23.241	Sharp	noted

Presented by –

Prem Sood

Discussion –

Extensive changes were required to bring the specification up to date with changes that had been made to other specifications.

Attention was drawn to the fact that Annex B1 contained an early draft and had errors in it. But due to lack of commitment to update this section then the Annex was left in. Annex C was removed as it was no longer relevant.

TeliaSonera proposed that IMS be added as an Annex. A placeholder was added as Annex C

Resolution –

The document was approved for incorporation into 24.241

Document – T2-030423

3GPP

TDoc No.	Title	Source	Status
T2-030423	Updated Profile Component Group changes to 23.241	Sharp	Approved as baseline of 24.24

Presented by –

Prem Sood

Discussion –

Updated 413.

Resolution –

The document was approved for incorporating into 24.241.

Document – T2-030515

TDoc No.	Title	Source	Status
T2-030515	23.241 v0.4.0 baseline	Sharp	Noted

Presented by –

Prem Sood

Discussion –**Resolution –**

The document was noted

Document – T2-030415

TDoc No.	Title	Source	Status
T2-030415	Profile Component Group for 23.241 and 23.240	Sharp	Noted, updated i 424

Presented by –

Prem Sood

Discussion –

Discusses options for enhancing 23.241 according to required changes from SA2.

Resolution –

The document was updated in 424 and noted

Document – T2-030424

TDoc No.	Title	Source	Status
T2-030424	23.241v0.4.0 changes for Profile Comp Group	Sharp	Approved for next baseline and LS

Presented by –

Prem Sood

Discussion –

Actual changes to the specification. T-Mobile and TeliaSonera are happy with the Profile Component Group approach. Siemens also prefer PCG.

No objection to moving to PCG approach.

Resolution –

The document was approved to proceed to next baseline of 23.241 and LS

Document – T2-030254

TDoc No.	Title	Source	Status
T2-030254	Enhancements of the GUP Information Model	S2-031379	

Presented by –

Prem Sood

Discussion –**Resolution –**

The document was Approved

Document – T2-030420

TDoc No.	Title	Source	Status
T2-030420	Redefinition of Profile Instance Construct for 23.241	T-Mobile International	noted and updated in 427

Presented by –

Kurt Bischinger

Discussion –

The proposal is intended to complement 415. The proposal is meant to complement the proposal in 415. One big difference is the idea that the data must be associated with a user. There were four main issues identified.

- 1) Profile instances = Physical representation of the GUP. Therefore is GUP level needed? Agree that there is a one to one relationship between profile instance and user. There was concern about the reaction of SA2. A physical instance will have affiliated description, type and ID. A profile /instance will have multiple profile component groups and use the profile groups as a way of partitioning data (figure 5.1.1).
- 2) Either Profile Component Group or Data Element Group – not both. Parts of 415 and 420 will be reflected in the specification and the revised specification will be sent to SA2.

Resolution – Updated in 427**Document – T2-030427**

TDoc No.	Title	Source	Status
T2-030427	Updated 420 (Redefinition of Profile Instance Construct for 23.241)	SWG2	noted, updated in 428

Presented by –**Discussion –**

Updated 420 The changes that were agreed were incorporated. This document is used as the basis for 428.

Resolution –

The document was noted.

TDoc No.	Title	Source	Status
T2-030425	Table of GUP entities and associated structure	Sharp	

Presented by –

Prem Sood

Discussion –

Contribution to help the analysis of the structure in 23.241.

Nokia commented that the proposed changes will entail changes to SA2 architecture document. Sharp commented that the new proposal was a better technical solution.

The choices are: do the PCG; do the data element group; or do nothing. For PCG, 70% of the changes are in TC-030424. "Do nothing" would mean that 23.241 will not be compliant with the architecture.

Resolution –

The document was noted.

Document – T2-030428

TDoc No.	Title	Source	Status
T2-030428	Redefinition of profile instance construct for 23.241	T-Mobile	Approved

Presented by –

Kurt Bischinger

Discussion –

Input based on changes proposed in 427.

Resolution –

This document was approved.

Document – T2-030429

TDoc No.	Title	Source	Status
T2-030429	23.241 v.0.4.1	Rapporteur	Noted

Presented by –

Kurt Bischinger

Discussion –

Prem expressed his great thanks to Kurt for taking on this work.

Resolution –

This document was noted.

Document – T2-030517

TDoc No.	Title	Source	Status
T2-030517	23.241 v.0.4.2	Rapporteur	Approved as new baseline

Presented by –**Discussion –**

SWG2 should review the document offline and come back to the rapporteur in case of questions

Resolution –

Approved as new baseline.

Document – T2-030519

TDoc No.	Title	Source	Status
T2-030519	Working session changes to section 5 of 23.241 v0.4.2	SWG2	noted

Presented by –**Discussion –**

Further changes for the Profile Component Group construct in section 5.

Information in 5.3 and 5.5 is redundant in big parts, 5.5.1 to 5.5.5 are deleted, parts of the content is moved to 5.3.1. Sections 5.3 and 5.4 give enough information to move on to the definition of XML.

Resolution –

The document was noted and approved for next version of 23.241

Document – T2-030520

TDoc No.	Title	Source	Status
T2-030520	23.241 v.0.4.3=519 + 523	Rapporteur	Noted. OK to attach to 521

Presented by –

Prem Sood

Discussion –**Resolution –**

Noted. OK to attach to 521

Document – T2-030521

TDoc No.	Title	Source	Status
T2-030521	LS to SA2 on Hierarchical Structure in GUP Specs	SWG2 Chair	approved

Presented by –

Prem Sood

Discussion –**Resolution –**

The document was approved.

Document – T2-030522

TDoc No.	Title	Source	Status
T2-030522	24.241 changes in Definitions etc.	SWG2	noted

Presented by –

Prem Sood

Discussion –

Definitions from 23.241 v0.4.2 taken to 24.241 v0.4.0

Resolution –

Document noted and approved as next baseline of 24.241

Document – T2-030523

TDoc No.	Title	Source	Status
T2-030523	Working Session changes in section 6, 7 of 23.241 v. 0.4.2	SWG2	noted

Presented by –

Prem Sood

Discussion –

Section 6 restructured for Profile, Profile Component Group and Profile Component. A general root template (XML) is moved to Annex B. This template is used to define root templates for every hierarchical level, i.e. a Profile root template where Profile descriptions can be derived from, a Profile Component Group root template and a Profile Component root template. After these templates have been created Annex B can be deleted.

Section 7 is of low priority.

Comments on section 6, security policy. Regarding this new AP were assigned.

AP22-2: To all SWG2: Review SA3 specs on GUP

AP22-1: To Nicola McGregor: Find out numbers of SA3 specs and distribute via email reflector

Resolution –

The document was noted and approved for the new version of 23.241.

TDoc No.	Title	Source	Status
T2-030421		TeliaSonera	withdrawn

Presented by –

Henrik

Discussion –**Resolution –**

The document was

TDoc No.	Title	Source	Status
T2-030422	TS23.241 v0.4.2 chapter 6 and 7 proposed changes	TeliaSonera	noted

Presented by –

Henrik

Discussion –

handled in working session

Resolution –

The document was noted.

Document – T2-030401

TDoc No.	Title	Source	Status
T2-030401	LS from OMA Req on OMA Device Management	OMA-REQ-2003-0469	Noted

Presented by –

Prem Sood

Discussion –**Resolution –**

The document was noted for information only.

3.2 Subscriber Management

Tdocs - 251, 392

Document – T2-030251

TDoc No.	Title	Source	Status
T2-030251	GUP for IMS Subscription Management	S2-031376	Noted

Presented by –

Prem Sood

Discussion –**Resolution –**

The document was noted

3GPP

Document – T2-030392

TDoc No.	Title	Source	Status
T2-030392	LS from SA2 on usage of GUP reference points	S2-0302679	Noted, with LS 518

Presented by –

Prem Sood

Discussion –

Kurt pointed out that the answer given to question D is in conflict with TS 22.240

Resolution –

The document was noted with LS 518.

Document – T2-030518

TDoc No.	Title	Source	Status
T2-030518	LS response on usage of GUP reference points	SWG2	approved

Presented by –

Kurt Bischinger

Discussion –**Resolution –**

The document was noted was approved.

3.3 AT Commands

TDocs 388, 419, 416, 417, 418

Document – T2-030388

TDoc No.	Title	Source	Status
T2-030388	LS from PCCA on +WS46 AT Command	PCCA	Noted

Presented by –

Prem Sood

Discussion –

Resolution –

The document was noted

Document – T2-030419

TDoc No.	Title	Source	Status
T2-030419	CR 27.007 Rel-6: Adding reference to 24.008 for the 3G QoS AT-commands	Rapporteur	Noted, Updated 510

Presented by –

Søren Christensen

Discussion –

3GPP

Prem stated the importance of having accurate specifications and thanked Søren for doing this clarification work.

Resolution –

The document was noted and is updated in 510.

Document – T2-030510

TDoc No.	Title	Source	Status
T2-030510	CR 27.007 Rel-6: Adding reference to 24.008 for the 3G QoS AT-commands	Rapporteur	Approved

Presented by –

Søren Christensen

Discussion –

Resolution –

The document was approved.

Document – T2-030511

TDoc No.	Title	Source	Status
T2-030511	CR 27.007 Rel-5: Adding reference to 24.008 for the 3G QoS AT-commands	Rapporteur	approved

Presented by –

Søren Christensen

Discussion –

Resolution –

The document was approved.

Document – T2-030416

TDoc No.	Title	Source	Status
T2-030416	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection	Nokia	Noted, Updated 512

Presented by –

Paul Voskar

Discussion –

Nicola (DoCoMo) Raised a question for clarification.

In the reason for change it is stated:

“According to Core Network specifications, it is not possible to indicate situation where 3G part of network is forbidden and 2G is allowed “

Is this statement in contradiction with the text in the CR, since this change implies that this can be done?

Prem (Sharp) This has similarities to +WS46, at that time it was rejected, why will Nokia propose a similar change again?

Paul, will come back with a clerical answer.

Resolution –

The document was noted and updated in 512

Document – T2-030417

TDoc No.	Title	Source	Status
T2-030417	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection	Nokia	Noted, Updated 513

			513
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Presented by –

Paul Voskar

Discussion –**Resolution –**

The document was noted and updated in 513

Document – T2-030418

TDoc No.	Title	Source	Status
T2-030418	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection	Nokia	Noted, updated in 514

Presented by –

Paul Voskar

Discussion –**Resolution –**

The document was noted and updated in 514

Document – T2-030512

TDoc No.	Title	Source	Status
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T2-030512	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection	Nokia	approved
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Presented by –

Paul Voskar

Discussion –

Category should be F. Draft was adopted accordingly.

Nokia provided an explanation NTT DoCoMo. NTT DoCoMo expressed thanks to Nokia.

No objections but some concerns (Ericsson, DoCoMo); some comments about the document not having been distributed via the email reflector;

The chairman explained how docs shall be made available to the group in advance to the meetings: Docs have to be sent to the secretary for upload to the server and delegates are strongly encouraged to distribute the document via the email reflector.

Explanation:

1. If user wants to go for example to Vodafone's WCDMA network, but he happens to live in the area where the coverage is poor and he can not get to the network, then the phone roams to Vodafone's GSM network. The meaning is: Terminal reselects. The purpose of the sentence is to avoid situation when there is no coverage on one access technology and the user does not know this. Without the sentence, the phone would be forced to go to the access technology even when there is no coverage.

2. This is exactly the point of the CR. In Rel-4 there was a CR (not from Nokia) to make it possible to select the access technology. This would have made it mandatory for a terminal to go to access technology even though there is no coverage. Now with this more flexible system, the phone can freely select the access technology that has the best coverage. If both access technologies have good coverage, then the users selection will remain valid.

Resolution –

The document was approved.

Document – T2-030513

TDoc No.	Title	Source	Status
T2-030513	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection	Nokia	approved

Presented by –

3GPP

Paul Voskar

Discussion –

Version number should be 5.3.0. Draft was adopted accordingly.

Resolution –

The document was approved.

Document – T2-030514

TDoc No.	Title	Source	Status
T2-030514	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection	Nokia	approved

Presented by –

Paul Voskar

Discussion –

Version number should be 6.2.0, category A; draft was changed.

Resolution –

The document was approved.

3.6 IMS

TDocs None

3.7 WLAN Functions

TDocs 381, 414

3GPP

Document – T2-030381

TDoc No.	Title	Source	Status
T2-030381	LS from CN1 on ‘Impacts on the UE of UE-Initiated Tunnelling’	N1-030817	Noted

Presented by –

Prem Sood

Discussion –**Resolution –**

The document was noted.

Document – T2-030414

TDoc No.	Title	Source	Status
T2-030414	WLAN Interworking WID	Sharp	Noted, members to check for interest

Presented by –

Prem Sood

Discussion –

The Chairman asked if there was any interest in starting work on WLAN Interworking, given the inputs that have been received from outside T2 asking for a T2 response. There was reluctance to start a TR or Feasibility Study. It was felt that if there is work to be done, then the companies pushing the work in SA2 would be the logical choice to drive it in T2. Those companies were not present. T2-030254 is provided for information.

Prem asked the group what the level of interest is in putting together a WID for UE aspects

Members will take the questions back to think about this issue.

Resolution –

The document was noted, Noted, members to check for interest

Document – T2-030236

TDoc No.	Title	Source	Status
T2-030236	LS on impacts on the UE of UE-Initiated Tunnelling	Sharp	Noted, with response in 516

Presented by –

Prem Sood

Discussion –

Prem brought the issue of this LS up as an open action point at the meeting, and asked the group how to handle this and if we should e make a response.

Paul (Nokia) tunneling should be kept as close to VPN as possible. This makes it possible to allow reusing existing client implementation.

Resolution –

This document was Noted, with response in 516

Document – T2-030516

TDoc No.	Title	Source	Status
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T2-030516	LS response to SA2 on UE tunneling	Nokia	Approved, for output to T2
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Presented by –

Paul Voskar

Discussion –**Resolution –**

This document was approved.

4.1 UE Functionality Split

Nigel Barnes explained that UE Functionality Split is alive again and a company has submitted an input in SA3. A technical report “Technical Report on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces (Release 6)” and is supported by Toshiba, Intel, T-Mobile, Nokia, Telcordia, Thomson, Fujitsu, HP, RIM, SmartTrust, BT Group PLC, Alcatel .UE Functionality Split was originally driven by Rob Lockhart, who is now happily retired in Florida.

TDocs**Document – T2-0300xx**

TDoc No.	Title	Source	Status
T2-0300xx			

Presented by –

Prem Sood

Discussion –

3GPP

Resolution –

The document was

Document – T2-0300xx

TDoc No.	Title	Source	Status
T2-0300xx			

Presented by –

Prem Sood

Discussion –**Resolution –**

The document was

4.2 Application and User Interaction

TDocs None

4.3 Other

Tdocs 402

Document – T2-030402

TDoc No.	Title	Source	Status
T2-030402	COMMISSION RECOMMENDATION on location-enhanced emergency call services	COMMISSION OF THE EUROPEAN COMMUNITIES	Not reviewed

Presented by –

Prem Sood

Discussion –

Resolution –

The document was not reviewed.

Document – T2-030403

TDoc No.	Title	Source	Status
T2-030403	3GPP dependencies on OMA deliverables	Nortel	Noted, no change from SWG2

Presented by –

Prem Sood

Discussion –

3GPP

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6.2 Meeting Report of this SWG2 Meeting

T2-030xx	Report of T2 SWG2 #22		

7. Deferred Items

None

8. Any Other Business

No

9. Future Meetings, Time Requirements

See Executive summary.

10. Close of the Meeting

The Meeting was closed at 5.25 pm on Thursday.

10.1. List of New Action Points added at this meeting

3GPP

AP Description	Assigned to	Due	Comments
AP22-1: Find out SA3 spec numbers on GUP and distribute information via email reflector	Nicola McGregor	#23	
AP22-2: Review SA3 specs on GUP	All SWG2	#23	

Annex A List of all temporary documents

3GPP TSG-T2 #22
CAMBRIDGE, UK
25-29 August 2003

DRAFT 3 Doclist SWG2

COLOR CODE

APPROVED - OUTPUT TO T2

NOTED/APPROVED – NO OUTPUT TO T2

PENDING / ACTION

NOT REVIEWED AT THIS MEETING

NOT DISCUSSED YET

Tdoc No.	TITLE	Source	Comments
T2-030373	T2 specs status list	MCC	Noted
T2-030378	3GPP work plan	MCC	Noted
T2-030381	LS from CN1 on 'Impacts on the UE of UE-Initiated Tunnelling'	N1-030817	Noted
T2-030388	LS from PCCA on +WS46 AT Command	PCCA	Noted
T2-030392	LS from SA2 on usage of GUP reference points	S2-0302679	Noted with LS in 518
T2-030401	LS from OMA Req on OMA Device Management	OMA-REQ-2003-0469	Noted

T2-030402	COMMISSION RECOMMENDATION on location-enhanced emergency call services	COMMISSION OF THE EUROPEAN COMMUNITIE S	Not reviewed
T2-030403	3GPP Dependencies on OMA Deliverables	Iain Sharp, Nortel Networks	Noted. No change from SWG2
T2-030410	SWG2 agenda at T2#22	SWG2 Chair	
T2-030411	SWG2 report at T2#22	SWG2 Chair	
T2-030412	Proposed changes to 23.241v040	Sharp	Updated in 426
T2-030413	Proposed changes to 24.241	Sharp	Updated in 423
T2-030414	WLAN Interworking WID Question	SWG2 Chair	Noted. Members to check for interest
T2-030415	Profile Component Group changes to 23.241	SWG2 Chair	Updated in 424
T2-030416	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection	Nokia	Updated in 512
T2-030417	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection	Nokia	Updated in 513
T2-030418	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection	Nokia	Updated in 514
T2-030419	CR 27.007 Rel-6: Adding reference to 24.008 for the 3G QoS AT-commands	Rapporteur	Updated in 510
T2-030420	Redefinition of Profile Instance Construct for 23.241	T-Mobile	Updated in 427
T2-030421		TeliaSonera	Withdrawn
T2-030422	23.241 v040 section 6 and 7 proposed changes	TeliaSonera	noted
T2-030423	Proposed changes to 24.241, Update of 413	Sharp	Approved as baseline of 24.241
T2-030424	Profile Component Group changes to 23.241update of 415	SWG2 Chair	Approved to proceed to next baseline of 23.241 and LS
T2-030425	Table of GUP Entities and associated structure	SWG2 Chair	Noted
T2-030426	Proposed changes to 23.241v040, update of 412	Sharp	Approved for next baseline of 23.241
T2-030427	Redefinition of Profile Instance Construct for 23.241	T-Mobile	Noted
T2-030428	Re-submit Redefinition of Profile Instance Construct for 23.241	T-Mobile	Approved for the next version of 23.241
T2-030429	23.241 v0.4.1= 424+426	Rapporteur	Noted.
T2-030510	CR 27.007 Rel-6: Adding reference to 24.008 for the 3G QoS AT-commands. Update of 419	Rapporteur	Approved for output to T2
T2-030511	CR 27.007 Rel-5: Adding reference to 24.008 for the 3G QoS AT-commands. Update of 419	Rapporteur	Approved for output to T2

	QoS AT-commands. Update of 419		to T2
T2-030512	CR 27.007 Rel-4: Corrections to AcTs of PLMN Selection	Nokia	Update of 416. Approved for Output to T2
T2-030513	CR 27.007 Rel-5: Corrections to AcTs of PLMN Selection	Nokia	Update of 417. Approved for Output to T2
T2-030514	CR 27.007 Rel-6: Corrections to AcTs of PLMN Selection	Nokia	Update of 418. Approved for Output to T2
T2-030515	24.241 v0.4.0 baseline	SWG2 Chair	Noted
T2-030516	LS Response to SA2 T2-030236 on UE Tunneling	Paul Voskar	Approved for Output to T2
T2-030517	23.241 v0.4.2= 428	Rapporteur	Approved as the new baseline
T2-030518	LS to S1/S2 on conflict between 22.240 and T2-030392	K. Bischinger	Approved for Output to T2
T2-030519	Working session changes to Section 5 of 23.241v.0.4.2	SWG2	Approved for the next version of 23.241
T2-030520	23.241 v0.4.3 = 519+523	Rapporteur	Noted. OK to attach to 521
T2-030521	LS to SA2 on Hierarchical Structure in GUP Specs	SWG2 Chair	Approved for Output to T2
T2-030522	24.241 changes in Definitions	SWG2	Approved for next baseline of 24.241
T2-030523	Working session changes to Section 6 of 23.241v.0.4.2	SWG2	Approved for the next version of 23.241
T2-030236	LS from SA2 on UE Tunneling	SA2	Noted, with Response in 516
T2-030251	SA2 CR GUP for IMS Subscription Management	SA2	Noted

Annex B FINAL AGENDA

3GPP TSG-T2 SWG2#22
Cambridge, UK
25-28 August 2003

T2-030410

Agenda Item: 1.1

Source: SWG2 Chairman

Title: DRAFT 4 Agenda SWG2#22 Meeting

Document for: Approval

1. Opening of the meeting

- 1.1 Approval of this Meeting's Agenda, Chairman's comments 410
 - Recording of Incoming Docs & assignment to Agenda 410, doclist
- 1.2 Co-located Joint and Dedicated Meetings, time schedule this week
- 1.3 Future Meetings Confirmation – proposed list is in Agendum 9
- 1.4 Review of Progress on Action Items Draft1 411
- 1.5 Appointment of Rapporteurs – 23.227, 24.241

2. Items for immediate discussion –

2.1 414, 254

2.2 Level of Contributions on 23.241, 24.241

3. SWG2 Ongoing Work

3.1 SWG2 Ongoing Work on GUP, DDM, 412, 413, 254, 415, 420, 401, 421, 422, 423, 424, 425, 426, 427, 428, 429, 515, 518, 517, 519, 520, 521, 522, 523

3.2 Subscriber Management 251, 392

3.3 AT Commands 388, 419, 416, 417, 418, 510, 511, 512, 513, 514

3.4 IMS

3.5 WLAN functionality 381, 414, 236 (AP21.2), 516

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) 402, 403

5. Review of WI's progress, SWG2 and T2 relevant items in 3GPP work plan 373, 378

6. Approval of Output Drafts and Documents for T2 Approval

6.1 Liaison Statements, etc.

6.2 Meeting Report of this SWG2 meeting Draft 10 411

7. Deferred Items

8. Any Other Business**9. Future meetings, Time requirements**

SWG2_05 on GUP – October 14-16, 2003 Vienna

JM with SA5 on GUP, SuM – One day, October 6-10, 2003 New Orleans, prior day SWG2 prep. (TBC)

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

Annex C List of Participants

DELEGATE	ORGANIZATION	E-MAIL
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Annex E: Report from SWG3 Messaging

Agenda Item: T2 Closing Plenary

Source: SWG3 Chair

Title: Report of SWG3

Document for: Approval

Executive Summary:

General:

The SWG3 sessions at T2#22 were attended by 28 delegates. Philippe Bellordre, Orange, volunteered as meeting secretary.

All in all 92 tdocs were processed, among these 16 incoming LSs. No document needed to be postponed to the next meeting.

One LS from SA2, T2-030391, on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs could not be answered yet. It was therefore kept pending until T2#23 in order to then provide feedback to SA2.

T2-030319 on MMS prepaid solution, source: Huawei, was postponed upon request from the source.

Action items from T#20, SA#20, T2#22 opening plenary:

REL-6 MMS Enhancements WID (From T2#22 opening plenary):

Those working areas which had no input to this or past meetings were deleted from the WID. A revised WID for REL-6 MMS Enhancements was produced in T2-030497.

3GPP Dependencies on OMA Deliverables (From T2#22 opening plenary)

SWG3 endorsed T2-030469 which shows SWG3's dependencies on OMA output - for presentation to T2 CP.

MMS support by the USIM / USIM Application Toolkit (From T#20)

Two LSs were produced:

- T2-030471, LS to T3 on MMS capability of the card
- T2-030472, LS to T cc SA1, SA2, T3 on the addition of MMS support by the USIM Application Toolkit

It was felt that more investigations w.r.t. the impact of USAT when using MMS as transport mechanism are needed before T2-SWG3 can make a final decision regarding its feasibility. Contributions on further analyzing the impacts are encouraged.

Clarity on USIM / OTA provisioning (From T#20)

A CR towards 23.140 REL-6 clarifying the co-existence of USIM vs OTA provisioning was approved in T2-030474.

DRM in MMS (From T#20)

Some important matters on DRM support in MMS could be resolved in T2-030473 - an approved CR towards 23.140 Rel-6.

CBS matters

Four CRs (late arrivals) on **CBS formats in UMTS** (R'99 to REL-6: T2-030483, T2-030484, T2-030485, T2-030486) were kept pending until T2#23 in order to allow companies to check their implications more thoroughly.

A long outstanding issue w.r.t. RAN3 was closed with T2-030489, an LS to RAN3 on **CBS service area address** (follow-up to T2-030214).

SMS matters

SWG3 has created and approved an LS on **emergency services using SMS/MMS** to SA, T cc SA1 – a matter which arose during T2#22 opening plenary.

An issue on **SMS subaddressing** which came up at the recent joint meeting with ETSI AT-F could be resolved in LS T2-030488.

The topic of **Videomail message waiting indication** was discussed thoroughly and two CRs towards 23.040 were created, the preferred one in T2-030480 and an alternative one in T2-030492. These touch a very sensitive area regarding existing terminals, concerns were raised that existing terminals may be masking the upper bits of the field instead of evaluating the full range of bits as indicated in 23.040, resulting in misinterpretation of the new message. '3' pointed out that this will never really be a problem, as videomail would only ever be services associated with new 3G devices. It would be extremely unlikely that the new message would be sent to an old terminal.

The CRs were kept pending, subject to an SWG3 e-mail discussion (until Sept 5th). Recipients were asked whether their implementation masked the higher order bits. The intention was not give freedom of choice between the CRs for any other reason other than implications on existing implementations.

Subsequent T2 e-mail approval will take place until Sept, 12th.

EMS matters

The only EMS matter was an incoming LS in T2-030385 from SCP-WG3 on **Text Attributes** in Enhanced Messaging Service. This was replied to in T2-030475.

MMS REL-4 issues

None

MMS REL-5 issues

The only REL-5 matter discussed were **MM7 schema** corrections which were approved in a CR to 23.140 in T2-030505.

MMS REL-6 issues

SWG3 endorsed T2-030469 which shows **SWG3's dependencies on OMA** output - for presentation to T2 CP.

An MM1 enhancement was agreed in T2-030490, CR to 23.140, which allows an MMS UA to indicate size restrictions for the MM in the retrieval request.

The reply-charging feature was further extended to the forwarding case. The related CR is T2-030499.

The **interworking over MM3** was specified in detail in T2-030494: an informative annex mapping MMS information elements to and from email / VPIM systems.

In T2-030495 the MM4 interface was extended allowing the requesting of **inter-MMS R/S delivery reports**.

Several MM7 stage 2 CRs which were approved at T2#21 were now implemented in the **MM7 Schema** in T2-030504.

An LS was received from the Java Community which requests the introduction of an **Application-ID** in MMS. The issue was debated but could not be concluded. The Java Community is encouraged to provide 3GPP with the use cases and SA1 is asked to discuss the underlying requirements (T2-030476).

Problems regarding routing of MMs with multiple addresses were brought up and the proposed solution is conveyed to GSMA and SA5 in T2-030496.

Additional topics debated but which need further discussions are MM1 enhancements, Management of Hyperlinks with MMS, Legacy Terminal Detection, Terminal Capability Negotiation,

For more REL-6 work see also “Action items from T#20, SA#20, T2#22 opening plenary” above.

Future Meetings:

Meeting	Date	Venue	Comment
T2#23	17-21 Nov 2003	US	

No ad-hoc meeting planned. Next T2 SWG3 meeting will be T2#23 meeting in November.

Output Work Item Descriptions from SWG3:

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030497	Revised WID for REL-6 MMS Enhancements	SWG3	Approved	

Output Change Requests from SWG3:

CBS:

None

SMS:

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030479	CR 23.038 Indications in DCS	Motorola	Approved	revised T2-030436

EMS:

None

MMS:

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030451	CR 23.140 Rel-6 Invalid MM7 references (revised 441)	Nokia	Approved	
T2-030473	CR 23.140 Rel-6 Enhancements to DRM support in MMS	Vodafone, AWS, Ericsson	Approved	revised T2-030444
T2-030474	CR 23140 REL-6 clarification on USIM vs OTA provisioning	Siemens	Approved	
T2-030482	CR 23.140 Rel-6: Inaccuracies in Annexex I & K	Ericsson	Approved	revised T2-030298
T2-030490	CR 23.140 Size in Retrieval Request	Motorola	Approved	revised T2-030433
T2-030494	CR 23.140 Rel-6: Transfer-over-MM3	Comverse	Approved	revised T2-030433
T2-030495	CR 23.140 Rel-6: Extension of MM4 interface for delivery report	CMCC, AT&T Wireless, Ericsson	Approved	revised T2-030435
T2-030499	CR 23.140 Rel-6: Reply charging in case of forwarding	Huawei Tech, China mobile	Approved	revised T2-030462
T2-030504	CR 23.140 Rel-6 Adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3 (revised 442)	Nokia	Approved	revised T2-030452
T2-030505	CR 23.140 REL-5 MM7 schema correction	Nokia	Approved	

Output Liaison Statements from SWG3:

CBS:

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030489	LS to RAN3 on CBS service area address (follow-up to T2-030214)	Celltick	Approved	
T2-030493	LS to T3 cc SA1 on CBS data format	Motorola	Approved	

SMS:

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030405	LS to SA, T cc SA1 on emergency services using SMS/MMS	RIM	Approved	
T2-030488	LS to ETSI AT-F on SMS subaddressing	SMS rapporteur	Approved	

EMS:

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030475	LS to SCP-WG3 on Text Attributes in Enhanced Messaging Service	Siemens	approved	reply to T2-030385

MMS:

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030471	LS to T3 on MMS capability of the card	Nokia	Approved	
T2-030472	LS to T cc SA1, SA2, T3 on the addition of MMS support by the USIM Application Toolkit	"3"	Approved	
T2-030476	LS to Java Community, JSR-205 Expert Group and SA1 on Application-ID in MMS	Siemens	Approved	reply to T2-030389
T2-030477	LS to OMA Req on OMA Device Management	Nokia	Approved	reply to T2-02030401
T2-030487	LS to SA2 cc CN4, SA1 on Legacy Terminal Detection	T-Mobile	Approved	

T2-030496	LS to CPWP, MMS Task Force, cc SA5 on Routing of MM with multiple addresses	T2	Approved	
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List of Action Items:

AI#	Related tdoc #	Subject	Action Item	Responsible
T2#21-008	T2-030026	LS rom SA1 on MM7 functionality enhancements requested by GSMA SERG	Identify if there's need for changes to 23.140 (Paolo)	Paolo (Vodafone)
T2#21-012	T2-030315	reply-LS to RAN3 on Clarification on "Restriction of Service Area List"	Further clarification / response to RAN3's actions needed	Ian (rapporteur of 23041)
T2#22-001	T2-030307	CR 23.140 Rel-6: Clarification of the definition of message size	Come up with a revised version to clarify MM size definition, e.g. example calculatioon based on example MM in info. Annex	Randall (Motorola)

Detailed Report:

Action items from T#20, SA#20, T2#22 opening plenary

3GPP/OMA dependencies

Tdoc	Title	Source	Comment
T2-030403	3GPP OMA dependencies	Nortel	

Discussion: Comment was done to add a dependency on DRM for MMS and to precise the "3GPP impact if not done" for the MMS case. Status of work for OMA MM1 was also added and two other items were added on Terminal Capability Negotiation and Terminal Provisioning.

Conclusion: NOTED. Will be revised in T2-030469

Tdoc	Title	Source	Comment
T2-030469	3GPP T2-SWG3 dependencies on OMA deliverables	T2 SWG3 chairman	

Discussion: none

Conclusion: ENDORSED

MMS and USAT

Tdoc	Title	Source	Comment
T2-030387	LS on the addition of MMS support by the USIM Application Toolkit	T	

Discussion: is T2 the right group to discuss about this topic?

It is agreed to answer that MMS can be used for the specified T request.

Conclusion: NOTED. LS to be sent back to T in T2-030472

Tdoc	Title	Source	Comment
T2-030472	LS to T, SA1, SA2, T3 on addition of MMS support by the USIM Application Toolkit	T2	

Discussion: Basically, T2 confirms that it is in principle technically feasible for MMS to be used as a transport mechanism for the transfer of data to and from a terminal.

Miraj was not happy with the wording of the CR and the role of T2 in this USAT stuff. This LS was rephrased.

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030386	LS on MMS capability of the card	T3	

Discussion: Two issues in this LS:

- To consider MMS as a bearer to send and receive MMs for toolkit use, like SMS is used today
- The capability to store MMs on the card

Answer suggestion: max size of a MM is not standardised in 3GPP. There are recommendations from OMA in MMS conformance document (but for short term)

Conclusion: NOTED: LS to be sent back to T3 in T2-030471

Tdoc	Title	Source	Comment
T2-030404	Response LS on MMS support by USAT	SA2	

Discussion: SA2 considers that MMS appears to be a suitable 'bearer' to use as a natural evolution of multiple concatenated SMSes.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030394	LS on MMS as a Bearer for USAT	SA1	

Discussion: SA2 considers that MMS appears to be a suitable 'bearer' to use as a natural evolution of multiple concatenated SMSes.

Conclusion: NOTED

Tdoc	Title	Source	Comment

T2-030398	LS on MMS management in the UICC	ScAG	
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Discussion:

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030399	LS on MMS capability of the card	EP SCP WG1	

Discussion:

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030471	LS to T3, SA1, SCP WG1; Cc SCP,GSMA SCaG on MMS capability of the card	T2	

Discussion: some rephrasing

Conclusion: APPROVED

MMS R6 WID

Tdoc	Title	Source	Comment
T2-030470	Input on MMS WID items to T2#22 – Based on T2-030313	T2 chairman	

Discussion: This document relates the input documents for this meeting with the MMS R6 WI.

From this list, it can be seen that there are no contributions for this meeting on:

- "network-based storage MM Box",
- "Interworking & Transcoding ",
- "User profile mechanism (GUP)",
- "Streaming" (hyperlink functionality is moved to MM1 enhancements)
- "Alternative UA capabilities (out from last T2 meeting)
- "Presence & MMS" (out from last T2 meeting)

So these items were removed from the MMS Rel-6 WID (see doc T2-030497)

Conclusion: NOTED. Revised as T2-030498

Tdoc	Title	Source	Comment
T2-030498	Input on MMS WID items to T2#22 – Based on T2-030313	T2 chairman	Revision of T2-030470

Discussion: none

Conclusion: ENDORSED

Tdoc	Title	Source	Comment
T2-030497	WID for Rel-6 MMS enhancements	T2 SWG3	

Discussion: From document T2-030498, the Rel-6 WID was updated.

The above-mentioned items were removed.

The "OTA provisioning" item was considered as completed.

The supporting company list was updated.

Conclusion: APPROVED

MMS and DRM

Tdoc	Title	Source	Comment
T2-030390	Proposed use of OMA DRM with MMS	OMA	

Discussion:

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030393	Reply LS regarding support of DRM in 3GPP TS 23.140	OMA	

Discussion:

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030444	Enhancements to DRM support in MMS (CR 23.140 R6)	Vodafone, Ericsson, AWS	

Discussion:

Josef and Miraj: good CR in principle but would be better to reference the DRM spec in some part of the CR rather than copying/rephrasing this CR. Other comments as well.

Conclusion: NOTED. To be revised offline in T2-030473.

Tdoc	Title	Source	Comment
T2-030473	Enhancements to DRM support in MMS	Vodafone, Ericsson, AWS	Revision of T2-030444

Discussion: Randall commented that DRM support by the MMS UA should rather be mandatory. Miraj replied that we can not expect all the terminal to have DRM capabilities (depends on their "marketing position" (low end, ...)).

A lot of observations were made to more clearly precise MMS R/S and MMS UA when receiving/delivering a DRM-protected object.

Conclusion: APPROVED

MMS and OTA provisioning

Tdoc	Title	Source	Comment
T2-0303474	Clarification of USIM vs OTAP provisioning (CR rel -6)	Siemens	

Discussion:

T requested us to precise that USIM MMS provisioning and OTAP provisioning for MMS may not be separate way to provision an MMS handset.

This CR intends to clarify that point

Conclusion: APPROVED

Incoming Liaison Statements:

Tdoc	Title	Source	Comment
T2-030384	LS from SA1 on MMS Service Requirements	SA1	

Discussion: None

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030395	LS from SA1 on SMS/MMS Interworking from WLANs	SA1	

Discussion: None

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030396	LS from SA5 on Rel-4/5 Roaming awareness	SA5	

Discussion: None

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030397	LS from SA5 on sending the SGSNs MNC and MCC to the GGSN and service node	SA5	

Discussion: None

Conclusion: NOTED

Tdoc	Title	Source	Comment

T2-030385	LS from SCP-WG3 on Text Attributes in Enhanced Messaging Service	SCP WG3	
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Discussion:

Conclusion: NOTED. LS back in T2-030475

Tdoc	Title	Source	Comment
T2-030475	Reply-LS to SCP-WG3 on Text Attributes in Enhanced Messaging Service	T2	

Discussion: None

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030389	LS from Java Community, JSR-205 Expert Group on Application-ID in MMS	JCP JSR-205 Expert Group	

Discussion: Michel (Ericsson): the consideration of the MM7 part is missing.

Question arises about the backward compatibility of the mechanism proposed by JCP: there may be some problems (Ansgar, T-Mobile). Miraj stated that unrecognised should be ignored by MMS UA.

It was concluded the best way forward is to send this LS to SA1 to ask guidance and to ask JCP to provide high-level use cases (for clarification) to SA1 and us.

Conclusion: NOTED. Reply LS to JCP and SA1 in T2-030476

Tdoc	Title	Source	Comment
T2-030476	Reply-LS to JCP JSR-205 and SA1 on Application-ID in MMS	T2	

Discussion: some minor comments

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030432	CR 23.140 Rel-6 Cat B: Application-ID in MMS	JSR-205 Expert Group	

Discussion: done as part of the discussion of the associated LS (see above)

Conclusion: NOTED

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

Discussion: SA2 asks 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. That was the T2 proposal to SA2 in a LS sent during T2#21

Michel (Ericsson) raises the fact that the scope of the CR to be written could either be adding the support for the SIP URL format or the support by the MMS R/S of a complete SIP-based new stack (huger task).

The scope is to be clarified before an LS could be sent back to SA2

Conclusion: PENDING until T2#23

Tdoc	Title	Source	Comment
T2-030401	LS from OMA Req on OMA Device Management	OMA	

Discussion: If the OMA device management spec, MMS part, is compared with the USIM parameters list (in 23.140), it can be seen that they are pretty much in line but some little differences exist.

Conclusion: NOTED. Reply LS in T2-030477.

Tdoc	Title	Source	Comment
T2-030477	LS to OMA-Req, Cc OMA-Dev Management on OMA Device Management	T2	

Discussion: Some rewording

Conclusion: APPROVED

CBS matters:

Tdoc	Title	Source	Comment
T2-030489	LS to RAN3- Clarification on "Restriction of Service Area List"	T2	

Discussion:

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030478	CBS structure in UMTS	Celltick Technology, 3	

Discussion: Discussion document

Conclusion:NOTED

Tdoc	Title	Source	Comment
T2-030486	CR 23.041 Rel-6: CB data structure	T2 SWG3	

Discussion: related to the discussion paper T2-030478.

Some companies required some time to check this document when back home.

Conclusion: PENDING until T2#23

Tdoc	Title	Source	Comment
T2-030483	CR 23.041 Rel-99: CB data structure	T2 SWG3	

Discussion:

Some companies required some time to check this document when back home.

Conclusion: PENDING until T2#23

Tdoc	Title	Source	Comment
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T2-030484	CR 23.041 Rel-4: CB data structure	T2 SWG3	
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Discussion:

Some companies required some time to check this document when back home.

Conclusion: PENDING until T2#23

Tdoc	Title	Source	Comment
T2-030485	CR 23.041 Rel-5: CB data structure	T2 SWG3	

Discussion:

Some companies required some time to check this document when back home.

Conclusion: PENDING until T2#23

Tdoc	Title	Source	Comment
T2-030493	LS to T3, Cc SA1 on Progress in TSG T2 on the CBS	T2	

Discussion: CR T2-030483 was attached to this LS.

Conclusion: APPROVED

SMS matters:

Tdoc	Title	Source	Comment
T2-030436	CR 23.038 Additional indication in SMS DCS (Rel 6)	Motorola	

Discussion: Editorial modifications. Discussed with T2-030437

Conclusion: NOTED. Revised CR in T2-030479

Tdoc	Title	Source	Comment
T2-030437	CR 23.040 Videomail message waiting indication in TP-UDH	Motorola	

Discussion: Ian would prefer that another code value (than the one assigned in the CR) could be used: continue the list of assigned bits rather than replacing the "other message waiting" codepoint. Backward compatibility could be a problem with the proposed solution.

Conclusion: NOTED. Revised CR in T2-030480

Tdoc	Title	Source	Comment
T2-030468	SM sub addressing	23.040 rapporteur	

Discussion: During a recent joint meeting between T2 and AT-F it was highlighted by AT-F delegates that they were confused about some wording in 23.040 concerning sub addressing. This discussion document explains the problem.

Conclusion: NOTED. A reply LS to AT-F to be sent in T2-030488

Tdoc	Title	Source	Comment
T2-030479	CR 23.038 Additional indication in SMS DCS (Rel 6)	Motorola	Revised version of T2-030436

Discussion:

Conclusion: APPROVED.

Tdoc	Title	Source	Comment
T2-030480	CR 23.040 Videomail message waiting indication in TP-UDH	Motorola	Revised version of T2-030437

Discussion: some clarifications were added.

A new CR T2-030492 will be written, to present an alternative implementation. However, T2-030480 is the preferred T2 mechanism.

Conclusion: PENDING, subject to e-mail discussion (Until Sept 5th; e-mail approval until Sept, 12th)

Tdoc	Title	Source	Comment
T2-030492	CR 23.040 Videomail message waiting indication in TP-UDH	Motorola	

Discussion: alternative implementation to T2-030480

Conclusion: PENDING, subject to e-mail discussion (Until Sept 4th; e-mail approval until Sept, 12th)

Tdoc	Title	Source	Comment
T2-030488	SMS sub addressing	23.040 rapporteur	

Discussion:

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030405	LS to SA, T, Cc SA1 : emergency services using SMS/MMS.	T2	Action for T2 opening plenary

Discussion:

Conclusion: APPROVED

EMS matters:

NONE

MMS REL-4 issues:

NONE

MMS REL-5 issues:

Tdoc	Title	Source	Comment
T2-030503	CR Rel-5 Correction of MM7 schema	Nokia	Based on doc T2-030502

Discussion: Some corrections needed**Conclusion:** NOTED. To be revised in T2-030505

Tdoc	Title	Source	Comment
T2-030505	CR Rel-5 Correction of MM7 schema	Nokia	Revision of T2-030503

Discussion:**Conclusion:** APPROVED

MMS REL-6 issues:

Addressing

Tdoc	Title	Source	Comment
T2-030459	Work item <i>MMS Enhancements in Release 6 - Addressing</i>	T-Mobile	

Discussion: The T-Mobile proposal is to adapt the only GPRS specific APN resolution as described in TS 23.060 for MM4 MMS addressing and take the Internet addressing (RFC 822) only for MM3.

Conclusion: NOTED. Corresponding Rel-6 CR to be produced in T2-030481.

Tdoc	Title	Source	Comment
T2-030481	Work item <i>MMS Enhancements in Release 6 - Addressing</i>	T-Mobile	

Conclusion: WITHDRAWN (may be produced by next meeting)

Charging

Tdoc	Title	Source	Comment
T2-030319	MMS Prepaid Solution	Huawei	

Discussion: none

Conclusion: postponed to T2#23

Tdoc	Title	Source	Comment

T2-030450	Charging transparency	T-Mobile	
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Discussion: T-Mobile proposes an architectural solution that may be based on adding 2 new MM1 transactions. The MMS R/S will send tariff information to the terminal and it will be up to the terminal to calculate the price of the MM, based on received tariffs. Jerry (Comverse), Michel (Ericsson) and Randall (Motorola) argued that the solution might not be as simple.

Miraj (Nokia) mentioned that roaming situations might be difficult, since price may also depend on the interoperator contract,

Ansgar (T-mobile) will bring the charging transparency requirement to SA1, before coming back to T2 to propose a technical realisation.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030463	Reply charging in case of forwarding	Huawei; China Mobile	

Discussion: discussion document. No comments.

Conclusion: NOTED.

Tdoc	Title	Source	Comment
T2-030462	CR 23.140 Rel-6: Reply charging in case of forwarding.	Huawei; China Mobile	

Discussion: minor comments. Clarification is needed.

Conclusion: NOTED. Will be revised in T2-030499.

Tdoc	Title	Source	Comment

T2-030499	CR 23.140 Rel-6: Reply charging in case of forwarding.	Huawei; China Mobile	Revision of T2-030462
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Discussion: Editorial comments

Conclusion: APPROVED

Editorial modifications

Tdoc	Title	Source	Comment
T2-030298	Inaccuracies in Annexes I & K (CR)	Ericsson	

Discussion: This document was postponed from the last T2 meeting.

Conclusion: NOTED. Revised in T2-030482

Tdoc	Title	Source	Comment
T2-030482	Inaccuracies in Annexes I & K (CR)	Ericsson	Revision of T2-030298

Discussion:

Conclusion: APPROVED

Hyperlinks

Tdoc	Title	Source	Comment
T2-030458	Management of Hyperlinks with MMS	T-Mobile	

Discussion: Friedhelm mentioned that support of hyperlinks is already mentioned in TS 26.140 and TS 26.234 specs, R5 onward.

Miraj (Nokia), Randall (Motorola) and Marcin (Access) stated that this CR was too descriptive and should better refer to another specification.

Conclusion: NOTED. To be revised in T2-030500.

Tdoc	Title	Source	Comment
T2-030500	Management of Hyperlinks with MMS	T-Mobile	Revision of T2-030458

Discussion: Document presented for information to collect comments.

Conclusion: NOTED. Should be resubmitted in T2#23.

Tdoc	Title	Source	Comment
T2-030501	LS to SA1 on management of Hyperlinks with MMS	T2	

Discussion: Marcin (Access) indicated that it may not be appropriate to submit this LS so early and further discussion may be needed.

Conclusion: NOTED as a step to indicate pros and cons. Not delivered as output

SA/SA1 approved CRs on MMS

Tdoc	Title	Source	Comment
T2-030455	SA#20-approved MMS stage 1 CRs for info: DRM, Charging Record Interface, User Profile, blacklisting capability	T2 Secretary	

Discussion: This is a list of SA#20 approved CRs regarding MMS Stage 1 22.140 spec

Conclusion: NOTED

Tdoc	Title	Source	Comment
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T2-030456	SA#20-approved MMS stage 1 CR for info: Error Messages in MMS	T2 Secretary	
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Discussion: This is a list of SA#20 approved CRs regarding MMS Stage 1 22.140 spec

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030464	SA1#21-agreed MMS stage 1 CRs: Hyperlinks, MM storage in the USIM, Conditional delivery behavior	SA1 Secretary	

Discussion: This is a list of SA1#21 (and not SA-approved yet) approved CRs regarding MMS Stage 1 22.140 spec

Randall (Motorola) mentioned that there may be an error in the CR on conditional delivery. Submission might be replaced by delivery. Individual companies will be responsible to raise that point at next SA meeting.

Conclusion: NOTED

Legacy terminal detection

Tdoc	Title	Source	Comment
T2-030461	CR 23.140 Rel-6 "Legacy Terminal Detection"	T-Mobile	

Discussion: Randall stated that the new requirement in this CR may rather be related to the MM5 or MM6 section. Editorial mistakes were noticed also.

Miraj suggested sending an LS to SA2 to know if they have another mechanism (than IMEI-based) for legacy detection in the R6 timeframe. That was agreed. A revised CR may be drafted after reception of an answer from SA2.

Conclusion: NOTED. LS to be sent to SA2 cc CN4, SA1 in T2-030487.

Tdoc	Title	Source	Comment
T2-030487	LS to SA2 cc CN4, SA1 on legacy terminal detection in TS 23.140	T2	

Discussion: Minor comments.

Conclusion: APPROVED

MM Size

Tdoc	Title	Source	Comment
T2-030307	Clarification of the definition of message size	Logica CMG	

Discussion: No Logica CMG delegate was attending the meeting. The document (pending from T2#21 meeting) was however presented by Josef.

It was felt that this CR may not be absolutely correct, from a technical point of view and Logica CMG misinterpreted 23.140 spec. However, the following step should be to clarify certain parts of the MMS size definition – without changing the meaning- to avoid such misinterpretation.

Conclusion: NOTED.

Action for Randall: come up (next T2 meeting) with a revised version to clarify MM size definition

MM1 documents

Tdoc	Title	Source	Comment
T2-030439	Terminal Capability negotiation on MM1	Motorola	

Discussion: Removal of the note regarding MM size was questioned.

Randall precised that the scope of the CR was not to mandate content adaptation but rather terminal Capability negotiation.

Randall stated that present MMS conformance document v1.2 already mandates TCN in the MMS R/S.

Miraj (Nokia) felt uncomfortable with this CR requirement. An offline discussion should take place between Randall and Miraj.

Conclusion: NOTED.

Tdoc	Title	Source	Comment
T2-030440	Terminal Capabilities pre MM notification	Motorola	

Discussion: this discussion doc relates to the previous CR. The functionality discussed in this document would allow content adaptation prior to notification.

It was suggested to have words about this functionality mentioned in the LS T2-030487.

Conclusion: NOTED.

Tdoc	Title	Source	Comment
T2-030443	CR 23.140 Size in Retrieval Request	Motorola	

Discussion: Philippe (Orange) stated that Orange wants to support the general philosophy of this CR, but the exact behavior of the MMS R/S may be missing.

Josef mentioned that a technical implementation of that functionality may be done via the "Delta" UA Prof attribute. Josef mentioned that the "size restriction" new information element should rather be optional than mandatory.

As a compromise, the information element "Size restriction" was removed and left to implementation (for example via UA prof)

Conclusion: NOTED. Will be revised in T2-030490.

Tdoc	Title	Source	Comment
T2-030490	CR 23.140 Size in Retrieval Request	Motorola	Revision of T2-030443

Discussion: Miraj and Michel mentioned that UAProf mechanism may fulfill the functionality specified in this CR. Randall replied that we should not mix stage 2 and stage 3 and let stage 3 "dictate" stage 2.

Miraj proposed not to add a new information element but rather complete the TCN section.

During the meeting, it was felt that some work may be needed on the TCN section of the spec.

Other revisions done offline.

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030438	Retrieval reponse from MMS UA	Motorola	

Discussion: The aim is to have an error message to be sent back to the MMS R/S when the retrieval of MM was not successful. Michel (Ericsson) agreed on the philosophy of the CR.

Ian précised that the idea of this CR is close to a one presented in Velen and that was rejected after long discussions. Josef suggested that Ian and Randall could have an offline discussion together on that topic.

Conclusion: NOTED. Will be revised in T2-030491.

Tdoc	Title	Source	Comment
T2-030491	Retrieval reponse from MMS UA	Motorola	Revision of T2-030438

Discussion: Ansgar clarified that we should not mix errors occurring at radio link and errors occurring at the MMS UA and that, for him, this CR should only cover the second use case (errors occurring at the MMS UA level). Long long discussion..... and it appeared that the CR scope may not be so clear.

Conclusion: NOTED. A revised CR should be presented in T2#23

Tdoc	Title	Source	Comment
T2-030454	Conditional delivery mechanism for MMS	Orange; Telefonica Moviles; T- Mobile	

Discussion:

Juan (Telefonica) presented the CR.

Josef and Randall commented that a more precise description of MMS retrieval modes (automatic or manual) is needed.

Miraj and Josef were uncomfortable with the use cases suggested in the SA1 CR and some examples were given.

A lot of precisions need to be brought to this CR, and in particular it is not clear what the MMS User Agent should do, when receiving information that is not the same as the one configured in the MMS UA. It was commented that the SA1 CR gives MMI requirements that is unusual.

Conclusion: NOTED. To be revised by T2#23 meeting.

Tdoc	Title	Source	Comment
T2-030466	Adding status value "unreachable" to delivery reports	Siemens	

Discussion: CR still to be clarified.

Conclusion: NOTED.

MM3 documents

Tdoc	Title	Source	Comment
T2-030433	CR 23.140: Transfer over MM3	Comverse	

Discussion: some comments from Michel, in particular. Other comments on the normative status of the annex (some companies would prefer informative).

Conclusion: NOTED. To be revised in T2-030494.

Tdoc	Title	Source	Comment

T2-030494	CR 23.140: Transfer over MM3	Comverse	Revision of T2-030433
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Discussion: no comments

Conclusion: APPROVED

MM4 documents

Tdoc	Title	Source	Comment
T2-030434	Extension of MM4 interface for delivery report (power point presentation)	Ericsson, CMCC, AWS	

Discussion: This document shows the principles of the mechanism that is next described in the T2-030435 CR.

Conclusion: NOTED.

Tdoc	Title	Source	Comment
T2-030435	CR 23.140 Rel-6: Extension of MM4 interface for delivery report	Ericsson, CMCC, AWS	

Discussion: minor comments on this CR, especially some minor clarifications needed.

Conclusion: NOTED. Will be revised in T2-030495

Tdoc	Title	Source	Comment
T2-030495	CR 23.140 Rel-6: Extension of MM4 interface for delivery report	Ericsson, CMCC, AWS	Revision of T2-030435

Discussion: None

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030457	MMS Relay Server Interoperability	T-Mobile	

Discussion: this document lists different discussions taking place at the GSMA MMS TF meetings. This document is for information.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030465	Discussion paper "Routing of MM with multiple addresses"	T-Mobile, Orange	

Discussion: Jerry (Comverse) was not very comfortable with the CR since it restrains MM4 possible implementation. Ansgar (T-Mobile) underlined potential problems linked with CDR generation. Paolo (Vodafone) proposed a possible way forward: allow the generation of multiple CDRs for an MM4 forward request with multiple recipients (need to liaise with SA5 and GSMA).

Conclusion: NOTED. An LS will be sent on that subject to GSMA BARG-CPWP, MMS TF, SA5 (in T2-030496)

Tdoc	Title	Source	Comment
T2-030496	LS to GSMA BARG-CPWP, MMS TF, SA5 on routing of MM with multiple addresses	T2	

Discussion: None

Conclusion: APPROVED

MM7 documents

Tdoc	Title	Source	Comment
T2-030306	Addition of MMS User Agent capabilities information in MM7_deliver.REQ	Nokia	

Discussion: This document was postponed from last T2 meeting.

Lots of discussion took place about the use cases and service requirements related to this CR. Ansgar and Randall felt that SA1 should be involved in the discussion to clarify service requirements brought by this CR. Nokia did not see that need. It was agreed further clarification may be needed before any action.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030451	CR 23.140 Rel-6 Invalid MM7 references (revised 441)	Nokia	

Discussion: No discussion

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030452	CR 23.140 Rel-6 Adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3 (revised 442)	Nokia	

Discussion: No discussion

Conclusion: NOTED. Will be upgraded with the details described in T2-030505, as a combined CR.

Tdoc	Title	Source	Comment
T2-030504	CR 23.140 Rel-6 Adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3 (revised 442)	Nokia	

Discussion: No discussion

Conclusion: APPROVED

Tdoc	Title	Source	Comment
T2-030460	CR 23.140 Rel-6 "Non MMS capable phones and VAS MM"	T-Mobile	

Discussion: Jerry mentioned that this CR depends on a requirement specified in a CR previously presented (not approved) on legacy terminal detection.

Some clarifications are still needed.

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030502	Error in the MM7 schema	Symsoft AB	Late submission

Discussion:

Conclusion: NOTED. Two CRs (T2-030503 and T2-030504) to be created by Nokia.

MMS-R6 WID

Tdoc	Title	Source	Comment
T2-030446	MMS Rel-6: Support for enhanced charging methods	AWS, T-Mobile	

Discussion: Document presented for information.

It is agreed that the "charging methods" item is kept in the R6-WID

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030447	MMS Rel-6: MM1 and MM4 enhancements	AWS, T-Mobile	

Discussion: Document presented for information.

It is agreed that the "MM1 & MM4 enhancements" item is kept in the R6-WID

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030448	MMS Rel-6: Support for enhancements for media types/formats and multimedia presentation	AWS, T-Mobile	

Discussion: Document presented for information. There was no contribution on this subject at this meeting. A contribution may be presented to SA4.

It is agreed that the "codecs" item is kept in the R6-WID

Conclusion: NOTED

Tdoc	Title	Source	Comment
T2-030449	MMS Rel-6: Support for security and privacy enhancements	AWS, T-Mobile	

Discussion: Document presented for information. There was no contribution on this subject at this meeting. A contribution may be presented to SA3.

It is agreed that the "security" item is kept in the R6-WID

Conclusion: NOTED

MMS & (U)SIM

Tdoc	Title	Source	Comment
T2-030453	MMS creation modes and (U)SIM	Orange	Late submission

Discussion: will be rediscussed deeper at the next T2 meeting. Need for better understanding.

Conclusion: NOTED

Annex A – Complete Document List

Colour coding:

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

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

PENDING / ACTION

ACTIVELY POSTPONED AFTER DISCUSSION

NOT DISCUSSED YET

tdoc #	Subject	Source	Status within SWG3	Comments
T2-030298	CR 23.140 Rel-6: Inaccuracies in Annexex I & K	Ericsson	noted	postponed from T2#21
T2-030306	CR 23.140 REL-6 Addition of User Agent Profile information to MM7_deliver.REQ	Nokia	noted	postponed from T2#21
T2-030307	CR 23.140 Rel-6: Clarification of the definition of message size	LogicaCMG	noted	postponed from T2#21
T2-030319	MMS prepaid solution	Huawei	postponed	postponed from T2#21
T2-030384	LS from SA1 on MMS Service Requirements	S1-030640	noted	for info
T2-030385	LS from SCP-WG3 on Text Attributes in Enhanced Messaging Service	SCP3-030124	noted	SWG3 action needed
T2-030386	LS from T3 on MMS capability of the card	T3-030434	noted	reply in T2-030471
T2-030387	LS from TSG-T on the addition of MMS support by the USIM Application Toolkit	TP-030150	noted	reply in T2-030472
T2-030389	LS from Java Community, JSR-205 Expert Group on Application-ID in MMS	JSR-205 Expert Group	noted	SWG3 action needed

T2-030390	LS from OMA MAG on proposed use of OMA DRM with MMS	OMA-MAG-2003-0032	noted	SWG3 action needed
T2-030391	LS from SA2 on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs	S2-0302634	pending until T2#23 - feedback to SA2 required	SWG3 action needed
T2-030393	LS from OMA MAG MMSG regarding support of DRM in 3GPP TS 23.140	OMA-MAG-MMSG-2003-0146	noted	for info
T2-030394	LS from SA1 on MMS as a Bearer for USAT	S1-030922	noted	for info
T2-030395	LS from SA1 on SMS/MMS Interworking from WLANs	S1-030967	noted	for info
T2-030396	LS from SA5 on Rel-4/5 Roaming awareness	S5-034443	noted	for info
T2-030397	LS from SA5 on sending the SGSNs MNC and MCC to the GGSN and service node	S5-034449	noted	for info
T2-030398	LS from GSMA SCaG on MMS management in the UICC	SCaG Doc 075/03	noted	for info
T2-030399	LS from EP SCP WG1 on MMS capability of the card	SCP1-030161	noted	for info
T2-030401	LS from OMA Req on OMA Device Management	OMA-REQ-2003-0469	noted	reply in T2-02030477
T2-030404	Response LS on MMS support by USAT	S2-033242	noted	
T2-030405	LS to SA, T cc SA1 on emergency services using SMS/MMS	RIM	approved	
T2-030430	SWG3 agenda at T2#22	SWG3 Chair	approved	
T2-030431	SWG3 draft report at T2#22			
T2-030432	CR 23.140 Rel-6 Cat B: Application-ID in MMS	JSR-205 Expert Group	noted	
T2-030433	CR 23.140 Rel-6: Transfer-over-MM3	Comverse	noted	
T2-030434	Extension of MM4 interface for delivery report (power point presentation)	CMCC, AT&T Wireless, Ericsson	noted	
T2-030435	CR 23.140 Rel-6: Extension of MM4 interface for delivery report	CMCC, AT&T Wireless, Ericsson	noted	
T2-030436	CR 23.038 Indications in DCS	Motorola	noted	
T2-030437	CR 23.040 Videomail indication	Motorola	noted	
T2-030438	CR 23.140 Retrieval response	Motorola	noted	
T2-030439	CR 23.140 Terminal Capability Negotiation	Motorola	noted	

	Negotiation			
T2-030440	discussion document: Terminal Capabilities pre MM Notification	Motorola	noted	
T2-030441	withdrawn	withdrawn	n.a.	
T2-030442	withdrawn	Nokia	n.a.	
T2-030443	CR 23.140 Size in Retrieval Request	Motorola	noted	
T2-030444	CR 23.140 Rel-6 Enhancements to DRM support in MMS	Vodafone	noted	
T2-030445	withdrawn	withdrawn	n.a.	
T2-030446	MMS Rel-6: Support for enhanced charging methods	AWS, T-Mobile	noted	
T2-030447	MMS Rel-6: MM1 and MM4 enhancements	AWS, T-Mobile	noted	
T2-030448	MMS Rel-6: Support for enhancements for media types/formats and multimedia presentation	AWS, T-Mobile	noted	
T2-030449	MMS Rel-6: Support for security and privacy enhancements	AWS, T-Mobile	noted	
T2-030450	MMS Rel-6: Charging Transparency	T-Mobile	noted	
T2-030451	CR 23.140 Rel-6 Invalid MM7 references (revised 441)	Nokia	approved	
T2-030452	CR 23.140 Rel-6 Adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3 (revised 442)	Nokia	noted	
T2-030453	CR 23.140 v6.2.0 : "OMA MMS creation modes and (U)SIM"	Orange	noted	
T2-030454	CR 23.140 v6.2.0. "Conditional delivery mechanism for MMS"	Orange; Telefonica Moviles; T- Mobile	noted	
T2-030455	SA#20-approved MMS stage 1 CRs for info: DRM, Charging Record Interface, User Profile, blacklisting capability	T2 secretary	noted	
T2-030456	SA#20-approved MMS stage 1 CR for info: Error Messages in MMS	T2 secretary	noted	
T2-030457	MMS Relay Server Interoperability	T-Mobile	noted	
T2-030458	CR 23.140 Rel-6 "Management of Hyperlinks with MMS"	T-Mobile	noted	
T2-030459	Discussion paper "Work item MMS Enhancements in Release 6 -	T-Mobile	noted	

	Enhancements in Release 6 - Addressing"			
T2-030460	CR 23.140 Rel-6 "Non MMS capable phones and VAS MM"	T-Mobile	noted	???
T2-030461	CR 23.140 Rel-6 "Legacy Terminal Detection"	T-Mobile	noted	
T2-030462	CR 23.140 Rel-6: Reply charging in case of forwarding	Huawei Tech,China mobile	noted	
T2-030463	Reply charging in case of forwarding	Huawei Tech,China mobile	noted	
T2-030464	SA1#21-agreed MMS stage 1 CRs: Hyperlinks, MM storage in the USIM, Conditional delivery behaviour	SA1 secretary	noted	
T2-030465	Discussion paper "Routing of MM with multiple addresses"	Orange, T-Mobile	noted	
T2-030466	CR 23.140 Rel-6: Adding status value "unreachable" to delivery reports	Siemens	noted	
T2-030467	withdrawn	withdrawn	n.a.	
T2-030468	discussion paper - SM sub addressing	SMS rapporteur	noted	
T2-030469	SWG3 dependencies on OMA output	SWG3 Chair	endorsed	for presentation to T2 CP
T2-030470	Input to T2#22 on WID items	SWG3 Chair	noted	
T2-030471	LS to T3 on MMS capability of the card	Nokia	approved	
T2-030472	LS to T cc SA1, SA2, T3 on the addition of MMS support by the USIM Application Toolkit	"3"	approved	
T2-030473	CR 23.140 Rel-6 Enhancements to DRM support in MMS	Vodafone	approved	revised T2-030444
T2-030474	CR 23140 REL-6 clarification on USIM vs OTA provisioning	Siemens	approved	
T2-030475	LS to SCP-WG3 on Text Attributes in Enhanced Messaging Service	Siemens	approved	reply to T2-030385
T2-030476	LS to Java Community, JSR-205 Expert Group and SA1 on Application-ID in MMS	Siemens	approved	reply to T2-030389
T2-030477	LS to OMA Req on OMA Device Management	Nokia	approved	reply to T2-02030401
T2-030478	CBS Formats in UMTS	Celltick, "3", RIM	noted	
T2-030479	CR 23.038 Indications in DCS	Motorola	approved	revised T2-030436

				030436
T2-030480	CR 23.040 Videomail indication	Motorola	pending - subject to email discussion / approval	revised T2-030437 Alternative to T2-030492 Subject to email discussion PREFERRED SOLUTION !!!
T2-030481	withdrawn	withdrawn	n.a.	
T2-030482	CR 23.140 Rel-6: Inaccuracies in Annexex I & K	Ericsson	approved	revised T2-030298
T2-030483	CR 23.041 R'99 CBS Formats in UMTS	Celltick, "3", RIM	pending until T2#23 - feedback from implementors needed	
T2-030484	CR 23.041 REL-4 CBS Formats in UMTS	Celltick, "3", RIM	pending until T2#23 - feedback from implementors needed	
T2-030485	CR 23.041 REL-5 CBS Formats in UMTS	Celltick, "3", RIM	pending until T2#23 - feedback from implementors needed	
T2-030486	CR 23.041 REL-6 CBS Formats in UMTS	Celltick, "3", RIM	pending until T2#23 - feedback from implementors needed	
T2-030487	LS to SA2 cc CN4, SA1 on Legacy Terminal Detection	T-Mobile	approved	
T2-030488	LS to ETSI AT-F on SMS subaddressing	SMS rapporteur	approved	
T2-030489	LS to RAN3 on CBS service area address (follow-up to T2-030214)	Celltick	approved	
T2-030490	CR 23.140 Size in Retrieval Request	Motorola	approved	revised T2-030433
T2-030491	CR 23.140 Retrieval response	Motorola	noted	revised T2-030438
T2-030492	CR 23.040 Videomail indication	Motorola	pending - subject to email discussion / approval	revised T2-030437 Alternative to T2-030480 Subject to email discussion
T2-030493	LS to T3 cc SA1 on CBS data format	Motorola	approved	
T2-030494	CR 23.140 Rel-6: Transfer-over-MM3	Comverse	approved	revised T2-030433

T2-030495	CR 23.140 Rel-6: Extension of MM4 interface for delivery report	CMCC, AT&T Wireless, Ericsson	approved	revised T2-030435
T2-030496	LS to CPWP, MMS Task Force, cc SA5 on Routing of MM with multiple addresses	T2	approved	
T2-030497	Revised WID for REL-6 MMS Enhancements	SWG3	approved	
T2-030498	Input to T2#22 on WID items	SWG3 Chair	endorsed	
T2-030499	CR 23.140 Rel-6: Reply charging in case of forwarding	Huawei Tech, China mobile	approved	revised T2-030462
T2-030500	CR 23.140 Rel-6 "Management of Hyperlinks with MMS"	T-Mobile	noted	revised T2-030458
T2-030501	LS to SA1 "Management of Hyperlinks with MMS"	T-Mobile	noted	
T2-030502	Error in MM7 schema	Symsoft AB	noted	
T2-030503	CR 23.140 REL-5 MM7 schema correction	Nokia	noted	
T2-030504	CR 23.140 Rel-6 Adding Charged Party ID, MM1/4-only IEs, encrypted or obfuscated addresses and X-mms-mm-status-code "reject" to MM7 stage 3 (revised 442)	Nokia	approved	revised T2-030452
T2-030505	CR 23.140 REL-5 MM7 schema correction	Nokia	approved	
T2-030506	not used	n.a.	n.a.	
T2-030507	not used	n.a.	n.a.	
T2-030508	not used	n.a.	n.a.	
T2-030509	not used	n.a.	n.a.	

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