

Draft T2#18 Report V 0.4 (2002-08)

**3rd Generation Partnership Project (3GPP);
Technical Specification Group Terminals (TSG-T);
Working Group 2 Mobile Terminal Services and Capabilities;
Draft Meeting Report
T2#18
Velen, Germany, 12-16 August 2002**



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Chairman: Ian HARRIS (Teleca Ltd.)

Secretary: Friedhelm RODERMUND (ETSI MCC)

1 Opening Plenary

1.1 Opening of the meeting

T2 chairman Ian HARRIS (Teleca Ltd.) opened the meeting and welcomed the delegates. Jana ASBECK (Materna) welcomed the delegates on behalf of the host Materna and explained the organizational details.

1.2 Approval of the agenda and schedule

The agenda and schedule in **T2-020644** was presented and approved.

1.3 Notification of IPR Obligations

The chairman made the call for IPRs. **T2-020592** gives some background information on IPR issues.

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 Report of the last T2 meeting

The report of T2#17, Vancouver, BC, Canada, 13-17 May 2002 (**T2-020590**) was approved.

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

ftp://www.3gpp.org/TSG_T/WG2_Capability/TSMT2_17/Report

1.5 Reports from other groups

1.5.1 Report from TSG T

A summary of issues of T2 interest from T#16 meeting held on Marco Island, FL, USA, 5 - 7 June 2002 was presented by Friedhelm RODERMUND in **T2-020595**:

All T2 CRs were finally approved but there were some long debates on some of them:

- During the discussion of CRs 52, 53, 54 to 23.040 (TP-020104) on clarification of the requirement for type 0 Short Messages, it was noted that the Rel-5 CR (CR54) forces the UE to perform a positive acknowledgement RP-ACK of the message even though the memory is full. Until now it was sufficient to send a negative acknowledge RP-ERROR. The corresponding T1-CR on UE testing was revised during the meeting because the R99/Rel-4 part does not test all possible responses from a R99/Rel-4 UE. The revised CR (TP-020164) is now containing only the Rel 5 part. (please refer to the TSG-T report for more details)

- During the discussion of CR51 to 23.040 (TP-020104) on TP-DCS values for SIM data download, concern was raised that the Reason for Change did not provide sufficient background information to agree this CR. Originally the CR was rejected by T but during the meeting, further information was made available which resulted in the approval of the CR (please refer to the TSG-T report for more details). TSG-T2 is tasked to check the following issue in more detail at the next meeting: Currently the TS 23.040 does not give any guidance about a possibly preference or priority between PID and DCS. Unfortunately the priority could not easily be defined (e.g. the PID is of higher priority in respect to DCS) because there are already exceptions to the rule (e.g. a class 0 messages causes immediate display on the ME) where the PID value could be totally ignored.
- Special thanks were expressed to the experts and the WG who produced the CR069 to 23.140 MMS MM7 stage 3 (TP-020158).
- The EMS CRs were approved but Ericsson and Nokia expressed their concerns in a joint statement which can be found in the draft T#16 report.

Comverse pointed out that MMS is another area where harmonization with 3GPP2 might be required. They reported that they identified several gaps where 3GPP specifications cannot be used by the 3GPP2 world. This would make it difficult to send MMs from 3GPP to 3GPP2 terminals.

A discussion took place on the draft MMS Rel-6 WID. A possible way forward would be to filter out those things which T2 could start working on without consulting SA1.

TP-020107 is a discussion document on problems with MMS stage 2 Rel-5. Some T2 delegates have identified a number of problems in MMS 23.140 REL-5 that have the potential to cause difficulties for some customers, network operators and for some applications. This discussion will continue in T2.

TP-020109 contains the LS from T2 to T on criteria for T2 to consider approving a new classmark. A long debate took place on this document and on the general future of MExE given that so far there are no MExE products on the market. Lars Brenk has already reported on this to SWG1. TP-020106, the WID on MExE binary code execution feasibility study was postponed.

TP-020130 contains an LS from T3 to T2 cc T on data inconsistency related to MMS support on the USIM. The LS was noted and the request in this LS was unanimously endorsed by T asking T2 to provide the CRs to include MMS to the Rel-4 specification.

TP-020133 contains an LS from T3 to T2 cc T on MMS UA behavior with respect to handling MMS parameters on the USIM . T agreed that T2 should provide a CR if necessary at the coming T plenary.

TP-020159 contains the draft report from the 3GPP MBMS Workshop, 6-7 May 2002, London, United Kingdom. There seems not a lot of work in the T area yet. Some stability on the stage 2 is required first before T2 and SA4 can be involved. Questions and issues related to the radio side have to be solved first.

The draft TSG-T#16 meeting report can be found in **T2-020596**.

The documents can be found on the FTP server at:

ftp://ftp.3gpp.org/TSG_T/TSG_T/TSMT_16

The specifications updated after T#16 can be found at:

ftp://www.3gpp.org/Specs/2002_06

1.5.2 Report from TSG SA

A summary of issues of T2 interest from SA#16 meeting held on Marco Island, FL, USA, 10 - 13 June 2002 was presented by Friedhelm RODERMUND in **T2-020595**:

MMS:

SP-020224 CR to TS 26.140 on Correcting the reference to AMR and AMR-WB RTP payload (Rel-5). T2 were asked to take note of this CR. The SA4 Chairman confirmed that he will inform T2 of any changes made to TS 26.140. This CR was approved.

SP-020251 Rel-5 CR to 22.140 - Introduction of short codes for VASP addressing was approved. It was clarified that there is no requirement for harmonized operator short codes.

SP-020285 Rel-4 CRs 32.200 and 32.235.MMS charging were approved. During the meeting it was noticed that the definition of MM message size in the SA5 charging specification is different from the definition in 23.140. T2 was asked to look into this. (Additionally, the T2 secretary recognized that SA5 have a MM size definition in their Rel-4 spec 32.200, but T2 has the MM size definition only in 23.140 Rel-5)

MExE:

SP-020246 Rel-5 CR to 22.057 on correction usage of "MExE executable" was approved.

There was concern from delegates that conclusions on how to proceed the MExE work need to be reached very soon and this is expected by the next TSG T meeting. It was reported that the Open Mobile Alliance had been announced which may be of interest to the MExE work. The impacts of their work would need to be investigated.

UEM:

SP-020331 Rel-5 TR 32.802 (User Equipment Management UEM feasibility study) was approved.

Other work items:

MBMS stage 1 22.146 and Presence stage 1 22.131 were moved from Rel-5 to Rel-6.

SP-020261 TS 22.242 Digital Rights Management (DRM) was approved. SP-020358 Work Item description DRM Security was approved.

SP-020263 the updated Presence Service WID was approved. T2 has second responsibility for this work item. SP-020319 TR 23.841 on Presence Service Stage 2 was approved. There was a question on whether T2 has started some work on Presence Service Terminal Capabilities. There has not been much discussion for this up to now in TSG T. T2 is asked to discuss this in their next meeting, based on contributions.

SP-020266 WI for the Push Service for (Release 6). This WI description was approved. T2 has second responsibility.

CN reported that IMS (IP Multimedia Subsystem) Rel-5 has been almost completed.

Working methods:

3GPP Member Companies were reminded that CRs for Release 1999 and Rel-4 should be very clear on the impacts and consequences if they are not accepted, in order to allow good decisions to be made on essential changes to frozen specifications. The only consequences if not approved that would be acceptable would normally result in frequent and serious mis-operation of the system.

A modified CR cover sheet was approved.

The draft TSG-SA#15 meeting report can be found in **T2-020597**.

The documents can be found on the FTP server at:

ftp://ftp.3gpp.org/TSG_SA/TSG_SA/TSGS_15

Comments on the reports from TSG#16:

- The SA4 CRs regarding the MM message size seem to have been produced before the last T2 meeting. There is a joint meeting Monday, 19th of August and the potential misalignment may be resolved there.

- MMS Rel-6 WID: see section 1.11.4

The report was noted.

1.5.3 Report from TSG T2 SWG1

No SWG1 meeting took place since the last T2 meeting.

1.5.4 Report from TSG T2 SWG2

The SWG2 chairman Prem SOOD (Sharp) reported from the T2 SWG2 meeting on DDF and Common objects held 18-20 June in Malmo, Sweden, hosted by Telia. The report can be found in **T2-020682**.

In total eight output docs were created as input to this T2 meeting. Amongst them the updated specs 23.241v0.3.1 and 24.241v0.3.1.

1.5.5 Report from TSG T2 SWG3

No SWG3 meeting took place since the last T2 meeting.

1.6 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/TSWT2_18_Velen/Docs

1.7 Incoming Liaison Statements:

The LSs below were treated during the opening plenary. All other LSs were forwarded to the SWGs as shown in document list in Annex A.

T2-020616 is an LS from SA5 on the management of entities of the mobile system. Comments were raised that the VASP application server and MExE server are outside the scope of 3GPP specifications and should be removed from the 3G Entities Management Map. It was decided to create a reply LS in T2-020646 (see outcome at the closing plenary).

T2-020620 is the reply LS from SA2 cc T2 on the management of entities of the mobile system. The LS was noted.

T2-020619 is an LS from SA2 on GUP DDF. The SWG2 chairman stressed the importance of this LS. Based on the analysis T2 is requested to give guidance to SA2 on whether there are technical reasons to continue the work on GUP DDF or if one of the existing schema mechanisms should be utilized within 3GPP systems. The LS was assigned to SWG2.

T2-020623 is an LS from SA5 on the Rel-6 WID for User Equipment Management (UEM). SA5 asks T2, T3 and SA3 groups to review the draft WID for the UEM Building Block. A response would be appreciated by SA5#30 (August 19-23). The LS was assigned to SWG2.

T2-020608 is an LS from SA1 to SA cc T2 on draft Push stage 1 for information. The T2 secretary reminded that T2 has second responsibility for this work item. The SWGs were asked to review the document and provide any comments to Gunilla BRATT (Ericsson) who produced a reply LS in T2-020647 (see outcome at the closing plenary).

T2-020621 is an LS from SA2 cc T2 regarding the PSS Release 6 work program. The LS was noted.

T2-020635 is an LS from SA4 on Draft Working Item Description for PSS Rel-6. SA4 asks to review the attached draft WID and provide comments, if any.. It was decided that SWG3 will create an reply LS in T2-020648 (see outcome at the closing plenary).

T2-020633 is an LS from SA3 on architecture and requirements for subscriber certificates. A comment was raised reminding that SA3 has the main responsibility on security issues. It was identified that the topic of subscriber certificates is also related to the MExE work. If there is anything resulting from the discussion of this document then an LS may be created. The LS was assigned to SWG1 and SWG3.

1.8 3GPP Work Plan

The latest version of the 3GPP work plan was available in **T2-020598**. 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.). All WGs are requested by the TSGs to review and update the work plan at each meeting. The work plan was not presented at this meeting because of lack of time. Friedhelm RODERMUND will consult with the SWG chairs for creating the update.

T2-020593 contains the list of TSs and TRs for which T2 is responsible. The document was noted.

1.9 OMA (Open Mobile Alliance)

Ian HARRIS reported about the creation of the Open Mobile Alliance (OMA). He asked T2 delegates attending the next OMA meeting in Rome to report back on issues relevant to T2. Peter NEUMANN (Siemens) offered his service as 3GPP-OMA liaison officer in case such a function is needed. OMA is a consolidation of five different fora: WAP Forum, SyncML, Wireless Village, LIF, MMS IOP. Operators have a 42% representation of the board. The technical plenary of OMA will be born in Rome. More information about OMA can be found at www.openmobilealliance.org.

1.10 Other opening plenary issues

1.10.1 Presentation: Synthetic video and photo realistic animation

Ehud SPIEGEL (Vimitix Inc) did the presentation. The slides can be found in **T2-020640**.

The VIM Technology uses color and geometric information described by vectors as opposed to classic pixel based image representation. The vectors are animated over time, producing very low bit-rate movies suitable for limited resources terminals and narrow bandwidth networks. The content can be easily transformed to accommodate for variety of terminal display capabilities (such as size and color depth). The VIM technology is part of amendment 4 of the MPEG-4 standard which is in a Committee Draft stage. Vimitix Inc. proposes to add the Synthetic-video type and the VIM format to the 3GPP supported media-types and formats which are described in TS 26.140, TS 26.234 and other applicable specifications. This presentation has also been held to SA4 who is responsible for codecs. It was presented to T2 as the group responsible for MMS to get their opinion and if possible the support for introducing this technology into 3GPP specifications.

Comments/questions:

- It was felt that this topic is under SA4 responsibility. However, there was a proposal to write an LS to SA4 asking for the support of this new codec. Nokia objected to this idea and they pointed out that there are also other candidates. During the opening plenary it was not agreed to create an LS.
- Some companies expressed their support for this media-type.
- It was commented that the issue to be investigated is not only the codec but also the requirements on the terminal.

Conclusion: The presentation was noted. Companies who want to support this are advised to attend SA4 to pursue this further. More technical details are available in **T2-020639** (not presented in the opening plenary).

1.10.2 MMS harmonization with 3GPP2

T2-020750 is a document discussing the 3GPP-3GPP2 Harmonization in the area of MMS. It was forwarded to SWG3.

1.10.3 Future of MExE

T2-020638 is a paper from the T2 chairman that was presented to TSG-T#16 in response to inconclusive discussions in TSG-T arising from the T2 input document TP-020109 concerning the control of MExE Classmarks and to address the much wider issue concerning the general future for MExE. The paper raises five questions on the future of MExE which companies were asked to look at.

Comments:

- A discussion is necessary about the conflict of interests between companies who expressed the strong need to have a uniform platform for downloading applications, and the wish of some manufacturers to abandon the MExE work.
- It was felt that the focus of the discussion shouldn't be TP-020109 on MExE classmark guidelines.

Conclusion: The document was noted by the opening plenary as input to the general discussion on MExE.

T2-020657 is a MExE discussion document from Motorola, Nokia, Siemens, Alcatel presented by Paul VOSKAR. Orange and Matsushita were mentioned as additional supporters of the document.

The document proposes the following recommendations to should be acted upon: stop the current MExE work in T2, and request that the T Plenary re-evaluates the industry drive for a standardized mobile device execution environment, keeping in mind positive work accomplished by T2 in developing the MExE specification TS 23.057 including aspects such as downloading and security.

Comments:

- The sentence "no single implementation is known" was questioned. It was reported that there are some partial implementations of MExE which are using the MExE skeleton.
- Motorola's view is that we should not have a Rel-6 version of 23.057. Anything that has to be done in this area should be done under a different umbrella.
- At the moment there is very little support for interoperability in the specification and it seems that many companies did not want this as a goal in the beginning. The specification supports portability but not interoperability. It is important to address the interoperability issue.
- If 3GPP world will not have this kind of environment for running applications competing technologies will win and this is a threat for 3GPP members. Comverse suggested a workshop on this topic because there is a strong market requirement for this kind of technology. Killing MExE means killing 3G.
- It was questioned whether it is really required to have the MExE specifications with classmarks referring to technologies defined outside 3GPP. The security part, the capability negotiation and the user profile area seem to be the most beneficial parts of MExE. The security work could be moved to SA3.

Conclusion: It was proposed to continue the run-time independent framework work. No objections were expressed on continuing this work. The general discussion continued with the next document.

T2-020642 is another MExE discussion document. The paper does an analysis of the current situation of MExE and makes the following proposals: Stop the current MExE work, conduct an analysis to identify beneficial parts of the MExE specification TS 23.057, delete all identified irrelevant parts, and choose the best alternative to proceed with the remaining content.

Comments:

- The intention of the terminal local model document is to collect high level technical principles. Aspects like user interaction could go from the MExE into the TLM spec TS 23.227.
- It was clarified that the Rel-6 Work Item "MExE-independent application level security framework" which was mentioned in the document is meant to be the proposal from Ericsson on the independent security framework. This is not an approved work item.

- We need a terminal profile beside the user profile. This is very important for service provisioning.
- We shouldn't duplicate standards text like in the classmark specification.
- The question is how do we continue the work on application download in T2 ?
- The analysis should be done in a broader scope than just on downloadable applications, e.g. the capability negotiation and the security work go beyond the area of downloadable applications.
- It was proposed that SWG1 should prepare an input document to T which drafts several proposal on a way forward.

Conclusion: SWG1 was tasked to find out if T2 should stop the MExE Rel-6 work, if T2 continues the run-time independent environment, and SWG1 should do an analysis of 23.057 to identify the beneficial parts, which could be put on an generic level.

1.10.4 MMS Rel-6 WID

The question of the responsibility for the MMS WID seemed not to be clear. Several delegates expressed their preference to keep the responsibility within T2 like it has been for the previous releases. Of course, it has to be aligned with SA1's service MMS requirements. This was taking as the current working assumption, and it was felt very important to get a WID approved by T2 this week. Some interaction with SA1 during the week was planned.

1.10.5 DRM

The chairman asked delegates to make themselves familiar with **T2-020630** Digital Rights Management, and **T2-020636** DRM - Further Considerations during the week. A discussion might take place during the closing plenary.

2 Subgroup Meetings

Between T2 opening and closing plenary, three sub group sessions (SWG1, SWG2, SWG3) were held. The reports can be found in Annexes D-F. The results may have been changed and amended during the closing plenary. The final results of the T2#18 meeting are reported in the following clauses.

3 Closing Plenary

3.1 Results SWG1 Execution Environment

SWG1 chairman Lars BRENK (TTPCom) presented the SWG1 report in **T2-020651**. The report can be found in Annex D.

A lengthy discussion about the future of MExE and the work on application platforms inside 3GPP took place and resulted in tdoc **T2-020665**. The main content of that document is provided below:

Understanding that T2-SWG1 has two active WIDs TP-020017 and TP-020086, the Short-Term Recommendations from T2 are:

1. With respect to TP-020017, "MExE Release 6 Improvements and Investigations," we recommend that after a way forward in the area of an execution environment has been developed and approved, 23.057 should be frozen and no new functionality, only F CR's be accepted to 23.057.
2. With respect to TP-020086, the RTIF Feasibility Study, the work will be completed and the technical report will be issued.

Possible ways forward include one or more of the points below. Each of the bulletpoints can be implemented by either incorporation into an evolved 23.057 or in a separate specification:

1. A Runtime Independent Framework (RTIF).

2. Find standalone features from the work done in SWG1, that are linked to work in other groups, inside 3GPP and external bodies, and identify a way to profit on the commonalities. For example
 - Capability negotiation
 - A generic security framework
 - A handset security toolkit.
3. An Abstract API for execution environments to access mobile resources.
4. Develop an end-to-end specification to enable a compelling SW download mechanism.

T2-020665 was converted into an LS to TSG-T in **T2-020807**. The LS was agreed.

T2-020652 contains a CR 23.057 Rel-6 on CC/PP section cleanup to move the sections into the right context and avoid sections appearing twice in the same specification. The CR was agreed.

T2-020660 contains a CR 23.057 Rel-6 adding new attributes to the JAR manifest file to update the handset with a set of non root certificates this way. The CR was agreed. A corresponding CR to Rel-5 in **T2-020663** was agreed as well.

T2-020664 contains a Draft Technical Report on a Runtime Independent Framework for MExE. This document discusses the need for a Runtime Independent Framework for MExE, what it is, and how it can be provided with a minimum of changes to the existing specification. It consists of a benefits analysis and a feasibility study on the creation of a framework enabling the application of MExE to arbitrary runtime environments. TSG requests to have a cover sheet for the presentation of TRs/TSs which has to include information whether there are any contentious issues. It was noted that there are contentious issues. Concerns were expressed that the RITF seems to promote the idea of multiple run-time environments. The cover sheet was revised in **T2-020806** and it was agreed to send this TR to TSG-T for information.

3.2 Results SWG2 Terminal Interfaces and Capabilities

The SWG2 report in **T2-020681** was presented by SWG2 chairman Prem SOOD (Sharp). The report can be found in Annex E.

Topics discussed at this meeting included, GenericUser Profiles, User Equipment Management, AMR Codecs, Priority Services, AT Commands, various Liaison Statements and other logistics for future meetings, joint meetings, and meeting procedures.

The following Future Meetings were approved by SWG2:

JM with SA5 on GUP and UEM - Oct 8th, AM, Atlanta, collocated with SA5

Dedicated T2-SWG2 Meeting on GUP/DDF - Oct 8th, PM to Oct 10th PM, Atlanta, collocated with SA5

Dedicated T2 SWG2 Meeting on GUP/DDF – January 17-18, same location as T2 Meeting Jan 20-24, San Francisco, AT&T WL hosting

The dates of the Jan 2003 meeting will be brought up by SWG2 at the November T2 meeting. Concerns were raised about having a meeting scheduled for Saturday.

A draft DDF WID for the T2-only tasks is under preparation.

T2-020690 contains a CR to TR 21.904 to align with core specifications changes to accommodate UMTS_AMR2 Codec. The CR was agreed. The introductory cover page has to go separately into TSG-T or be copied into the CR cover sheet.

SWG2 had a thorough discussion on the incoming LS from SA2 **T2-020619** requesting a technical review of the DDF scheme and another scheme, GUP XML Schema. A reply was created in **T2-020704**. This is a LS to SA2 cc SA5, SA1, T on the GUP DDF Strategic Direction. It describes the purpose of T2 GUP DDF work and provides comments on GUP Schema Mechanism. T2 requests SA2 to feedback to T2 that this direction of the GUP and DDF work is aligned with the SA2 perspective. The LS was agreed.

T2-020709 contains a LS to SA5 on the UEM REL 6 WID. T2 provides comments on the WID and ask for confirmation of the joint meeting . The GAP analysis is for evaluating the gap between the requirements from SA5 and the technical feasibility, and if it's possible to point to external standards. The LS was agreed.

T2-020707 contains a LS to SA2 on the GUP information model. The LS was agreed.

T2-020708 contains a LS to SA2 on GUP, Situation Dependent Profiles. The LS was agreed.

T2-020700 contains a LS to SA2 cc SA1 on GUP WID and DDF. T2 asks SA2 to make a decision regarding their earlier recommendation to split the current GUP WID into a separate WID covering the T2 part. The LS was agreed.

T2-020782 contains a LS to CN4 on the support of “choice” construct in DDF. T2 has agreed to revise the Data Description Framework to incorporate the “choice” construct. It was commented that CN4 needs an indication about the time scales. The statement that T2 agrees to incorporate the “choice” construct was questioned. It was clarified that this not a new change. The LS was revised in **T2-020805** saying that T2 will inform CN4 as soon as the revisions have been approved. The LS was agreed.

3.3 Results SWG3 Messaging

The report of SWG3 was presented in **T2-020711** by Josef LAUMEN. It was revised to **T2-020808** and can be found in Annex F.

A proposed CR to 22.101 came to SWG3’s attention which mandates the SMS implementation of a “directory number” in MMS. SWG3 finds the feature in general to be very useful. However, SWG3 believes that mandating an SMS-specific implementation in MMS is inappropriate and may cause difficulties in its realisation. SWG3 asks the T2 chairman to raise this issue at T#17. Moreover, SWG3 suggests that the functional requirement should rather be written into 22.140, MMS stage 1.

At T#16 a discussion document (TP-020107, T2-020718) on problems with MMS stage 2 Rel-5 was given back to T2 for the discussion to continue. A number of problems in 23.140 REL-5 were identified regarding time stamping, acknowledgements and others. SWG3 came to conclusions on the general principles how to overcome these problems avoiding impact on the MM1 stage 3 implementation. Some of these principles are already reflected in CRs, others will result in CRs in future meetings.

SWG3 discussed MMS Harmonization between 3GPP and 3GPP2 and understands this to be an important issue which needs to be solved in a timely fashion. SWG3 suggests that T2 asks T to take care of MMS Harmonization between 3GPP and 3GPP2 and to provide guidelines for the procedure. SWG3 believes that the same mechanisms constructed by SA regarding 3GPP-3GPP2 harmonization in other areas should also be used to harmonize MMS.

Some delegates stressed that work on DRM in MMS is urgent and that an e-mail discussion should be started on this topic.

3.3.1 SMS/CBS/EMS

SMS

T2-020721 contains a CR 23.040 REL-5 correcting an error in a MS example. Insufficient Memory is given as an example for both Error in MS and Memory Capacity Exceeded. This has caused confusion for developers. The CR was agreed.

T2-020761 contains a CR 23.040 REL-6 on the identification of a directory number in the User Data Field. The CR was agreed.

T2-020729 contains a LS reply to T3 on TP-DCS values for SIM data download in REL4. The conclusion was that it is not sure that there are no REL4 compliant terminals on the market already and therefore a corresponding CR cannot be applied to TS 23.040 REL4. The LS was agreed.

T2-020756 contains a LS to T1 cc T on Handling of SMS Type 0 test case for R’99 and REL-4 Ues. T2 asks T1 to align test cases for short messages type 0 with T2’s recommendations and to indicate to T2 the relevant changes to the test cases. The LS was agreed.

T#16 tasked T2 to check the preference or priority between PID and DCS in more detail. After an analysis of this issue SWG3 concluded that there is no unique way to declare priority for either of the parameters TP-PID or TP-DCS. This conclusion can be found in an LS to T, **T2-020770**. The LS was agreed.

CBS

T2-020762 contains a CR 23.041 REL-6 on the identification of a directory number. The CR was agreed.

T2-020759 contains a LS to WAP WPG on UDH over CBS. T2 asks WAP WPG to advise T2 when their CR regarding DCS code points to WDP specification has been formally agreed and to copy T2 the details of the changes. The LS was agreed.

3.3.2 MMS

T2-020804 is a LS from SA1 received on the last meeting day on comparison of T2 MMS WID to SA1 MMS list. The LS was noted.

T2-020794 contains the MMS REL-6 WID which was developed during this week with interaction with SA1 at their parallel meeting. The WID was agreed. The comment was raised that for some of the items service requirements are still missing.

T2-020773 contains a CR 23.140 REL-5 on mandatory UA behaviour wrt status of EF_MMSN. This CR clarifies the handling of MMS notification related information on the USIM. The CR was agreed.

T2-020774 contains a CR 23.140 Rel-4 on MMS parameters on the USIM including mandatory UA behaviour with regard to the status of EF_MMSN. The CR was revised to **T2-020799** and agreed.

T2-020724 contains a CR 23.140 Rel-5 on correction of MM7 Schema. The MM7 schema that is attached to the 23.140 specification is missing specification of two fields that are specified in the body of the document. Style PL should be applied to the schema. The CR was agreed.

T2-020734 contains a CR 23.140 Rel-5 updating a reference. The CR was agreed.

T2-020735 contains a CR 23.140 Rel-5 adding MMS UA behaviour for handling number of MMS connectivity parameters sets on the USIM. The CR was agreed.

T2-020737 contains a CR 23.140 REL-5 on corrections for MM7 submit request/response examples. The CR was agreed.

T2-020749 contains a CR to 23.140 Rel-5 Binary Encoding of MMS User Preferences for Storage on the USIM. The description for the storage of MMS User Preferences on the USIM in annex F is currently too vague. The CR was agreed.

T2-020766 contains a CR 23.140 REL-5 on corrections towards MM7 Stage 3 examples. It was noted that the schema version on the 3GPP server has to be upgraded. Schema version in the examples need to be changed as well from 1-0 to 1-1. The CR was agreed.

T2-020768 contains a CR 23.140 Rel-5 on mandatory SRI_for_SM option for MMS recipient address resolution. SRI_for_SM MAP operation is stated as the only mandatory MAP operation for retrieval of the recipient's IMSI. Instead, the support of Send_IMSI MAP operation by the MMS R/S is changed to optional. Minor changes were done and the revised CR was agreed as **T2-020809**.

T2-020795 contains a CR 23.140 REL-5 MMS on acknowledgements for unconfirmed transactions. An additional statement, reflecting that stage 3 has to provide the reliable mechanism for acknowledgments delivery, is added to the delivery report and read-reply report sections. The CR was agreed.

T2-020797 contains a CR 23.140 REL-5 time stamp definition and time clarifications. Addition of definition for time stamp. Identifies all time related information elements as being of type time stamp. The CR was agreed.

T2-020646 contains a LS reply to SA5 cc SA2 on entities of the mobile system clarifying that the MMS VAS Application Server is not part of the standard MMS architecture. The LS was agreed.

T2-020648 contains a LS to SA4, cc SA1, SA2 on PSS Rel-6. T2 asks SA4 to keep it informed on any new developments, changes to the architecture, protocols and algorithms envisioned for release 6, as soon as

they become reasonably stabilised, and in particular any mechanisms for pre transport adaptation. The LS was agreed.

T2-020754 contains a LS to SA5 on charging Support for VASP MMS Connectivity. The LS gives answers to specific questions asked by SA5. The LS was agreed.

T2-020755 contains a LS to CN5 cc SA1, SA2, SA5 on Joint Meeting SA5/CN5/T2 on MMS charging. September is seen too early for T2 to discuss OSA in MMS in a joint meeting. The LS was agreed.

T2-020757 contains a LS to SA1, cc GSMA CPWP, SA2, SA5 on MMS R/E Roaming Awareness. T2 asks SA1 to discuss the proposed requirement candidates and to indicate a possible way forward, i.e. whether the same mechanisms used in IMS can be utilised with MMS and whether further liaisoning with SA2 should be pursued to check the potential architectural impacts. The title was corrected and the LS was agreed as **T2-020810**.

T2-020758 contains a LS to OMA MMDC on questions regarding detailed notification. MMDC is advised to define a suitable and simple reference definition (e.g. using counters) for their specifications. The LS was agreed.

T2-020760 contains a LS to SerG, SA1, cc SA2 on MMSC Multimedia Transcoding Interface. T2 asks SA1 whether they see a requirement to standardize a Transcoding interface for MMS REL-6. If so, T2 asks SA1 to clarify their requirements. The LS was agreed.

At SA#16 it was pointed out that the definition of MM message size in the SA5 charging spec is different from the definition in 23.140. T2 was asked to look into this. After discussions SWG3 concluded to keep the definition as in 23.140v5.3.0 and to recommend its adoption by SA5. An LS on this matter is created in **T2-020764** to SA5, GSMA-CPWP, cc: SA. The LS was agreed.

T2-020767 contains a LS to SA4 on synthetic video. T2 asks SA4 to discuss whether the proposal from Vimatix justifies the allocation of a new media type for synthetic video and what is SA4's intention with regard to the Vimatix proposal which has already been presented to SA4. The LS was agreed.

T2-020772 contains a LS to T3, cc T on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM. This CR contains the replies to several actions proposed to T2 by T3. Several related CRs have been created. The LS was revised to updated changed CR tdoc numbers and attachments. The LS was agreed as **T2-020811**.

T2-020798 contains a LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option for MMS recipient address resolution. T2 asks GSMA IREG to review the proposed T2 CR and comment if necessary. The LS was revised to **T2-020812** with a minor change and agreed.

4 Future meeting schedule

Meeting	Date	Location	Host
JM T2 SWG3 / SA5 (on MMS charging)	19 Aug 2002 afternoon	Tampere / Finland	Nokia (Co-located with SA5 meeting)
JM T2 SWG2 / SA5 (on DDF-common objects and SuM)	20 - 21 Aug 2002	Tampere / Finland	Nokia (Co-located with SA5 meeting)
T#17	4 - 6 Sep 2002	Biarritz, France	Alcatel
SWG2 JM with SA5 on GUP (Proposed to SA5)	Oct 8	Atlanta, Georgia	NA Friends of 3GPP
SWG2_02 GUP	Oct 8 PM – Oct 10 (7 PM), 2002	Atlanta, Georgia	NA Friends of 3GPP

SWG3#12 (Scope: MMS REL-6 only The focus of that meeting will be decided via email. As a basis companies MUST send their plans – including title and type (CR, discussion) - for contributions until 20.09.2002)	3 days in week 21-25 Oct 2002	tbd	host needed
T2#19	18 - 22 Nov 2002	Korea	Samsung
T#18	4 - 6 Dec 2002	New Orleans, US	NA Friends of 3GPP
SWG3#13	9 - 13 Dec 2002	tbd	host needed
SWG2_03 GUP	17–18 Jan, 2003	San Francisco, US	TBC – AT&T WL hosting (tbc)
T2#20	20 - 24 Jan 2003	San Francisco, US	ATTWS
T#19	12 - 14 Mar 2003	Jersey Island	
T2#21	12-16 May 2003	US	American Friends of 3GPP
T#20	4 - 6 Jun 2003	Helsinki, Finland	Nokia
T2#22	25-29 Aug 2003	Cambridge (tbc)	TTPCOM (tbc)
T#21	17 - 19 Sep 2003	Germany	
T2#23	17-21 Nov 2003		host needed
T#22	10 - 12 Dec 2003		

It was mentioned that Ad hoc meetings should have a specific topic to address to guarantee that companies can send correct delegates and that work is progressing more efficiently. It was clarified that MMS meetings can be considered as SWG3 meetings with a scope restricted to MMS. However, they should of course have a clear scope and agenda. Four weeks before the SWG3 meeting is the deadline to announce the contributions.

See also 3GPP on-line meeting calendar at <http://www.3gpp.org>.

Companies were invited to consider hosting future T2 meetings.

5 Any Other Business

5.1 Problems with revised Tdocs

Delegates were reminded again not to change documents after they were submitted. Every changed document needs a new number otherwise there will be confusion having different versions of a document with the same tdoc number. Furthermore, submitted documents shall not be renamed and re-uploaded under the same tdoc number. This leads to two version of one doc and it's not obvious if they both are same, or, if not, which is the latest version. This problem happened again at the closing plenary.

5.2 Protocol of behaviour

The T2 chairman observed that the protocol of behaviour has not been followed at this meeting (interrupting delegates or the chairman etc.). He announced sending an email to remind delegates about this.

5.3 Digital Rights Management (DRM)

The T2 chairman reminded delegates that unsolved DRM issues can seriously affect the MMS business. Some mechanisms have to be in place quickly.

Comments:

- This ought to be discussed at TSG-SA since it is SA1 and SA2 working on DRM. DRM planned in the Rel-6 timeframe.
- Operators are facing business issues because practically they cannot deploy MMS. It's difficult to make arrangements with service providers because operators cannot show that they can protect protected content.
- Concerns were expressed about duplication of work done in other bodies. 3GPP should use as much work as possible already done in other organizations (OMA etc.)

Conclusion: It was felt that T2 needs to push the work forward and stress the urgency. TSG-T will be advised of T2 position on this, and TSG-T will be asked to bring this to SA.

5.4 Open Mobile Alliance (OMA)

There are visions to move some work from T2 to OMA. The next meeting will be held in August in Rome. T2 accepted Peter NEUMANN'S offer to report back from this meeting.

Comments:

- Move work to OMA prematurely, especially the Rel-6 work. might be disruptive and may affect timescale for deliverables.
- T2 should have a more active, informal dialog with OMA because T2 is potentially more affected than other groups. Therefore, an early dialog with OMA would be beneficial. A presentation of T2's work to OMA might be useful.
- T2 wishes to understand the OMA mandate and how it may affect T2's current and future work, to build working relationship with OMA, to express concerns on affects of timescales, to find out what is the criteria for work to be moved (e.g. bearer agnostic applications).
- 3GPP scope is bearer specific, and OMA's scope is bearer agnostic. The new principle should be applied for new work and not for ongoing work.
- Moving all suggested work would restrict 3GPP's role to the radio network and CN aspects.
- Concerns were raised about when the MMS stage 3 for MM1 will be finalized, and if the creation of OMA might lead to delays.
- T2 feels it would be inappropriate to transfer certain items of work to OMA such as those that are bearer dependent.
- Some work items such as UEM could be viewed as work items for OMA but T2 is concerned that UEM could affect bearer settings and is therefore not totally bearer independent. Other work items such as UAPROF have security implications.

Peter NEUMANN will be informed about T2's discussion and the questions and concerns raised. Ian and Friedhelm will take care of this.

5.5 Late incoming LSs

During the last meeting day, the following LSs were received from the ongoing SA1 meeting:

T2-020801 contains an LS from SA1 on MMS configuration information on the USIM. The LS was noted.

T2-020802 contains an LS from SA1 on subscriber certificates. The LS was forwarded to the next SWG3 meeting.

T2-020803 contains an LS from SA1 on Push Security. The LS was noted.

T2-020804 is a LS from SA1 received on the last meeting day on comparison of T2 MMS WID to SA1 MMS list. The LS was noted.

6 Close of the Meeting

Ian HARRIS thanked all delegates and the subgroup chairmen for their contributions and work at this meeting. He thanked the Materna for hosting the meeting and for the excellent LAN installation, and he expressed special thanks to Jana ASBECK for her excellent organizational support. He also expressed his thanks to Friedhelm RODERMUND for his support.

Annex A List of all temporary documents

TDOC	Subject	Source	SWG
T2-020590	Draft Meeting Report T2#17, Vancouver	T2 secretary	OP
T2-020591	Draft Agenda T2#18, Velen	T2 chairman	OP
T2-020592	IPR guidance	MCC	OP
T2-020593	T2 specs status list	MCC	OP
T2-020594	3GPP meeting calendar	MCC	CP
T2-020595	Summary of T#16 and SA#16 issues of T2 interest	T2 secretary	OP
T2-020596	Draft Report of TSG-T meeting #16	T secretary	OP
T2-020597	Draft Report of TSG SA meeting #16	SA secretary	OP
T2-020598	3GPP work plan	MCC	OP
T2-020599	Compliance matrix in specification	CMG	SWG3
T2-020600	Proposed MMS ad hoc dates	SWG3 chairman	SWG3
T2-020601	Discussion on restructuring 23.140	Siemens	SWG3
T2-020602	CR 23.140 REL-4 Mandatory MM1_retrieve.RES (aka T2-020522)	Siemens	SWG3
T2-020603	LS to SA5, WAP MMDC on REL-4 mandatory MM1_retrieve.RES (aka T2-020523)	Siemens	SWG3
T2-020604	Generic Approach for UPI in MMS (aka T2-020526)	Siemens	SWG3
T2-020605	LS from WAP WPG on UDH over CBS	WAP WPG	SWG3
T2-020606	LS from SA5 on UEM and TR 32.802	S5-022050	SWG2
T2-020607	LS from SA1 to SA5 cc T2 on 3GPP SA1 MMS SWG	S1-021100	SWG3
T2-020608	LS from SA1 to SA cc T2 on draft Push stage 1 for information	S1-021195	SWG3
T2-020609	LS from RAN2 to SA1 cc T2 on Priority Service Feasibility Study	R2-021469	SWG2
T2-020610	LS from T3 on data inconsistency related to MMS support on the USIM	T3-020352	SWG3
T2-020611	LS from T3 on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	T3-020411	SWG3
T2-020612	LS from T3 on DCS values for SIM data download	T3-020417	SWG3
T2-020613	LS from WAP WAG DOWNLOAD DRAFTING COMMITTEE on MEXE	WAP WAG	SWG1
T2-020614	LS from SA5 to SA2 cc T2 on GUP work progress	S5-022046	SWG2
T2-020615	LS from SA5 on MMS Connectivity	S5-022047	SWG3
T2-020616	LS from SA5 on Entities of the mobile system	S5-022048	OP
T2-020617	LS from SA5 on support for subscriber certificates	S5-022008	SWG2
T2-020618	LS from BARG – CPWP on MMS Volume Definition	BARG 151/02	SWG3
T2-020619	LS from SA2 on GUP DDF	S2-022031	OP, SWG2
T2-020620	LS from SA2 cc T2 on entities of the mobile system	S2-022048	OP
T2-020621	LS from SA2 cc T2 regarding PSS Release 6 work programme	S2-022050	SWG3
T2-020622	LS from SA2 on IMS Messaging proposed work item	S2-022051	SWG3
T2-020623	LS from SA5 on Rel-6 WID for User Equipment Management	S5-022110	OP, SWG2
T2-020624	LS from SA5 on Charging Support for VASP MMS Connectivity from T2	S5-024234	SWG3
T2-020625	LS from SA5 on Packet Switched Streaming (PSS) in Rel-6 Work Programme	S5-024235	SWG3
T2-020626	LS from SA5 on MMS Charging work progress	S5-024241 (Mobixell Networks)	SWG3
T2-020627	MMSC - Transcoding Platform Interface	Mobixell Networks	SWG3
T2-020628	MMSC - Transcoding Platform Interface (slides)	Mobixell Networks	SWG3
T2-020629	LS from SerG on MMSC Multimedia Transcoding Interface	GSM Association, SerG	SWG3
T2-020630	Digital Rights Management	T2 Chairman	OP
T2-020631	LS from CN5 on Joint Meeting SA5/CN5/T2 on MMS charging	N5-020565	SWG3
T2-020632	LS from SA1 on GUP Work Item Description and DDF	S1-021207	SWG2
T2-020633	LS from SA3 on architecture and requirements for subscriber certificates	S3-020447	SWG1, SWG3

T2-020634	LS from SA3 on Release 6 WID on User Equipment Management – security aspects	S3-020448	SWG2
T2-020635	LS from SA4 on Draft Working Item Description PSS Rel-6	S4 (02)0484	SWG2, SWG3
T2-020636	DRM - further considerations	T2 Chairman	OP
T2-020637	LS from GSMA TWG on unclear standardisation of AT command +WS46	GSMA TWG Doc 195/02	SWG2
T2-020638	Thoughts on MExE	T2 Chair	OP
T2-020639	Synthetic Video and Photo-Realistic 2D Animation	Vimatix	SWG3
T2-020640	Presentation: Synthetic Video and Photo-Realistic 2D Animation	Vimatix	OP, SWG3
T2-020641	LS from T1 on Handling of SMS Type 0 test case for R'99 and REL-4 UEs	T1-020609	SWG3
T2-020642	Future of MExE - recommendation	Siemens	OP
T2-020643	LS from GSMA on MMS Charging work progress	GSMA CPWP Doc 097/02	SWG3
T2-020644	updated Draft Agenda T2#18, Velen	T2 chairman	OP
T2-020645	LS from OMA WAG MMDC on Questions regarding detailed notification	OMA WAG MMDC	SWG3
T2-020646	LS reply to SA5 cc SA2 on Entities of the mobile system	T2 (Paolo)	SWG3
T2-020647	LS reply to SA5 on draft Push stage 1 for information	T2 (Gunilla)	
T2-020648	LS reply to SA4 cc SA1, SA2 on Draft Working Item Description PSS Rel-6	T2 (Rami)	SWG3
T2-020649	not used		
T2-020650	agenda SWG1 MExE at T2#18	Chairman	SWG1
T2-020651	report of SWG1 MExE at T2#18	Chairman	SWG1
T2-020652	CR 23.057 Rel-6: Restructuring of 23.057 CC/PP section cleanup	TTPCom	SWG1
T2-020653	CR 23.057 Rel-6: CCM clarifications and additions	TTPCom	SWG1
T2-020654	Split of 23.057 draft version	TTPCom	SWG1
T2-020655	CR 23.057 Rel-6: Adding new attributes to the JAR manifest file	TTPCom	SWG1
T2-020656	Draft Technical Report on a Runtime Independent Framework for MExE	Intel	SWG1
T2-020657	MExE discussion document	Motorola	OP, SWG1
T2-020658	withdrawn	Motorola	OP, SWG1
T2-020659	Siemens aspects on MExE - withdrawn (replaced by T2-020642)	Siemens	OP, SWG1
T2-020660	CR 23.057 Rel-6: Adding new attributes to the JAR manifest file	TTPCom	SWG1
T2-020661	Draft B Technical Report on a Runtime Independent Framework for MExE	Intel	SWG1
T2-020662	CR 23.057 Rel-5: CCM clarifications and additions	TTPCom	SWG1
T2-020663	CR 23.057 Rel-5: Adding new attributes to the JAR manifest file	TTPCom	SWG1
T2-020664	Draft Technical Report on a Runtime Independent Framework for MExE	Intel	SWG1
T2-020665	Thoughts on the future of MExE - recommendations	SWG1	SWG1
T2-020666	File System API Specification For adding file management support	Emc2	SWG1
T2-020667	not used		SWG1
T2-020668	not used		SWG1
T2-020669	not used		SWG1
T2-020670	not used		SWG1
T2-020671	not used		SWG1
T2-020672	not used		SWG1
T2-020673	not used		SWG1
T2-020674	not used		SWG1
T2-020675	not used		SWG1
T2-020676	not used		SWG1
T2-020677	not used		SWG1
T2-020678	not used		SWG1
T2-020679	not used		SWG1
T2-020680	Agenda SWG2#18	SWG2 Chair	SWG2
T2-020681	Meeting Report SWG2#18	SWG2 Chair	SWG2
T2-020682	SWG2 meeting Report, Malmoe (T2C-020002)	SWG2_Malmoe	SWG2

		Chair	
T2-020683	TS 23.241 GUP DDF (v0.3.1) (T2C-020003)	SWG2_Malmoe Chair	SWG2
T2-020684	TS 24.241 GUP ComObj (v0.3.1) (T2C-020004)	SWG2_Malmoe Chair	SWG2
T2-020685	Updated Annex A in TS 23.241 (T2C-020009)	Ericsson	SWG2
T2-020686	Updated Annex G in TS 23.241 (T2C-020010)	Ericsson	SWG2
T2-020687	Comments to 23.241 (T2C-020019)	Ericsson, NTT DoCoMo	SWG2
T2-020688	TS 23.241 Intro, Scope (T2C-020021)	Telia, SWG2_Malmoe	SWG2
T2-020689	TS 24.241 Intro, Scope (T2C-020022)	Telia, SWG2_Malmoe	SWG2
T2-020690	CR to 21.904, UMTS_AMR_2	Sharp	SWG2
T2-020691	Proposed Re-Organization of TS 23.241	T2-SWG2 Chairman	SWG2
T2-020692	GUP information model	Ericsson	SWG2
T2-020693	Annex to TS 23.241, DDF requirements	Ericsson	SWG2
T2-020694	GUP, Method to find (Common) Objects	Ericsson	SWG2
T2-020695	Comments to S2-022031 Liaison Statement on GUP DDF from SA2	Ericsson	SWG2
T2-020696	W3C Document notice and license (T2C-020005)	NTTDoCoMo	SWG2
T2-020697	Discussion of the GUP Schema Mechanism and the GUP Data Declaration Process	Nokia	SWG2
T2-020698	MMS-DataCom parameters List	Ericsson	SWG2, SWG3
T2-020699	GUP, Stakeholders benefits of DDF	Ericsson	SWG2
T2-020700	LS response to SA2 cc SA1 on T2 GUP WID	G. Bratt	SWG2
T2-020701	CR to Reserve +CASS in 27.007 for Assisted Devices	SWG2 Chair	SWG2
T2-020702	LS Response GUP DDF Analysis	SWG2 Chair	SWG2
T2-020703	LS Response UEM REL 6 WID	SWG2 Chair	SWG2
T2-020704	LS to SA2 cc SA5, SA1, T on GUP DDF Strategic Direction	Gunilla & Jukka	SWG2
T2-020705	Re-edit of 688	Henrik T.	SWG2
T2-020706	Re-edit of 689	Henrik T.	SWG2
T2-020707	LS to SA2 on GUP Information Model Discussion paper	Bo. J.	SWG2
T2-020708	LS to SA2 on GUP Situation Dependent Profiles Discussion Paper	Bo. J.	SWG2
T2-020709	LS to SA5 on UEM REL-6 WID	Ericsson, Olga Tome	SWG2
T2-020710	Agenda SWG3#18	SWG3 chairman	SWG3
T2-020711	Meeting Report SWG3#18	Comverse, Nokia	SWG3
T2-020712	withdrawn		SWG3
T2-020713	CR 23.140 MMS Timestamps and time related parameters	Teleca, SEMA- Shlumberger	SWG3
T2-020714	CR 23.140 MMS Acknowledgements for unconfirmed transactions	Teleca, SEMA- Shlumberger	SWG3
T2-020715	CR 23.140 MMS Missing Information Elements	Teleca, SEMA- Shlumberger	SWG3
T2-020716	CR 23.040 SMS Identification of telephone Numbers in SM User Data	Teleca	SWG3
T2-020717	Discussion Paper 23.040 Definition of 'optional'	T2 Chairman	SWG3
T2-020718	Discussion paper. Problems Identified in 23.140 REL-5	Teleca,SEMA Shlumberger,ATTW S,Telia,T-mobile,	SWG3
T2-020719	CR 23.040 Destination mailbox full TP-Failure-Cause	CMG	SWG3
T2-020720	withdrawn		SWG3
T2-020721	CR 23.040 Error in MS example correction	Teleca	SWG3
T2-020722	CR 23.140 MMS Time related parameters	Teleca, Sema Schlumberger	SWG3
T2-020723	CR 23.140 Rel-5: Removal of the MAP_Send_IMSI option for MMS recipient address resolution	T-Mobile, Vodafone, Telefonica Moviles	SWG3
T2-020724	CR 23.140 Rel-5: Correction of MM7 Schema	Comverse	SWG3
T2-020725	Discussion paper: Support of multiple MMS Relay/Servers by MMS	Comverse	SWG3

	Client		
T2-020726	MMS Notifications	Orange, T-Mobile, Telefonica Moviles	SWG3
T2-020727	CR 23.140 REL-5: Corrections towards MM7 Stage 3 examples	Nokia, Logica, Ericsson, Comverse	SWG3
T2-020728	withdrawn	Siemens	SWG3
T2-020729	LS reply on TP-DCS values for SIM data download in REL4	Siemens	SWG3
T2-020730	Thoughts about PID vs DCS priority	Siemens	SWG3
T2-020731	withdrawn		SWG3
T2-020732	CR 23.140 Rel-5 FQDN in RFC822 fields on MM4	CMG	SWG3
T2-020733	CR to 23.140 Rel-5 Binary Encoding of MMS User Preferences for Storage on the USIM	Siemens	SWG3
T2-020734	CR 23.140 Rel-5 Reference Update	Siemens	SWG3
T2-020735	CR 23.140 Rel-5 MMS UA behaviour for handling number of MMS connectivity parameters sets on the USIM	Siemens	SWG3
T2-020736	MMS end-to-end security services : use cases	France Telecom	SWG3
T2-020737	CR 23.140: Editorial corrections for MM7 submit request/response examples	Alcatel	SWG3
T2-020738	CR 23.140 REL-4 MMS parameters on the USIM	Gemplus	SWG3
T2-020739	withdrawn	Gemplus	SWG3
T2-020740	MMS Security Services	Gemplus, Openwave	SWG3
T2-020741	CR 23.140 REL-6 Security Services	Gemplus, Openwave	SWG3
T2-020742	CR 23.040 Identification of a directory number in the User Data Field	Teleca	SWG3
T2-020743	CR 23.140 session tracking in MM7	Taral Networks	SWG3
T2-020744	MMS Draft WID	Comverse	OP, SWG3
T2-020745	Discussion on MMS WID	Comverse	OP, SWG3
T2-020746	CR 23.041 Identification of a directory number	Teleca	SWG3
T2-020747	CR 23.140 Identification of a directory number	Teleca	SWG3
T2-020748	MMSC - Transcoding Platform Interface	CMG, Philips, Mobixell Networks	SWG3
T2-020749	CR to 23.140 Rel-5 Binary Encoding of MMS User Preferences for Storage on the USIM	Siemens	SWG3
T2-020750	Discussion on MMS 3GPP Harmonization	Comverse	SWG3
T2-020751	Session management in MM7	Taral Networks	SWG3
T2-020752	Approved Agenda SWG3#18	SWG3 chairman	SWG3
T2-020753	MMSC - Transcoding Platform Interface (slides)	Mobixell Networks	SWG3
T2-020754	LS to SA5 on Charging Support for VASP MMS Connectivity	Nokia	SWG3
T2-020755	LS to CN5 cc SA1, SA2, SA5 on Joint Meeting SA5/CN5/T2 on MMS charging	Ericsson	SWG3
T2-020756	LS to T1 cc T on Handling of SMS Type 0 test case for R'99 and REL-4 UEs	Alcatel	SWG3
T2-020757	LS to SA1, cc GSMA CPWP, SA5 on MMS R/E Roaming Awareness	Nokia	SWG3
T2-020758	LS to OMA MMDC on questions regarding detailed notification	Nokia	SWG3
T2-020759	LS to WAP WPG on UDH over CBS	Teleca	SWG3
T2-020760	LS to SerG, SA1, cc SA2 on MMSC Multimedia Transcoding Interface	CMG	SWG3
T2-020761	CR 23.040 REL-6 Identification of a directory number in the User Data Field	Teleca	SWG3
T2-020762	CR 23.041 REL-6 Identification of a directory number	Teleca	SWG3
T2-020763	MMS REL-6 WID	Comverse et al	SWG3
T2-020764	LS to BARG-CPWP, SA5, cc SA on MMS Volume Definition	CMG	SWG3
T2-020765	CR 23.140 REL-4 MMS parameters on the USIM	Gemplus	SWG3
T2-020766	CR 23.140 REL-5: Corrections towards MM7 Stage 3 examples	Nokia, Logica, Ericsson, Comverse	SWG3
T2-020767	LS to SA4 on synthetic video	Teleca	SWG3
T2-020768	CR 23.140 Rel-5: Mandatory SRI_for_SM option for MMS recipient address resolution	Vodafone	SWG3
T2-020769	LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option	Comverse	SWG3

	for MMS recipient address resolution		
T2-020770	LS to T on PID vs DCS priority	Siemens	SWG3
T2-020771	CR 23.140 REL-5 MMS Timestamps	Teleca, SchlumbergerSema	SWG3
T2-020772	reply-LS to T3, cc T on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	Nokia	SWG3
T2-020773	CR 23.140 REL-5 on mandatory UA behaviour wrt status of EF_MMSN	ATTWS	SWG3
T2-020774	CR 23.140 REL-4 MMS parameters on the USIM including mandatory UA behaviour wrt status of EF_MMSN	ATTWS	SWG3
T2-020775	LS from SA1 on draft MMS REL-6 WID	S1-021465	SWG3
T2-020776	LS from SA1 on questions concerning Automatic bearer selection for MMS	S1-021466	SWG3
T2-020777	LS from SA1 on Packet Switched Streaming (PSS) in Rel-6 Work Programme	S1-021504	CP
T2-020778	LS from SA1 on answer to LS on PSS Release 6 work programme	S1-021700	CP
T2-020779	not used		
T2-020780	Update of 694 - Method of DDF COs Rev Engrg	Bo J.	SWG2
T2-020781	withdrawn	A. Chau	SWG2
T2-020782	LS Response to CN4 on DFF Choice construct	N. Gregor	SWG2
T2-020783	not used		SWG2
T2-020784	not used		SWG2
T2-020785	not used		SWG2
T2-020786	not used		SWG2
T2-020787	not used		SWG2
T2-020788	not used		SWG2
T2-020789	not used		SWG2
T2-020790	CR 23.140 REL-5 MMS Acknowledgements for unconfirmed transactions	Teleca, SchlumbergerSema	SWG3
T2-020791	CR 23.140 REL-5 MMS Missing Information Elements	Teleca, SchlumbergerSema	SWG3
T2-020792	Withdrawn	withdrawn	SWG3
T2-020793	Comparison of T2 WID to SA1 List	SWG3	SWG3
T2-020794	MMS REL-6 WID	Comverse et al	SWG3
T2-020795	CR 23.140 REL-5 MMS Acknowledgements for unconfirmed transactions	Teleca, SchlumbergerSema	SWG3
T2-020796	Withdrawn	withdrawn	SWG3
T2-020797	CR 23.140 REL-5 time stamp definition and time clarifications	Logica	SWG3
T2-020798	LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option for MMS recipient address resolution	Comverse	SWG3
T2-020799	CR 23.140 Rel-4 MMS parameters on the USIM including mandatory UA behaviour wrt status of EF_MMSN	unused	SWG3
T2-020800	withdrawn		
T2-020801	LS from SA1 on MMS configuration information on the USIM	S1-021467	CP
T2-020802	LS from SA1 on subscriber certificates	S1-021685	CP
T2-020803	LS from SA1 on Push Security	S1-021734	CP
T2-020804	LS from SA1 Comparison of T2 WID to SA1 List from T2	S1-021833	CP
T2-020805	LS to CN4 on DFF Choice construct	NTT DoCoMo	CP
T2-020806	Draft Technical Report on a Runtime Independent Framework for MExE	Intel	CP
T2-020807	LS to TSG-T on thoughts on the future of MExE - recommendations	T2	CP
T2-020808	revised SWG3 report	Comverse, Nokia	CP
T2-020809	CR 23.140 Rel-5: Mandatory SRI_for_SM option for MMS recipient address resolution	Vodafone	SWG3
T2-020810	LS to SA1, cc SA2, SA5, GSMA CPWP on MMS R/E Roaming Awareness	Nokia	CP
T2-020811	LS to T3, cc T on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	Nokia	CP
T2-020812	LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option for MMS recipient address resolution	Comverse	CP

Annex B Outgoing Documents

B.1 Change Requests submitted to TSG-T

The following CRs will be submitted to TSG-T#17 for approval:

"MExE" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.057	119	-	Rel-6	CC/PP section cleanup	D	6.0.0	6.1.0	T2-020652	MEXE6-ENHANC
23.057	120	-	Rel-6	Adding new attributes to the JAR manifest file	C	6.0.0	6.1.0	T2-020660	MEXE6-ENHANC
23.057	121	-	Rel-5	Adding new attributes to the JAR manifest file	C	5.0.0	5.1.0	T2-020663	MEXE5-ENHANC

"Terminal Interfaces and Capabilities" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
21.904	010	-	R99	CR to include references for UMTS_AMR2 Codec	F	3.4.0	3.5.0	T2-020690	TEI

"SMS/CBS/EMS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.040	061	-	Rel-5	Error in MS example error	F	5.4.0	5.5.0	T2-020721	TEI5
23.040	062	-	Rel-6	Identification of a directory number in the User Data Field	F	5.4.0	6.0.0	T2-020761	TEI6
23.041	011	-	Rel-6	Identification of a directory number in a CBS-Message-Information-Page	F	5.0.0	6.0.0	T2-020762	TEI6

"MMS" Change Requests

Spec	CR	Rev	Rel	Subject	Cat	Vers-Current	Vers-New	T2 doc	Workitem
23.140	083	-	Rel-5	MMS UA behaviour with respect to handling MMS notification parameters stored on the USIM	F	5.3.0	5.4.0	T2-020773	MESS5-MMS
23.140	084	-	Rel-4	Handling of MMS-related information on the USIM	B	4.7.0	4.8.0	T2-020799	MMS REL-4
23.140	085	-	Rel-5	Correction of MM7 Schema	F	5.3.0	5.4.0	T2-020724	MESS5-MMS
23.140	086	-	Rel-5	Reference Update	F	5.3.0	5.4.0	T2-020734	MESS5-MMS
23.140	087	-	Rel-5	MMS UA behaviour for handling number of MMS connectivity parameters sets on the USIM	F	5.3.0	5.4.0	T2-020735	MESS5-MMS
23.140	088	-	Rel-5	Corrections for MM7 submit request/response examples	F	5.3.0	5.4.0	T2-020737	MESS5-MMS
23.140	089	-	Rel-5	Binary Encoding of MMS User Preferences for Storage on the USIM	F	5.3.0	5.4.0	T2-020749	MESS5-MMS
23.140	090	-	Rel-5	Corrections towards MM7 Stage 3 examples	F	5.3.0	5.4.0	T2-020766	MESS5-MMS
23.140	091	-	Rel-5	Changes to the support of MAP operations for recipient MSISDN address resolution based on IMSI.	F	5.3.0	5.4.0	T2-020809	MESS5-MMS

23.140	092	-	Rel-5	Acknowledgements for unconfirmed transactions	F	5.3.0	5.4.0	T2-020795	MESS5-MMS
23.140	093	-	Rel-5	Time stamp definition and time clarification	F	5.3.0	5.4.0	T2-020797	MESS5-MMS

B.2 Liaison Statements

The following LSs were sent from T2#18:

TDOC	Subject	Comments
T2-020646	LS reply to SA5 cc SA2 on Entities of the mobile system	sent 18/08/2002
T2-020648	LS reply to SA4 cc SA1, SA2 on Draft Working Item Description PSS Rel-6	sent 18/08/2002
T2-020700	LS response to SA2 cc SA1 on T2 GUP WID	sent 18/08/2002
T2-020704	LS to SA2 cc SA5, SA1, T on GUP DDF Strategic Direction	sent 18/08/2002
T2-020707	LS to SA2 on GUP Information Model Discussion paper	sent 18/08/2002
T2-020708	LS to SA2 on GUP Situation Dependent Profiles Discussion Paper	sent 18/08/2002
T2-020709	LS to SA5 on UEM REL-6 WID	sent 18/08/2002
T2-020729	LS reply on TP-DCS values for SIM data download in REL4	sent 18/08/2002
T2-020754	LS to SA5 on Charging Support for VASP MMS Connectivity	sent 18/08/2002
T2-020755	LS to CN5 cc SA1, SA2, SA5 on Joint Meeting SA5/CN5/T2 on MMS charging	sent 18/08/2002
T2-020756	LS to T1 cc T on Handling of SMS Type 0 test case for R'99 and REL-4 UEs	sent 20/08/2002
T2-020758	LS to OMA MMDC on questions regarding detailed notification	sent 26/08/2002
T2-020759	LS to WAP WPG on UDH over CBS	sent 26/08/2002
T2-020760	LS to SerG, SA1, cc SA2 on MMSC Multimedia Transcoding Interface	sent 18/08/2002
T2-020764	LS to BARG-CPWP, SA5, cc SA on MMS Volume Definition	sent 18/08/2002
T2-020767	LS to SA4 on synthetic video	sent 20/08/2002
T2-020770	LS to T on PID vs DCS priority	sent 20/08/2002
T2-020805	LS to CN4 on DFF Choice construct	sent 20/08/2002
T2-020807	LS to TSG-T on thoughts on the future of MExE - recommendations	sent 20/08/2002
T2-020810	LS to SA1, cc SA2, SA5, GSMA CPWP on MMS R/E Roaming Awareness	sent 18/08/2002
T2-020811	LS to T3, cc T on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	sent 18/08/2002
T2-020812	LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option for MMS recipient address resolution	sent 20/08/2002

B.3 Reports/Specifications submitted to TSG-T

The following technical report was agreed to be submitted to TSG-T#17:

TDOC	Subject
T2-020806	Draft TR Runtime Independent Framework for MExE for information

B.4 Work Items submitted to TSG-T

The following work item was agreed to be submitted to TSG-T#17:

TDOC	Subject
T2-020794	WID MMS Enhancements for approval

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Total number of delegates: 57

Annex D: Report from SWG1 Execution Environment

Agenda Item: T2 Closing Plenary

Source: SWG1 Chair

Title: Report of SWG1

Document for: Approval

Executive Summary:

General:

17 delegates, 21 Tdocs, 5 output papers.

MEXE6-ENHANC Work Item:

- Some cleanup after the restructuring of 23.057 and adding some new attributes to the signed JAR-file manifest file.

MEXE5-ENHANC Work Item:

- Adding some new attributes to the signed JAR-file manifest file

MEXE6-RTIF Work Item:

- The first draft of the Runtime Independent Framework (RTIF) feasibility study was presented. A long discussion and technical presentation took place.

It was agreed by SWG1, that the feasibility study is ready to be presented for information at TSG-T#17.

Any Other Business:

Understanding that T2-SWG1 has two active WIDs TP-020017 and TP-020086, the Short-Term Recommendations from T2 are:

1. With respect to TP-020017, "MExE Release 6 Improvements and Investigations," we recommend that after a way forward in the area of an execution environment has been developed and approved, 23.057 should be frozen and no new functionality, only F CR's be accepted to 23.057.
2. With respect to TP-020086, the RTIF Feasibility Study, the work will be completed and the technical report will be issued.

Possible ways forward include one or more of the points below. Each of the bulletpoints can be implemented by either incorporation into an evolved 23.057 or in a separate specification:

1. A Runtime Independent Framework (RTIF).
2. Find standalone features from the work done in SWG1, that are linked to work in other groups, inside 3GPP and external bodies, and identify a way to profit on the commonalities. For example

A lengthy discussion about the future of the work on application platforms inside 3GPP took place.

SWG1's output document for T2 can be found in tdoc T2-020665. The main content of that document is provided below:

The current continuous work in T2 SWG1 will be decided by the two WIDs, recently accepted by T#15 plenary, namely the 'MExE Release 6 Improvements and Investigations' and 'MExE Run Time Independent Framework Feasibility Study'.

It is not SWG1's intention to add new classmarks to 23.057.

Future Meetings:

Meeting	Date	Venue	Comment
MExE T2#19	September/October 18-22 November 2002	No meeting identified Korea	Samsung

Output Change Requests:

Tdoc	Subject	SOURCE
T2-020652	CR 23.057 Rel-6: Restructuring of 23.057 CC/PP section cleanup	TTPCom
T2-020660	CR 23.057 Rel-6: Adding new attributes to the JAR manifest file	TTPCom
T2-020663	CR 23.057 Rel-5: Adding new attributes to the JAR manifest file	TTPCom
T2-020664	Draft Technical Report on a Runtime Independent Framework for MExE	Intel
T2-020665	Thoughts on the future of MExE - recommendations	SWG1

Output Liaison Statements:

Tdoc	Subject	SOURCE

No liaison statements.

Detailed Report

Opening of the meeting

The Chairman (Lars Brenk, TTPCom) opened the meeting.

Approval of the draft agenda

Tdoc	Subject	SOURCE
T2-020650	Agenda SWG1 MExE at T2#18	Chairman

Tdoc presented by Lars Brenk, Chairman.

Conclusion:

The agenda was agreed.

Introductions

Delegates introduced themselves, and are listed in the participants annex.

Call for IPR

The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective Organizational Partners of Essential IPRs they become aware of.**

The members take note that they are hereby invited:

- To investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
- To notify the Chairman, or the Director-General 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.

Results of previous meetings

SWG1 meeting report

Tdoc	Subject	SOURCE

No SWG1 meetings held since last T2.

E-mail activity

Tdoc	Subject	SOURCE

No e-mail approvals since last T2.

Action Items and other issues

No action items identified at the last T2.

Incoming LS

Tdoc	Subject	SOURCE
T2-020613	LS from WAP WAG DOWNLOAD DRAFTING COMMITTEE on MExE	WAP WAG

Tdoc T2-020613 presented by Lars Brenk, TTPCom.

Some background on the work done in the WAP WAG download group, now called OMA download group was given. The OMA download specification deals with ringing tones, background pictures, screen savers and games. The download mechanism is based on the MIDP download mechanism in Java, HTTP and MIME types. One particular thing they have specified is a confirm from the handset to the server, indicating that the download was completed successfully. They do not deal with downloadable applications, but refer to the Java specifications for that.

Questions were raised if there is some overlap in the work done by SWG1 and the OMA download group.

No response to the LS was felt necessary by SWG1.

Conclusion:

T2-020613 was noted.

Tdoc	Subject	SOURCE
T2-020616	LS from SA5 on Entities of the mobile system	SA5
T2-020620	LS from SA2 cc T2 on entities of the mobile system	SA2

Tdoc T2-020616 presented by Lars Brenk, TTPCom.

Tdoc T2-020620 presented by Lars Brenk, TTPCom.

The SWG1 subgroup had no comments to the way the term 'MExE server' was used in the LS's.

Conclusion:

T2-020616 was noted.

T2-020620 was noted.

Tdoc	Subject	SOURCE
T2-020633	LS from SA3 on architecture and requirements for subscriber certificates	SA3

Tdoc T2-020633 presented by Lars Brenk, TTPCom.

The SWG1 subgroup had no comments to the content.

Conclusion:

T2-020633 was noted.

MExE 22.057 contributions and change requests

Tdoc	Subject	SOURCE

No input.

MExE 23.057 contributions and change requests

Security

Tdoc	Subject	SOURCE
T2-020655	CR 23.057 Rel-6: Adding new attributes to the JAR manifest file	TTPCom
T2-020660	CR 23.057 Rel-6: Adding new attributes to the JAR manifest file	TTPCom
T2-020663	CR 23.057 Rel-5: Adding new attributes to the JAR manifest file	TTPCom

Tdoc T2-020655 presented by Lars Brenk, TTPCom.

Tdoc T2-020660 presented by Lars Brenk, TTPCom.

Tdoc T2-020663 presented by Lars Brenk, TTPCom.

Minor editorial changes were made to T2-020655, and the result is being presented in T2-020660.

T2-020663 is the release 5 version of tdoc T2-020660.

Conclusion:

T2-020655 was noted.

T2-020660 was agreed.

T2-020663 was agreed.

Non security

Restructuring of the MExE specification

Tdoc	Subject	SOURCE
T2-020652	CR 23.057 Rel-6 Restructuring of 23.057 CC/PP section cleanup	TTPCom

Tdoc T2-020652 presented by Lars Brenk, TTPCom.

The CR moves a section to its proper place and removes a redundant section, which was duplicated in the restructuring process.

Conclusion:

T2-020652 was agreed.

Tdoc	Subject	SOURCE
T2-020654	Split of 23.057 draft version	TTPCom

Tdoc T2-020654 presented by Lars Brenk, TTPCom.

The content of the document was considered irrelevant for the time being.

Conclusion:

T2-020654 was noted.

Others

Tdoc	Subject	SOURCE
T2-020653	CR 23.057 Rel-6: CCM clarifications and additions	TTPCom
T2-020662	CR 23.057 Rel-5: CCM clarifications and additions	TTPCom

Tdoc T2-020653 presented by Lars Brenk, TTPCom.

Tdoc T2-020662 presented by Lars Brenk, TTPCom.

The CR's were post-poned till the next meeting, to make sure that no essential requirements were changed by accident (the deletion of certificates using the CCM) and to investigate some possible unclear statements in 23.057, concerning the rights for TTP certificates seen from a user/administrator point of view.

Conclusion:

T2-020653 was noted.

T2-020662 was noted.

MExE Run-Time independent Framework

Tdoc	Subject	SOURCE
T2-020656	Draft Technical Report on a Runtime Independent Framework for MExE	Intel

T2-020661	Draft B Technical Report on a Runtime Independent Framework for MExE	Intel
T2-020664	Draft Technical Report on a Runtime Independent Framework for MExE	Intel

Tdoc T2-020656 presented by Ernie Woodward, Intel.

Tdoc T2-020661 presented by Ernie Woodward, Intel.

Tdoc T2-020664 presented by Ernie Woodward, Intel.

Tdoc T2-020656 was reviewed by the SWG1 in an editorial session, and the outcome is presented in T2-020661. The changes consists of adding references, abbreviations, spelling and grammatical corrections.

A long technical presentation of the RTIF document then took place.

It was pointed out that the RTIF will reverse the classmark concept. A mapping document linked to the runtime environment specification, referring to the RTIF spec, will now be the case instead of having the references inside 23.057. That means that 23.057 does not need to be changed every single time a new runtime environment is created and wants to be part of 3GPP.

RTIF opens up the door for new technologies that are not classmarks, which can be interpreted as both a good thing and a bad thing, dependent on the view.

RTIF lets the market decide if a new technology is going to survive, not T2/SWG1.

Interoperability in connection with RTIF is only about the MExE functions.

All the security in 23.057 is going to be reused in RTIF.

No new classmarks are needed for RTIF and no new classmarks are intended.

With RTIF the market can decide, instead of freezing the MExE work with the current 4 classmarks, which will then look like an endorsement from 3GPP.

Questions about 3GPP interest in generic rules and guidelines for application environments was mentioned.

RTIF is in the spirit of 3GPP. The current classmark scheme was a wrong development. It needs to be replaced quickly by something else.

Some further changes were made to T2-020661, and represented in T2-020664.

T2-020664 is still a draft of the RTIF and the document will be taken home to companies and carefully reviewed.

Conclusion:

T2-020656 was noted.

T2-020661 was noted.

T2-020664 was agreed.

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Binary classmark investigation WID

Tdoc	Subject	SOURCE

No input.

Presentations

Tdoc	Subject	SOURCE

No input.

Any other business

Tdoc	Subject	SOURCE
T2-020638	Thoughts on MExE	T2 chair
T2-020642	Future of MExE - recommendation	Siemens
T2-020657	MExE discussion document	Motorola

Tdoc T2-020638 presented at T2#18 open plenary.

Tdoc T2-020642 presented at T2#18 open plenary.

Tdoc T2-020657 presented at T2#18 open plenary.

Tdoc T2-020638, T2-020642 and T2-020657 were all presented at the T2#18 open plenary, and not further presented at the SWG1 meeting.

Conclusion:

T2-020638 was noted.

T2-020642 was noted.

T2-020657 was noted.

A very long discussion took place as a result of the above input papers, which were all presented in the open plenary.

It was decided in SWG1, to go back and evaluate the starting conditions for MExE.

MExE means Mobile Execution Environment. Meaning the ability to execute applications on a mobile device. When executing applications, one concern is naturally, that the application does not harm the device. Therefore some security framework must be put into place. Being able to actually get the applications into the mobile device is another issue,

which spins of the issues about application download mechanisms, interoperability between a server and the device and portability of applications to different mobile devices.

Interoperability and security was seen as the main issues.

The current 22.057 and 23.057 gives one solution to deal with the issues mentioned above. Maybe it is time to look at the issues again with a 2002 perspective in mind, and see if another solution is more applicable.

Questions were raised about the actual benefit of having a common cross-platform MExE framework.

It was stated that a lot of execution environments exist in current devices without MExE. What is it that MExE can provide to those handsets.

Maybe a TR for implementing execution environments for interoperability is a way forward.

Comments made regarding the concept of stopping work on MExE would leave the 4 classmarks as being specifically blessed by 3GPP. It does not seem fair to other execution environments.

The concept of stopping current MExE work could mean a lot of things, like from not adding new classmarks to 23.057 till freezing ALL future work.

Comments about too many options in a specification, kills a standard (with the rising number of optional classmarks in mind).

Two main purposes for the further discussion were drafted:

- 1) **What does 3GPP want to achieve?**
- 2) **How does 3GPP go forward.**

There needs to be a consistent way of getting applications into a handset.

What should 3GPP do, to be useful to the industry and deploy features.

A discussion paper was seen as the way forward, on how to modify the SWG1 work. This discussion paper was drafted online during the meeting and can be found in T2-020665.

Tdoc	Subject	SOURCE
T2-020665	Thoughts on the future of MExE – recommendations	SWG1

Tdoc T2-020665 was drafted online during the meeting.

Tdoc T2-020665 is the thoughts from the SWG1, of the future and some recommendations.

Conclusion:

T2-020665 was agreed.

Tdoc	Subject	SOURCE
T2-020666	File System API Specification For adding file management support	Emc2

Tdoc T2-020666 was not presented.

The document was given as input to SWG1 for information only on how a possible abstract API could be crafted.

Conclusion:

T2-020666 was not dealt with.

Future meetings

Surf to the 3GPP on-line meeting calendar (<http://www.3gpp.org>) for latest meeting and registration details.

Annex A – Complete Document List

APPROVED - OUTPUT TO T2

NOTED/APPROVED – NO OUTPUT TO T2

Please note that LSs and CRs should be entered like this:

LS to SA3, T3 cc CN5, SA9 MExE in relation to SExE (Smurf EXecution Environment)

CR 23.057 Rel-6 Introduction of new classmark 13

Meeting documents may be found at ftp://ftp.3gpp.org/TSG_T/WG2_Capability/TSMT2_18_Velen/Docs/

Tdoc	Subject	SOURCE
T2-020613	LS from WAP WAG DOWNLOAD DRAFTING COMMITTEE on MExE	WAP WAG
T2-020616	LS from SA5 on Entities of the mobile system	SA5
T2-020620	LS from SA2 cc T2 on entities of the mobile system	SA2
T2-020633	LS from SA3 on architecture and requirements for subscriber certificates	SA3
T2-020638	Thoughts on MExE	T2 chair
T2-020642	Future of MExE - recommendation	Siemens
T2-020650	Agenda SWG1 MExE at T2#18	Chairman
T2-020651	Report of SWG1 MExE at T2#18	Chairman
T2-020652	CR 23.057 Rel-6: Restructuring of 23.057 CC/PP section cleanup	TTPCom
T2-020653	CR 23.057 Rel-6: CCM clarifications and additions	TTPCom
T2-020654	Split of 23.057 draft version	TTPCom
T2-020655	CR 23.057 Rel-6: Adding new attributes to the JAR manifest file	TTPCom
T2-020656	Draft Technical Report on a Runtime Independent Framework for MExE	Intel
T2-020657	MExE discussion document	Motorola
T2-020658	Withdrawn (Same as T2-020657, but adding Orange and Matsushita as contributors)	
T2-020659	Withdrawn	
T2-020660	CR 23.057 Rel-6: Adding new attributes to the JAR manifest file	TTPCom
T2-020661	Draft B Technical Report on a Runtime Independent Framework for MExE	Intel

T2-020662	CR 23.057 Rel-5: CCM clarifications and additions	TTPCom
T2-020663	CR 23.057 Rel-5: Adding new attributes to the JAR manifest file	TTPCom
T2-020664	Draft Technical Report on a Runtime Independent Framework for MExE	Intel
T2-020665	Thoughts on the future of MExE - recommendations	SWG1
T2-020666	File System API Specification For adding file management support	Emc2
T2-020667		
T2-020668		
T2-020669		
T2-020670		
T2-020671		
T2-020672		
T2-020673		
T2-020674		
T2-020675		
T2-020676		
T2-020677		
T2-020678		
T2-020679		

Annex B - Participants List

NAME	ORGANISATION	E-MAIL
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Annex E: Report from SWG2 UE Interfaces and Capabilities

3GPP TSG-T2 #18
Velen, Germany
12-15 August 2002

T2-0200681

Agenda Item: T2 Closing Plenary

Source: SWG2 Chairman

Title: Report of SWG2 Velen Meeting#18

Document for: Approval

ES Executive Summary

Topics discussed at this meeting included, *GenericUser Profiles, User Equipment Management, AMR Codecs, Priority Services, AT Commands, various Liaison Statements and other logistics for future meetings, joint meetings, and meeting procedures.*

General:

The meeting was opened by Mr. Prem Sood on 17:00, 12th August 2002 and the delegates were welcomed to this meeting.

Alan Chau of Nokia volunteered to be the secretary of this meeting.

The proposed Agenda of the meeting in T2-020680 *was approved.*

One meeting related to GUP work was held on June 18-20 in Malmo, Sweden hosted by Telia. The Report is T2-020682.

A Joint Meeting has been confirmed with SA5 in Tampere on August 20, and Aug 21 as a drafting session.

The following Future Meetings were approved by SWG2 –

JM with SA5 on GUP and UEM - Oct 8th, AM, Atlanta, collocated with SA5

Dedicated T2-SWG2 Meeting on GUP/DDF - Oct 8th, PM to Oct 10th PM, Atlanta, collocated with SA5

Dedicated T2 SWG2 Meeting on GUP/DDF – January 17-18, same location as T2 Meeting Jan 20-24, West US.
TBC – Location, AT&T WL hosting

Review of Progress on Action Items

Work Item 1828: AT Commands –

Two CR proposals on the AT-Commands (27.007) were processed but none was approved.

Work Item xxxx: Generic User Profiles –

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

There was thorough discussion on the incoming LS from SA2 T2-020619 requesting a technical review of the DDF scheme and another scheme, GUP XML Schema.

Preparation of a draft WID for the T2-only tasks is under preparation, and

Five Total Outgoing LS's, four LS's to SA2 in T2-020(700, 704, 707 and 708) and one LS to CN4 (T2-020782) were approved.

Work Item xxxx: User Equipment Management –

An Incoming LS from SA5, 623, proposes T2 SWG2 work on UEM protocols for Release 6, and includes a draft WID. It was reviewed and SWG2 decided to send a response LS in T2-020709. SWG2 will have a joint meeting with SA5 on 20 - 21 August in Tampere, Finland.

Other Items Executive Summary from SWG2 meeting :

AMR Codec, Tones

A CR to 21.904 UE Capabilities Requirements was approved and is presented to T2 for approval. (Tdocs 690).

Future Meetings:

Meeting	Date	Venue	Comment
JM with SA5 on GUP	Aug 20,21	Tampere	Confirmed.
JM with SA5 on GUP	Oct 8	Atlanta, Georgia	Proposed to SA5.
SWG2_02 GUP	Oct 8 PM – Oct 10 (7 PM), 2002	Atlanta, Georgia	Confirmed
SWG2 #18	Nov. 18-22, 2002	Korea	T2 plenary
SWG2_03 GUP	Jan 17–18, 2002	West USA, T2 Location	TBC – AT&T WL hosting

Output Change Requests:

TDoc	Title	Source	Comment
T2-020690	CR to TR21.904 on UMTS_AMR2 codec	Sharp	Agreed

Output Liaison Statements:

TDoc	Title	Source	Comment
T2-020704	LS Response on GUP DDF Strategic Direction	Nokia	Approved
T2-020709	LS on UEM REL 6 WID	SWG2	Approved
T2-020707	LS to SA2 GUP information model	Ericsson	Approved
T2-020708	LS to SA2 on GUP, Situation Dependent Profiles, Discussion paper	Ericsson	Approved
T2-020700	LS to SA2 on GUP WID and DDF	Ericsson	Approved
T2-020782	LS to CN4 on the support of "choice" construct in DDF	NTT DoCoMo	Approved

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 05.00 pm on Monday August 12, 2002.

Alan Chau of Nokia volunteered to act as the meeting secretary.

The Chair welcomed everyone to Velen Germany and thanked Materna for hosting the meeting.

The Meeting closed at 3.35 pm on Thursday Aug 15.

1.1. Approval of the proposed Agenda

Document – T2-020680

TDoc No.	Title	Source	Status
T2-0206800	SWG2 draft meeting agenda	SWG2 Chair	Approved

Presented by –

Chairman.

Resolution –

Approved.

1.2. Joint and Dedicated Meetings Schedule

Aug, 20, 21 JM with SA5 on GUP and UEM/SuM. Aug 20 – JM. Aug 21 – drafting session.

Confirmed by SWG2 –

1. JM with SA5 on GUP and UEM – Oct 8, AM; Atlanta Georgia. To be confirmed by SA5 the week of Aug 19-23.

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2. Dedicated SWG2 – Oct 8 PM to Oct 10; Atlanta Georgia – Confirmed by SWG2. For Meeting Invitation see SA5 Oct 7-11.

3. Dedicated SWG2 – Jan. 17 to Jan 18, West USA, colocated with T2 – To be Confirmed by AT&T WL, hosting.

1.3. Review of previous Action Points

Tdoc Draft1 T2-020681

See also Section 10.1 for AP review results

AP Description	Assigned to	Status	Comments
Action 15.2, 15.3, to review documents related to Generic User Profiles.	All SWG2	Recurring	See below
Action 16.4 – Draft a paper to address the architecture solution for MMS UICC portability and circulate on Reflector	I. Leuca	End of Feb.	Pending
17.1 Review 27.104 (v object) to see if it is still needed, and provide inputs if required	All	Due T2#18	Search for updated spec. Not relevant.
17.2 SWG2 GUP to consider implementing the CN4 recommendation on "Choice Construct" and generate a response when the action is planned.	SWG2 GUP	Due T2#18	
17.3 SWG2 Chair contact SA5 to arrange the JM in August	SWG2 Chair	Closed	JM in Aug, 20, 21 JM Oct 8 proposed
1M.01. SWG2 delegates need to thoroughly review the technical specifications 23.241 and 24.241 before/at the next T2 plenary.	All	Opened	Closed
1M.02. Ericsson (Bo) is to create an input document to Velen on DDF requirements for annex 23.241	B. Johansson	Opened	Closed
1M.03. Delegates are to review Annex A and G (T2C-020009, 10) before T2#18	All	Opened	Closed
1M.04. Initiate an email discussion to create an activity list for progressing the Common Objects work: based upon T2C-020007	H. Thuvevsson	Opened	Not complete. Due end of Aug.

work; based upon T2C-020007.			
1M.05. Develop goals, activity list, and prioritization for Release 6 concerning DDF and Common Objects.	T2SWG2	Opened	Nicola to coordinate e-mail discussion.

Action 15.2 is changed to a recurring action, i.e. there is no due date. The Action is for all members to review TS 22.240 on an ongoing basis. The specification will not be reviewed in a meeting format.

Action 15.3 is changed to a recurring action, i.e. there is no due date. The Action is for all members to review TS 23.240 on an ongoing basis. The specification will not be reviewed in a meeting format.

Action 15.4 is closed. The Action is for all members to review TS 23.241 on an ongoing basis. Since this specification is the responsibility of SWG2 GUP, the document will be reviewed as standard procedure.

Action 15.5 is closed. The Action is for all members to review TS 24.241 on an ongoing basis. Since this specification is the responsibility of SWG2 GUP, the document will be reviewed as standard procedure.

1.4. Appointment of Rapporteurs

Olga Tome, Ericsson has volunteered to take over the rapporteurships for the TS 27.007/07.07 AT Command.

Alan Chau, Nokia has volunteered to take over the rapporteurships for the TS 27.103 Wide Area Data Synchronisation.

The chairman expressed his greatest appreciation.

2 Items for immediate discussion.

Tdocs 623, 619

TDoc No.	Title	Source	Status
T2-020623	LS from SA5 on REL. 6 WID on UEM	SA5	Noted

Presented by – .

Prem Sood

Discussion –**Resolution –**

Delegates are encouraged to read the document for the discussion on Wednesday.

TDoc No.	Title	Source	Status
T2-020619	LS from SA2 on GUP DDF	SA2	Noted

Presented by – .

Jukka Aakula

Discussion –

- 1) Is DDF needed?
- 2) Is Schema needed?
- 3) Any conflict if used together.

Resolution –

Delegates are encouraged to read the document for the discussion on Tuesday.

3.1 UMTS AMR2 codec

Tdocs 690

TDoc No.	Title	Source	Status
T2-020690	CR to TR21.904 on UMTS_AMR2 codec	Sharp	Approved

Presented by – .

Prem Sood

Discussion –

Resolution –

Approved

3.2 Generic User Profiles

Tdocs 682, 614, 632, 691, 619, 695, 697, 699, 683, 684, 685, 686, 687, 688, 689, 692, 693, 694, 696, 698

Document – T2-020682

TDoc No.	Title	Source	Status
T2-020682	Malmo SWG2 DDF meeting report	SWG2	Approved

Presented by – .

Discussion –**Resolution –**

Agreed.

Document – T2-020614

TDoc No.	Title	Source	Status
T2-020614	LS from SA5 to SA2 cc T2 on GUP work progress	SA5	Noted

Presented by – .

Prem

Discussion –

Response in 700.

Document – T2-020632

TDoc No.	Title	Source	Status
T2-020632	LS from SA1 on GUP Work Item Description and DDF	SA2	Noted

Presented by – .

Prem

Discussion –

Response in T2-020700.

Document – T2-020691

TDoc No.	Title	Source	Status
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T2-020691	Proposed Re-Organization of TS 23.241	Sharp	Noted
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Presented by –

Prem

Discussion –**Resolution –**

This paper will be forwarded to the GUP SWG for consideration.

Document – T2-020619

TDoc No.	Title	Source	Status
T2-020619	LS from SA2 on GUP DDF	SA2	Noted

Presented by –

Jukka Aakula

Discussion –

Action to T2: The current data description will have an impact on the architecture SA2 are constructing. The data description has to be incorporated into the general architecture. To achieve this SA2 need a detailed explanation of the reasons for the current DDF. For instance alternative to the existing DDF concept may already exist. SA2 requests T2 to review the contribution S2-021806 as an example for such possible alternatives. **Based on the analysis T2 is requested to give guidance to SA2 on whether there are technical reasons to continue the work on GUP DDF or should one of the existing schema mechanisms be utilized within 3GPP systems.**

Resolution –

This paper will be forwarded to the GUP SWG for consideration.

Document – T2-020695

TDoc No.	Title	Source	Status
T2-020695	Comments to S2-022031 Liaison Statement on GUP DDF from SA2	Ericsson	Noted

Presented by – .

Olga Tome

Discussion –**Resolution –**

Noted

Document – T2-020697

TDoc No.	Title	Source	Status
T2-020697	Discussion of the GUP Schema Mechanism and the GUP Data Declaration Process	Nokia	Noted. Output in T2-020704

Presented by – .

Jukka Aakula

Discussion –

Nokia do not see a need for continuing the work on the Data Declaration Framework. Instead XML Schema should be used to define the Profile Component Structures. The GUP Common Objects (used by several Profile Components) should be defined using the XML Schema Data Type mechanism.

Resolution –

Ericsson and Nokia provide a position paper in 704 to response back to SA2.

Document – T2-020688

TDoc No.	Title	Source	Status
T2-020688	Enhancement of Introduction, Scope, and Background in TS 23.241	DDF SWG Malmo	Updated in 705
T2-020705	Enhancement of Introduction, Scope, and Background in TS 23.241	Telia	Noted. Agreed to add to the next version 23.241

Presented by –

Telia

Discussion –

This is an output of the June DDF SWG meeting in Malmo which includes new text for inclusion in section Introduction, 1 Scope, and 4 Background of 23.241 v0.3.1 based on 22.240 v0.9.0, 23.240 v0.4.0, and others. The document introduces the reader to the Data Description Framework (DDF) concept and scenarios in 3GPP Generic User Profile (GUP).

Resolution –

T2-020705 is agreed to add to the next version 23.241

Document – T2-020689

TDoc No.	Title	Source	Status
T2-0206894	Enhancement of Introduction, Scope, and Background in TS 24.241 (Common object)	DDF SWG Malmo	Updated in 706
T2-020706	Enhancement of Introduction, Scope, and Background in TS 24.241 (Common object)	Telia	Noted. Agreed to add to the next version 24.241

Presented by –

Telia

Discussion –

This is an output of the June DDF SWG meeting in Malmo which includes new text for inclusion in section Introduction, 1 Scope, and 4 Background of 24.241 v0.3.1 based on 22.240 v0.9.0, 23.240 v0.4.0, and others. The document introduces the reader to the Data Description Common Objects concept and scenarios in 3GPP Generic User Profile (GUP).

The term Common Objects is still unclear to delegates.

The proposed text in this document has included some requirements for Common Objects which are not appropriate for a stage 3 specification.

Resolution –

Updated in T2-020706.

Document – T2-020683

TDoc No.	Title	Source	Status
T2-020683	TS 23.241 DDF v 0.3.1	DDF SWG	Noted

Presented by – .

Noted without presentation as presented in the T2#17.

Discussion –

Resolution –

Document – T2-020684

TDoc No.	Title	Source	Status
T2-020684	TS 24.241 Common Objects v 0.3.1	DDF SWG	Noted

Presented by – .

Noted without presentation as presented in the T2#17.

Discussion –

Resolution –

Document – T2-020685

TDoc No.	Title	Source	Status
T2-020685	Updated Annex A in TS 23.241	Ericsson	Agreed

Presented by – .

Bo.

Discussion –

Resolution –

The changes will be updated into the TS 23.241.

Document – T2-020686

TDoc No.	Title	Source	Status
T2-020686	Updated Annex G in TS 23.241	Ericsson	Agreed.

Presented by – .

Bo

Discussion –**Resolution**

The changes will be updated into the TS 23.241.

Document – T2-020687

TDoc No.	Title	Source	Status
T2-020687	Comments to TS 23.241	Ericsson, NTT DoCoMo	Postpone to DDF SWG.

Presented by – .

Nicola.

Discussion –**Document – T2-020692**

TDoc No.	Title	Source	Status
T2-020687	GUP information model	Ericsson	Noted. Output in 707 and 708

Presented by – .

Bo.

Discussion –

It was agreed to send this document in a LS to SA2 in T2-020707. It was also to send a LS to SA2 in 708 to explain the GUP situation dependent profiles discussion paper.

Document – T2-020693

TDoc No.	Title	Source	Status
T2-020693	Annex to TS 23.241, DDF requirements	Ericsson	Noted

Presented by – .

Olga.

Discussion –

This is a proposal on DDF requirements for a new Annex I to TS 23.241 based on the deleted text from TS 23.240 between version 0.3.0 and 0.4.0.

Resolution –

Noted.

Document – T2-020694

TDoc No.	Title	Source	Status
T2-020694	GUP, Method to find (Common) Objects	Ericsson	Noted. Updated 780
T2-020780	Updated GUP, Method to find (Common) Objects	Ericsson	Agreed

Presented by – .

Bo

Discussion –

Noted.

Resolution –

3GPP

Updated in 780.

Document – T2-020696

TDoc No.	Title	Source	Status
T2-020696	W3C Document Notice and License	NTT DoCoMo Inc	Noted

Presented by –

Nicola

Discussion –

This document presents information gathered from the W3C web site on the copyright rules at W3C.

Resolution –

Nicola and Prem Sood will discuss this issue with T2 management team.

Document – T2-020704

TDoc No.	Title	Source	Status
T2-020704	LS Response on GUP DDF Strategic Direction (reply to T2-020697)	Nokia	Agreed

Presented by –

Jukka Aakula

Discussion –

SWG2 chairman explicitly asked Ericsson if they would agree with this LS. Ericsson stated that they agreed with this LS.

Resolution –

Agreed.

Document – T2-020707

TDoc No.	Title	Source	Status
T2-020707	LS to SA2 GUP information model	Ericsson	Agreed

Presented by – .

Bo Johansson

Discussion –

This document is to inform SA2 the current T2 view of the GUP information model.

It was suggested that SA2 might not require details information in the GUP information model and a simplified view might be more useful for SA2 .

Delegates are encouraged to review the GUP information model in details.

Resolution –

Approved.

Document – T2-020708

TDoc No.	Title	Source	Status
T2-020708	LS to SA2 on GUP, Situation Dependent Profiles, Discussion paper	Ericsson	Agreed

Presented by – .

Bo Johansson

Discussion –

No comments from the floor

Resolution –

Agreed

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Document – T2-020700

TDoc No.	Title	Source	Status
T2-020700	LS to SA2 on GUP WID and DDF	Ericsson	Agreed

Presented by – .

Jukka Aakula

Discussion –

This LS is to ask SA2 to confirm their earlier recommendation to split the GUP WID into a separate WID covering the T2 parts.

Nokia asked if the GUP schema mechanism could be included into the new T2 WID. Sharp expressed support to the Nokia proposal and also see the merit doing the work in T2.

Resolution

Agreed

Document – SP-020163

TDoc No.	Title	Source	Status
SP-020163	Approved 3GPP GUP WID in March 2000	Nokia	Noted

Presented by – .

Alan Chau

Discussion –

Nokia proposed to update the current GUP WID as requested informally by SA2. The current GUP WID has outdated details on time schedules for the T2 deliverables since the March 2000 approval, and that the TS 23.241 and 24.241 rapporteurs have been changed. The SWG2 chairman did not feel that it was appropriate to update the WID at this meeting.

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Resolution –

Noted.

Document – T2-020782

TDoc No.	Title	Source	Status
T2-020782	LS to CN4 on the support of “choice” construct in DDF	NTT DoCoMo	Agreed

Presented by – .

Nicola

Discussion –

This is a response to Liaison Statement on coordination of data definitions, identified in GUP development (T2-020356, N4-020463).

Also see AP 17.2.

Resolution –

Agreed.

Document – T2-020698

TDoc No.	Title	Source	Status
T2-020698	Comparison of MMS-DataCom parameters in different specs	Ericsson	Noted

Presented by – .

Olga

Discussion –

This document shows how the DataCom parameters relevant for MMS are described in different ways in different specifications. It highlights the need to have a common identifier and a common description for each of them,

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independent of the used transport format or specification. The suggested way to solve this is to apply the DDF concept as described in TS 23.241.

Resolution –

Noted.

Document – T2-020699

TDoc No.	Title	Source	Status
T2-020699	GUP - Stakeholders' benefits of DDF	Ericsson	Noted

Presented by – .

Olga

Discussion –

It is often asked what are the benefits of a Data Description Framework, DDF. In this document a number of benefits with a Data Description Framework are listed. The benefits are given from a number of stakeholders' point of view.

Resolution –

Noted.

3.4 UE Management

Tdocs 606, 617, 623, 634

Document – T2-020606

3GPP

TDoc No.	Title	Source	Status
T2-020606	LS from SA5 on UEM and TR 32.802	SA5	Noted

Presented by – .

Prem Sood

Discussion –**Resolution –**

For information only.

Document – T2-020617

TDoc No.	Title	Source	Status
T2-020617	LS from SA5 on support for subscriber certificates	SA5	Noted

Presented by – .

Prem Sood

Discussion –**Resolution –**

For information only.

Document – T2-020623

TDoc No.	Title	Source	Status
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T2-020623	LS from SA5 on Rel-6 WID for User Equipment Management	SA5	Noted
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Presented by – .

Prem Sood

Discussion –

- minimum requirements to be defined in order to avoid implementing unnecessary features for operators
- UEFS should be deleted
- TR on GAP analysis
- Is the requirement in 32.802 enough or new document?
- GAP analysis should be presented one pleantry behind the SA5 requirement specification.
- UEM prioity
- Define objects and which are required
- Define the UEM profile items
- SA5

A T2 WID for Protocol Specification, GUP & gap analysis will be required

AWS Venson Shaw has volunteered to be the rapporteur for the protocol specification and be acting rrapporteur for the TR Gap Analysis. AWS is also supporting a potential T2 WID on UEM Protocol Specification, GUP & gap analysis.

Venson Shaw will be acting the co-ordinator to draft a T2 UEMWID at the SA5/T2 JM in Tampere.

Resolution –

A replied LS in T2-020709

Document – T2-020634

TDoc No.	Title	Source	Status
T2-020634	LS from SA3 on Release 6 WID on User Equipment Management – security aspects	SA3	Noted

Presented by – .

3GPP

Prem Sood

Discussion –

Resolution –

For information only.

Document – T2-020703

TDoc No.	Title	Source	Status
T2-020703	Replied LS to SA5 UEM WID	Sharp	withdrawn

Presented by – .

Prem Sood

Discussion –

Resolution –

For information only.

Document – T2-020709

TDoc No.	Title	Source	Status
T2-020709	LS on UEM REL 6 WID	SWG2	Agreed

Presented by – .

Olga

Discussion –

3GPP

Resolution –

Agreed

3.5 AT Commands

TDocs 637, 701

Document – T2-020637

TDoc No.	Title	Source	Status
T2-020637	Unclear standardisation of AT command +WS46	GSMA TWG	Noted

Presented by – .

Prem Sood.

Discussion –

This document is provided for information only.

Resolution –

RAN2 is requested to clarify the terminal behaviour from multi-RAT to single-RAT. T2 will not take any action until it is clarified by RAN2.

Document – T2-020701

TDoc No.	Title	Source	Status
T2-020701	CR Reservation of +CASS for Assistive Devices	Sharp	Rejected & noted

Presented by – .

Prem Sood.

Discussion –

ETSI HF28 would like to reserve +CASS for future usage of AT Commands for Assistive Devices for Disabled Persons being developed in HF28.

Resolution –

A number of companies felt that it was inappropriate to have a reservation without defining the actual AT command. This CR was not approved.

Email discussion on context modification from Hans-Henrik Veisner

This is for information only to the delegates that there were email discussions. Prem Sood stated that no action has been taken from the email discussion.

4.3 Other

Tdocs 609, 635

Document – T2-020xx

TDoc No.	Title	Source	Status
T2-020xx	xx	SA1	Noted

Presented by – .

Discussion –

Resolution –

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

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

6. Approval of Output Documents for T2 Approval.

TDoc No.	Title	Source	Status
T2-020690	CR to TR21.904 on UMTS_AMR2 codec	Sharp	Approved
T2-020704	LS Response on GUP DDF Strategic Direction	Nokia	Approved
T2-020709	LS on UEM REL 6 WID	SWG2	Approved
T2-020707	LS to SA2 GUP information model	Ericsson	Approved
T2-020708	LS to SA2 on GUP, Situation Dependent Profiles, Discussion paper	Ericsson	Approved
T2-020700	LS to SA2 on GUP WID and DDF	Ericsson	Approved
T2-020782	LS to CN4 on the support of "choice" construct in DDF	NTT DoCoMo	Approved

6.2 Meeting Report of this SWG2 Meeting

T2-020681	Report of T2 SWG2 #18		

7. Deferred Items

No

8. Any Other Business

No

9. Future Meetings, Time Requirements

See Executive summary.

10 Close of the Meeting

10.1. List of New Action Points added at this meeting

AP Description	Assigned to	Status	Comments
17.1 Review 27.104 (v object) to see if it is still needed, and provide inputs if required	All	Due T2#18	Closed
17.2 SWG2 GUP to consider implementing the CN4 recommendation on "Choice Construct" and generate a response when the action is planned.	SWG2 GUP	Due T2#18	Closed. See response LS in T2-020782. Bo. J to conclude on e-mail end-Aug.
17.3 SWG2 Chair contact SA5 to arrange the JM in August	SWG2 Chair		Closed
18.1 GUP SWG to review T2-020691 (Proposed Re-Organization of TS 23.241)	All	Due Oct SWG Meeting	Bring re-structure proposals to Oct SWG
18.2 A rapporteur is required for the TR on UEM GAP analysis	All	Due T2#19	
18.3 Draft a T2 UEM WID	Venson Shaw	Due JM 21.8	
18.4 Venson shaw to produce a T2 UEM work plan and distribute it over the email reflector	Venson Shaw	Due T2#19	E-mail earlier.
18.5 Venson Shaw to check the AP 16.4	Venson Shaw	ASAP	

Annex A List of all temporary documents

SWG2 FINAL Document List

T2#18 Velen, Germany.

COLOR CODE

APPROVED - OUTPUT TO T2

NOTED/APPROVED – NO OUTPUT TO T2

PENDING / ACTION

NOT REVIEWED AT THIS MEETING

NOT DISCUSSED YET

TDOC	Subject	Source	Resolution
T2-020606	LS from SA5 on UEM and TR 32.802	S5-022050	Noted
T2-020609	LS from RAN2 to SA1 cc T2 on Priority Service Feasibility Study	R2-021469	Noted
T2-020614	LS from SA5 to SA2 cc T2 on GUP work progress	S5-022046	Noted
T2-020617	LS from SA5 on support for subscriber certificates	S5-022008	Noted
T2-020619	LS from SA2 on GUP DDF	S2-022031	Noted. ?Response in 702
T2-020623	LS from SA5 on Rel-6 WID for User Equipment Management	S5-022110	Noted. Response in 709
T2-020632	LS from SA1 on GUP Work Item Description and DDF	S1-021207	Noted with Output in 700
T2-020634	LS from SA3 on Release 6 WID on User Equipment Management – security aspects	S3-020448	Noted
T2-020635	LS from SA4 on Draft Working Item Description PSS Rel-6	S4 (02)0484	Noted

	Rel-6		
T2-020637	LS from GSMA TWG on unclear standardisation of AT command +WS46	GSMA TWG Doc 195/02	Noted. RAN2 action, Ercsn&Siemens to expedite
T2-020437	Draft GUP T2 WID from Vancouver Meeting		Noted
T2-020680	Agenda SWG2#18	SWG2 Chair	Approved
T2-020681	Meeting Report SWG2#18	SWG2 Chair	Output to T2
T2-020682	SWG2 meeting Report, Malmoe (T2C-020002)	SWG2_Mal moe Chair	Noted and approved.
T2-020683	TS 23.241 GUP DDF (v0.3.1) (T2C-020003)	SWG2_Mal moe Chair	Noted
T2-020684	TS 24.241 GUP ComObj (v0.3.1) (T2C-020004)	SWG2_Mal moe Chair	Noted
T2-020685	Updated Annex A in TS 23.241 (T2C-020009)	Ericsson	Approved for next version of 23.241
T2-020686	Updated Annex G in TS 23.241 (T2C-020010)	Ericsson	Approved for next version of 23.241
T2-020687	Comments to 23.241 (T2C-020019)	Ericsson, NTT DoCoMo	Noted, not approved for next version of 23.241. Re-submit to SWG GUP meeting.
T2-020688	TS 23.241 Intro, Scope (T2C-020021)	Telia, SWG2_Mal moe	Re-edit in 705
T2-020689	TS 24.241 Intro, Scope (T2C-020022)	Telia, SWG2_Mal moe	Re-edit in 706
T2-020690	CR to 21.904, UMTS_AMR_2	Sharp	Approved. Output to T2
T2-020691	Proposed Re-Organization of TS 23.241	T2-SWG2 Chairman	Noted and Referred to SWG2 GUP Meeting.
T2-020692	GUP information model	Ericsson	Noted. LS to SA2 in 707, 708
T2-020693	Annex to TS 23.241, DDF requirements	Ericsson	Noted. Input to SWG2 GUP Meeting
T2-020694	GUP, Method to find (Common) Objects	Ericsson	Noted. Update in 780
T2-020695	Comments to S2-022031 Liaison Statement on GUP DDF from SA2	Ericsson	Noted
T2-020696	W3C Document notice and license (T2C-020005)	NTTDoCoMo	Noted. Action N. McGregor, SWG2 Chair to discuss with T2 Mgmt
T2-020697	Discussion of the GUP Schema Mechanism and the GUP Data Declaration Process	Nokia	Noted

	GUP Data Declaration Process		
T2-020698	MMS-DataCom parameters List	Ericsson	Noted
T2-020699	GUP, Stakeholders benefits of DDF	Ericsson	Noted
T2-020700	LS Response to 632 to SA2 on T2 GUP WID	G. Bratt	Approved. Output to T2
T2-020701	Draft CR to Reserve +CASS in 27.007 for Assisted Devices	SWG2 Chair	Noted. For members' information only. Not Approved
T2-020702	LS Response to 619 GUP DDF Analysis	SWG2 Chair	Noted. No Output to T2
T2-020703	LS Response to 623 UEM REL 6 WID	SWG2 Chair	Noted. Not approved.
T2-020704	LS Response to SA2 on GUP DDF Strategic Direction	Gunilla & Jukka	Approved. Output to T2
T2-020705	Re-edit of 688	Henrik T.	Approved to include in next version of 23.241
T2-020706	Re-edit of 689	Henrik T.	Approved to include in next version of 24.241
T2-020707	LS to SA2 GUP Information Model Discussion paper	Bo. J.	Approved. Output to T2
T2-020708	LS to SA2 GUP Situation Dependent Profiles Discussion Paper	Bo. J.	Approved. Output to T2
T2-020709	LS Response to 623 UEM REL 6 WID	Ericsson, Olga Tome	Approved. Output to T2
T2-020780	Update of 694 – Method of DDF COs Rev Engrg	Bo J.	Approved. No output to T2
781	Proposed update of SA GUP WID	A. Chau	Withdrawn
782	LS Response to CN4 on DFF Choice construct	N. Gregor	Approved. Output to T2

Annex B List of Participants

DELEGATE	ORGANIZATION	E-MAIL
Prem Sood (Chair)	Sharp	pls@sharplabs.com
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Annex F: 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#18 were attended by 33 delegates. All in all 91 tdocs were processed, among these 21 incoming LSs. Due to lack of time 9 tdocs (all on MMS REL-6) had to be postponed to the next meeting.

SMS: PID versus DCS values

T#16 tasked T2 to check the preference or priority between PID and DCS in more detail. After an analysis of this issue SWG3 concluded that there is no unique way to declare priority for either of the parameters TP-PID or TP-DCS. This conclusion can be found in an LS to T, T2-020770.

MMS: Work Item Description for REL-6

SWG3 produced a WID in T2-020763 for MMS REL-6 which was T2-approved during the week and sent to SA1 for comments. SWG3 received a draft of an LS from SA1 with suggestions for additional items to this WID. A comparison table between these SA1 items and WID items was done. SWG3 concluded that most of the SA1 items were already contained under the topics in the WID. Two items were unclear to SWG3 and SA1 was asked to provide clarifications. One missing item was identified and the WID was updated in T2-020794 and approved by SWG3.

MMS: “directory number” in 22.101

A proposed CR to 22.101 (subject to SA1 and SA approval) came to SWG3’s attention which mandates the SMS implementation of a “directory number” in MMS. SWG3 believes that mandating an SMS-specific implementation in MMS is inappropriate and may cause difficulties in its realisation. **SWG3 asks the T2 chairman to raise this issue at T#17.** Moreover, SWG3 suggests that the functional requirement (without implementation details) should rather be written into 22.140, MMS stage 1.

MMS: MM message size

At SA#16 it was pointed out that the definition of MM message size in the SA5 charging spec is different from the definition in 23.140. T2 was asked to look into this. After discussions SWG3 concluded to keep the definition as in 23.140v5.3.0 and to recommend its adoption by SA5. An LS on this matter is created in T2-020764 to SA5, GSMA-CPWP, cc: SA.

MMS: USIM

T#16 requested T2 to apply USIM support by MMS User Agents to REL-4 of 23.140 to avoid potential data inconsistency on the USIM and to define the MMS User Agent behavior w.r.t. the USIM. Accordingly, a CR to 23.140 REL-4 was generated in T2-020774 and an LS is sent to T3, cc T in T2-020772.

MMS: Problems with MMS stage 2 REL-5

At T#16 a discussion document (TP-020107, T2-020718) on problems with MMS stage 2 Rel-5 was given back to T2 for the discussion to continue. A number of problems in 23.140 REL-5 were identified regarding time stamping, acknowledgements and others. SWG3 came to conclusions on the general principles how to overcome these problems avoiding impact on the MM1 stage 3 implementation. Some of these principles are already reflected in CRs, others will result in CRs in future meetings.

MMS: 3GPP / 3GPP2 harmonization:

SWG3 discussed MMS Harmonization between 3GPP and 3GPP2 and understands this to be an important issue which needs to be solved in a timely fashion. **SWG3 suggests that T2 asks T to take care of MMS Harmonization between 3GPP and 3GPP2 and to provide guidelines for the procedure.** SWG3 believes that the same mechanisms constructed by SA regarding 3GPP-3GPP2 harmonization in other areas should also be used to harmonize MMS.

MMS: DRM

Some delegates commented that work on DRM in MMS is urgent and that an e-mail discussion should be started on this topic.

MMS: JM with SA5 on MMS charging

Henrik Thuvesson (Telia AB) volunteered to act as T2 convenor for the JM T2/SA5, 19th August. He will ensure that the joint meeting reports to T2, indicating action items for T2 if needed, and he will present 23.140 REL-5 and the WID of MMS REL-6 to the joint meeting.

Future Meetings:

Meeting	Date	Venue	Comment
JM SA5/T2-SWG3	19 August 2002	Tampere	
SWG3#12	3 days in week 21-25 October 2002	Tbd	<p>We need a host !</p> <p>Scope: MMS REL-6 only !</p> <p>The focus of that meeting will be decided via email. As a basis companies MUST send their plans – including title and type (CR, discussion) - for contributions until 20.09.2002</p>
SWG3#13	09-13 December 2002	Tbd	We need a host !

Output Work Item Description from SWG3 sessions:

Document #	Subject	Source	Status within SWG3	Comments
T2-020794	MMS REL-6 WID	Comverse et al	approved	revised T2-020763

Output Change Requests from SWG3 sessions:

CBS:

Document #	Subject	Source	Status within SWG3	Comments
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T2-020762	CR 23.041 REL-6 Identification of a directory number	Teleca	approved	revised T2-020746
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SMS:

Document #	Subject	Source	Status within SWG3	Comments
T2-020721	CR 23.040 REL-5 Error in MS example correction	Teleca	approved	
T2-020761	CR 23.040 REL-6 Identification of a directory number in the User Data Field	Teleca	approved	revised T2-020742

EMS:

None

MMS:

MMS REL-4

Document #	Subject	Source	Status within SWG3	Comments
T2-020774	CR 23.140 REL-4 MMS parameters on the USIM including mandatory UA behaviour wrt status of EF_MMSN	ATTWS	approved	combines T2-020765 with T2-020773, T2-020735 and T2-020749 for REL-4

MMS REL-5

Document #	Subject	Source	Status within SWG3	Comments
T2-020724	CR 23.140 Rel-5: Correction of MM7 Schema	Comverse	approved	
T2-020734	CR 23.140 Rel-5 Reference Update	Siemens	approved	
T2-020735	CR 23.140 Rel-5 MMS UA behaviour for handling number of MMS connectivity parameters sets on the USIM	Siemens	approved	
T2-020737	CR 23.140 REL-5: Editorial corrections for MM7 submit request/response examples	Alcatel	approved	
T2-020749	CR to 23.140 Rel-5 Binary Encoding of MMS User Preferences for Storage on the USIM	Siemens	approved	
T2-020766	CR 23.140 REL-5: Corrections towards MM7 Stage 3 examples	Nokia, Logica, Ericsson, Comverse	approved	revised T2-020727
T2-020768	CR 23.140 Rel-5: Mandatory SRI_for_SM option for MMS recipient address resolution	Vodafone	approved	revised T2-020723

T2-020773	CR 23.140 REL-5 on mandatory UA behaviour wrt status of EF_MMSN	ATTWS	approved	
T2-020795	CR 23.140 REL-5 MMS Acknowledgements for unconfirmed transactions	Teleca, SchlumbergerSema	approved	revised T2-020790
T2-020797	CR 23.140 REL-5 time stamp definition and time clarifications	Logica	approved	

MMS REL-6

None

Output Liaison Statements from SWG3:

CBS:

Document #	Subject	Source	Status within SWG3	Comments
T2-020759	reply-LS to WAP WPG on UDH over CBS	Teleca	approved	reply-LS to T2-020605

SMS:

Document #	Subject	Source	Status within SWG3	Comments
T2-020729	LS reply to T3 on TP-DCS values for SIM data download in REL4	Siemens	approved	
T2-020756	reply-LS to T1 cc T on Handling of SMS Type 0 test case for R'99 and REL-4 UEs	Alcatel	approved	reply-LS to T2-020641
T2-020770	LS to T on PID vs DCS priority	Siemens	approved	

EMS:

None

MMS:

Document #	Subject	Source	Status within SWG3	Comments
T2-020646	LS reply to SA5 cc SA2 on Entities of the mobile system	T2 (Paolo)	approved	The LS is the result of an action assigned to Paolo during T2-OP

T2-020648	Reply-Ls to SA4, cc SA1, SA2 on LS on PSS Release 6	Comverse	approved	Reply-Ls to T2-020635 on PSS pre-transport adaptation
T2-020754	reply-LS to SA5 on Charging Support for VASP MMS Connectivity	Nokia	approved	Reply-LS to T2-020624
T2-020755	reply-LS to CN5 cc SA1, SA2, SA5 on Joint Meeting SA5/CN5/T2 on MMS charging	Ericsson	approved	Reply to T2-020631
T2-020757	LS to SA1, cc GSMA CPWP, SA5 on MMS R/E Roaming Awareness	Nokia	approved	Reply to T2-020643
T2-020758	reply-LS to OMA MMDC on questions regarding detailed notification	Nokia	approved	Reply to T2-020645
T2-020760	reply-LS to SerG, SA1, cc SA2 on MMSC Multimedia Transcoding Interface	CMG	approved	Reply to T2-020629
T2-020764	reply-LS to BARG-CPWP, SA5, cc SA on MMS Volume Definition	CMG	approved	Reply to T2-020618
T2-020767	LS to SA4 on synthetic video	Teleca	approved	
T2-020772	reply-LS to T3, cc T on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	Nokia	approved	Reply-LS to T2-020611
T2-020798	LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option for MMS recipient address resolution	Comverse	approved	revised T2-020769

List of postponed documents:

Document #	Subject	Source	Status within SWG3	Comments
T2-020599	CR 23.140 REL-6 Compliance matrix in specification	CMG	postponed	-
T2-020601	Discussion on restructuring 23.140	Siemens	postponed	-
T2-020630	Digital Rights Management	T2 Chairman	postponed	-
T2-020636	DRM - further considerations	T2 Chairman	postponed	-
T2-020698	MMS-DataCom parameters List	Ericsson	postponed	T2-OP: Josef and Prem to liaise on potential output
T2-020725	Discussion paper: Support of multiple MMS Relay/Servers by MMS Client	Comverse	postponed	-
T2-020736	MMS end-to-end security services : use cases	France Telecom	postponed	-
T2-020740	MMS Security Services	Gemplus, Openwave	postponed	-
T2-020741	CR 23.140 REL-6 Security Services	Gemplus, Openwave	postponed	-

Detailed Report:

General: Opening of SWG3

Tdoc	Title	Source	Comment
T2-020710	Draft Agenda SWG3 at T2#18	SWG3 Chairman	

Discussion: Some modification suggested and approved

Conclusion: Replaced by T2-010752

Tdoc	Title	Source	Comment
T2-020752	Agenda SWG3 at T2#18		

Discussion:

Conclusion: Approved

TDoc	Title	Source	Comment
	Appointment of temporary secretaries		

Discussion:

Conclusion: Rami Neudorfer and Ville Warsta were appointed to this noble position.

Incoming Liaison Statements:

TDoc	Title	Source	Comment
T2-020605	LS from WPG (no title)	WAP Forum	Replay LS 759

Discussion:

Presented by Pdraig from Logica. The question to WAPF was if WAP is being sent over CBS. According to Barry Jones and Ian the answer is not clear. It was suggested that we infer that the WAPF is not using the CBS code points., and therefore 3GPP could reclaim the unused code points.

Conclusion:

No answer from WAP forum is expected. Ian will write a LS as mentioned above. Offline the conclusion was revised and is reflected by the LS T2-020759

TDoc	Title	Source	Comment
T2-020607	Reply to LS on "3GPP SA1 MMS SWG" from SA5 (S5-024033	SA1	

Discussion:

Reviewed by Henrik from Telia

Conclusion:

Noted

TDoc	Title	Source	Comment
T2-020608	Liaison Statement on draft Push stage 1 for information	SA1	

Discussion:

Presented by T2-SWG3 Chairman. Rami reminded that this was discussed in the plenary. Barry was volunteered to read the specification and report back to SWG3

Barry (EMC2) did some checking on the Stage 1 specification and suggested to note the LS as there was nothing to comment in the specification. Suggestion was to add sentence to address billing issues as well to a response LS created by Ericsson, to be handled in the closing plenary.

Conclusion:

Noted

TDoc	Title	Source	Comment
T2-020610	Liaison Statement on data inconsistency related to MMS support on the USIM	TSG-T3	

Discussion:

Reviewed by Miraj from Nokia. Rami wonders if it possible to change Rel 4 specs

Conclusion:

Noted

Tdoc	Title	Source	Comment
T2-020611	MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	TSG-T3	

Discussion:

Presented by T2-SWG3 Chair. Rami :these are 3 separate CRs. 1st part : T3 wants the provisioning parameters. To be mandatory. This matter was not deeply understood and is going to be taken off-line by Ileana and Josef. Second part of the LS: Ileana to discuss this off-line with her colleague.

Offline group did investigation and concluded that the number 3 on bearer selection is OK as it has been already defined in TS23.140. Number 2 is solved by CR T2-020735.

Number 1 needs a correction on the status byte to TS23.140 (will be in T2-020773 by Ileana). The offline group agreed that the use of parameters shall still be kept optional.

An LS will be sent back (T2-020772 by Miraj).

A new version of T2-020765 is needed (as T2-020774) combining the modifications in T2-020773 and T2-020765 to only have one REL-4 CR.

Conclusion:

Noted

Tdoc	Title	Source	Comment
T2-020772	LS to T3 on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	Nokia	

Discussion:

Presented by Miraj.

A draft version of the LS was revised online. The three related CRs (T2-020735,T2-020773, T2-020774) are to be attached to the LS.

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T2-020773	CR 23.140 REL-5 UA behaviour with status of EF_MMSN	AT&T Wireless	

Discussion:

Presented by T2 SWG3 chairman.

Draft version was edited online.

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T2-020774	CR 23.140 REL-4 MMS parameters on the USIM including mandatory UA behaviour with status of EF_MMSN	AT&T Wireless	Includes the content of T2-020773 and T2-020765 but for REL-4

Discussion:

Presented by T2 SWG3 Chairman.

Conclusion:

Approved

Tdoc	Title	Source	Comment
T2-020749	CR 23.140 REL-5 Binary Encoding of MMS User Preferences for Storage on the USIM	Siemens	

Discussion:

Josef Laumen presented the document.

NTT DoCoMo expressed some doubts on having normative references to the OMA (WAP) MMS specifications. ATTWS questioned whether this ties all MMS phones to WAP MMS MM1 implementation. A lengthy explanation followed.

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T2-020612	LS on DCS values for SIM data download	T3	Reply LS 729

Discussion: Presented by Peter Freitag. A concern was raised that we are not sure that Rel 4 compatible UEs are not already in the market somewhere.

Conclusion:

Noted. T2 will not comply with T3 request. Peter Freitag will write an LS to that effect

Tdoc	Title	Source	Comment
T2-020615	Service Operation Management	SA5	

Discussion: Presented by T2-SWG3 chair.

Conclusion: noted

TDoc	Title	Source	Comment
T2-020618	LS to 3GPP T2 and 3GPP SA5 on MMS Volume Definition	BARG	Reply LS – T2-020764

Discussion: Presented by Wouter. Rami and Ville disagree with BARG recommendations that T2 follows SA5 suggestion on message size. Paolo presented a use case where the T2 solution will lead to a problem where users will pay more if they send a single message to several recipients. Ville pointed out that the probability of this happening very small. Rami pointed out that Paolo's ideas may lead to misuse by customers. Philippe prefers to keep the T2 definition

Conclusion: Noted. T2 does not like the SA5 solution. A LS will be sent to SA5, explaining why the T2 solution should be adopted. Wouter volunteered to write the LS.

TDoc	Title	Source	Comment
T2-020622	LS on IMS Messaging proposed work item	SA2	

Discussion: Presented by Phillip Brown from H3G. Rami: T2 should be responsible for messaging work.

Conclusion: noted.

TDoc	Title	Source	Comment
T2-020624	LS reply on VASP MMS Charging	SA5	

Discussion: Presented by Mr. Bellordre of Orange. Rami agreed with SA5's observations. Ville did not.

Conclusion: noted. Ville will write an LS explaining the issue.

TDoc	Title	Source	Comment
T2-020625	LS reply on Packet Switched Streaming (PSS) in Rel-6 Work Programme	SA5	

Discussion: Presented by T2-SWG3 Chair

Conclusion: noted

TDoc	Title	Source	Comment
T2-020626	LS on MMS Charging work progress	SA5	

Discussion:

Presented by T2-SWG3 Chair. It was pointed out that T2-SWG3 does not yet have a roadmap to charging work on MMS Rel 6.

Conclusion: Ileana will check the 32.235 spec and comment if necessary.

Ileana: Time Stamps they are proposing need to be discussed whether they are appropriate. Other issue is roaming information in the CDRs (REL-6).

Conclusion:

Noted. In the joint SA5/T2 meeting there will be company contributions on these issues.

TDoc	Title	Source	Comment
T2-020629	LS on MMS Multimedia Transcoding Protocol Interface Specifications	GSM SERG	

Discussion:

Presented by Micha Avni. It was mentioned that it is not within GSM association's responsibilities.

Conclusion:

Noted. Related LS to SA1 in T2-020760.

TDoc	Title	Source	Comment
T2-020631	LS- on Joint Meeting SA5/CN5/T2 on MMS charging	CN5	

Discussion:

Presented by Fredrik Wendel of Ericsson. Josef gave further clarifications.

Conclusion:

An LS to CN5 suggesting that September is too early time frame for a joint meeting with CN5. Fredrik and Rami will compose it.

TDoc	Title	Source	Comment
T2-020633	LS on architecture and requirements for subscriber certificates	SA3	

Discussion:

Presented by Ville.

Conclusion:

Noted.

TDoc	Title	Source	Comment
T2-020635	Draft Working Item Description PSS Rel-6 and LS response	SA4	Response LS in T2-020648

Discussion:

noted

Conclusion:

Noted. Rami to write a LS response (T2-020648).

TDoc	Title	Source	Comment

T2-020641	LS on Handling of SMS Type 0 test case for R'99 and REL-4 UEs	T1	
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Discussion:

Presented by Phillip Brown from H3G.

Conclusion:

Noted. Ian to write a response LS (756)

TDoc	Title	Source	Comment
T2-020643	LS on MMS Charging work progress	CPWP	

Discussion:

Presented by Josef. It was pointed out that the sending or receiving MMS Relay/Servers do not have the information about the serving network. It is a complicated issue. Rami indicated the CPWP model calls for split charging in the case of roaming. Ileana wants this to be included in the Release 6 work. Wouter volunteered to investigate how this requested roaming information can be collected.

Conclusion:

Noted. Wouter and Rami to investigate the use cases. Wouter to research the solution and to provide a discussion document for the next meeting. Ville will write a LS to SA1, SA5 and CPWP.

Tdoc	Title	Source	Comment
T2-020645	LS on Questions regarding detailed notification	OMA WAG MMDC	Response LS in T2-020758

Discussion:

Presented by Fredrik Wendel from SonyEricsson. Comverse and Nokia suggested to remove the requirement for detailed notification from Rel. 6, since there is no known use for it. AWS objected.

After offline discussions it was concluded not to do changes to 23.140 REL-5 and inform OMA (WAP Forum) about the decision.

Conclusion:

Noted. Reply-LS in T2-020758 to OMA

TDoc	Title	Source	Comment
T2-020758	LS to WAP MMDC	Nokia	

Discussion:

Presented by Ville.

Conclusion:

Approved.

TDoc	Title	Source	Comment

T2-020769	LS to GSMA IREG cc GSMA SERG, CN4	Comverse	Revised in T2-020798
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Discussion:

Presented by Rami.

Conclusion:

Noted. Revised in T2-020798

TDoc	Title	Source	Comment
T2-020798	LS to GSMA IREG cc GSMA SERG, CN4	Comverse	Revision of T2-020769

Discussion:**Conclusion:**

Approved

TDoc	Title	Source	Comment
T2-020775	LS on draft MMS REL-6 WID	SA1	

Discussion:

Presented by Andrew Allan. Several opinions were voiced regarding the MMS WID. The main question was should the WID indicate whether some requirements are new or not.

Conclusion:

Noted.

TDoc	Title	Source	Comment
T2-020776	Reply on questions concerning Automatic bearer selection for MMS	SA1	

Discussion:

Presented by Josef.

Conclusion:

Noted.

Subject Category 2: Organizational Matters

General Discussion on joint SA5/T2 meeting	Title	Source	Comment

Discussion:

Petri will be asked to be the “convener” for the joint meeting and present the Rel 5 specs, and MMS WID. During the week, it came up that Henrik Thuvesson from Telia is also going to the joint meeting, and agreed to be the convener. He will present 23.140 and collects possible action items for T2. Henrik, Ileana and Wouter will prepare a presentation.

Conclusion:

Tdoc	Title	Source	Comment
T2-020744	Proposed MMS WID	Comverse	Revised in T2-020763.

Discussion:

Long discussion on the proposed WID in order to reach consensus . Specific examples were removed to reduce controversy. Ian suggested a separate wish list of items we want to actually achieve in release 6 time frame. There was on-line editing resulting in an agreed WID draft called “updated T-020744”. It was agreed that any new requirements will have to be dealt with first in SA1 before stage 2 and 3 are done by T2. This was reflected by specific text in the draft WID.

Conclusion:

Noted, resulting in an consensus draft WID. Approved version in T2-020794.

Tdoc	Title	Source	Comment
T2-020745	MMS WID Discussion	Comverse	

Discussion:

Presented by Rami Neudorfer (Comverse)

Conclusion:

Noted

Tdoc	Title	Source	Comment
T2-020763	MMS WID	Several companies	Revised in T2-020794

Agreed by several companies but revised in T2-020794 after comments received from SA1.

Conclusion:

Noted

Tdoc	Title	Source	Comment
T2-020793	Comparison of T2 WID to SA1 list	SWG3	

Discussion:

On Thursday, T2 got a draft copy of an LS from SA1 where they suggested additional items to the WID done by T2. A comparison table was done by Rami and the conclusion was that most of the SA1 bullet points were already contained under the topics in the WID and were too specific to be added to the WID. T

Conclusion:

The table was endorsed by SWG3 and will be sent to SA1 for information.

Tdoc	Title	Source	Comment
T2-020794	MMS WID	Several companies	Revised version of T2-020763

Conclusion:

Approved. Will be sent to SA1 for information.

Tdoc	Title	Source	Comment
T2-020750	MMs Harmonization with 3GPP2	Comverse	

Discussion:

Rami presented the document. Andrew says there are similarities between MMS Harmonization . Andrew suggested to follow the harmonization procedure done in IMS. Ian suggested to raise this issue to TSG-T. Nokia suggested to raise this to SA as well.

Conclusion:

T2 sees the issue of MMS harmonization as an important issue which needs to be solved in a timely fashion. T2 asks T to take care of MMS Harmonization between 3GPP and 3GPP2. T2 believes that the same mechanisms constructed by SA regarding 3GPP-3GPP2 harmonization in other areas should also be used to harmonize MMS, interoperability.

Subject Category 3 : MMS Release 6

Tdoc	Title	Source	Comment
T2-020753	Transcoding Interface Presentation	CMG, MobiXell, Philips	LS T2-020760

Discussion:

Edwin presented the joint proposal to standardize a transcoding interface – MM9. The proposal to the standard were withdrawn. Nokia pointed out that SA1 should be involved since the current stage 1 state that the suggested to examine whether the transcoding should be a generic solution. Comverse suggested that the MM9 should be limited to MMS only. DynamicSoft proposed that the MM9 will be a generic one. NTT DoCoMo is worried by the scalability of the proposed ideas . They also wonder if there is really a need to standardize the interface. CMG does not want MMS development to be slowed by IMS. AWS (Ileana) claimed that generic solutions are slowing down the process (DRM and GUP). Ian suggested to start in SA1 as it needs requirements. Chris Book from Orange wondered whether this requirement is endorsed by members of T2. Josef proposed to send a LS to SA1 and copy to SERG asking SA1 to consider the need to standardize a transcoding interface.

Conclusion:

Noted. T2 will send a LS to SA1 and copy to SERG and SA2 asking SA1 to consider the need to standardize a transcoding interface. Wouter will write the LS

TDoc	Title	Source	Comment
T20-020639	Synthetic Video and Photo-Realistic 2D Animation	Vimatix	LS to SA4 in T2-020767

Discussion:

Presented by Ehud Spiegel of Vimatix. Comverse , Telia, Sema support wants a LS to SA4. Nokia wants only to note it. Ian wants to ask SA4 if there is a need for a new media type “synthetic graphics”

Conclusion:

Noted Send an LS to SA4 posing two questions: Is synthetic Video needed to MMS? Is it a new media types. Ian will draft a LS.

TDoc	Title	Source	Comment
T2-020726	Discussion Paper on MMS Notifications	Telefonica, Orange, T-Mobile	

Discussion:

Philippe Bellorde from Orange presented the document. CMG expressed concerns on billing issues. Converse was concerned on confusing the user by adding too much in the Notification. Philippe explained that one use case is as well to enable for example MT e-mail, so that a user gets notified that fetching a message will have a charge for the user. NTT DoCoMo was concerned on the possible effects on security (e.g. spamming with Notifications over SMS from illegal sources). Dynamicsoft thought this is a good way to enable receiving MT e-mail. CMG commented that Advice of Charge has some relevance to this work and is more urgent than this proposal. Nokia commented that issues like user preferences should be considered, i.e. if a user is roaming and wants to disable automatic fetching of messages. Converse commented that allowing MT e-mail can be done with other means as well, i.e. having filtering capabilities in the MMS Relay/Server to prevent spam. Taral Networks commented that all of the indicated problems might be possible to solve. Josef commented that this seems to be a new requirement which needs to also be addressed in Stage 1.

Conclusion:

Noted.

Tdoc	Title	Source	Comment
T2-020646	LS to SA5 cc SA2 on MMS and MexE architecture elements	Vodafone	

Discussion:

Presented by Paolo.

Some online editing was done to the LS.

Conclusion:

Approved.

Tdoc	Title	Source	Comment

T2-020648	LS to SA4 cc SA1,SA2 on on PSS Release 6	Comverse	
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Discussion:

Rami presented the document.

Conclusion:

Approved

Subject Category 4 : CBS

TDoc	Title	Source	Comment
T2-020742	Identification of the directory number	Teleca	Revised in T2-020761

Discussion:

Ian Harris presented the document. He proposes to Add a new section concerning the identification of directory numbers in the User Data Field with the detail extracted from 22.101. It was agreed to strike out the cross-reference between the different specificatons, and make some other minor changes.

Conclusion:

Noted. Replaced by T2-020761

Tdoc	Title	Source	Comment
T2-020746	Identification of the directory number	Teleca	Revised in T2-020762

Discussion:

Ian Harris presented the document. He proposes to Add a new section concerning the identification of directory numbers in the User Data Field with the detail extracted from 22.101.

Conclusion:

Noted. Replaced by T2-020762

Tdoc	Title	Source	Comment
T2-020747	Identification of the directory number	Teleca	

Discussion:

Ian Harris presented the document. He proposes to Add a new section concerning the identification of directory numbers in the User Data Field with the detail extracted from 22.101. T2 finds the feature to be useful, but needs more times to studt the prposed specification. T2 finds that the current phrasing in 22.101 is inappropriate and asks SA1 to change it

Conclusion:

Rejected. Friedhelm will contact SA1 chair to revise 22.101 and the MMS stage 1 accordingly.

Tdoc	Title	Source	Comment
T2-020754	LS reply to SA5 on VASP MMS Charging	Nokia	

Discussion:

The document was presented by Ville.

Conclusion:

Approved

Tdoc	Title	Source	Comment
T2-020757	LS to SA1 cc SA5,GSMA CPWP on MMS Charging work process	Nokia	

Discussion:

The document was presented by Ville

Conclusion:

Approved

Tdoc	Title	Source	Comment
T2-020759	LS to WAP WPG on UDH over CBS	Teleca	

Discussion: Ian presented the document. The interpretation of the WAPF original LS was reversed

Conclusion:

Approved

Tdoc	Title	Source	Comment
T2-020760	LS to SA1,GSMA SerG cc SA2 on Requirement for standardizing a Transcoding interface	CMG	

Discussion:

The document was presented by Wouter.
The draft version was slightly revised and then approved.

Conclusion:

Approved

Subject Category 5 : SMS Release 4

Tdoc	Title	Source	Comment
T2-020729	LS on DCS values for SIM data download	T2	

Discussion: Presented by Peter Freitag

Conclusion: **Approved.**

Tdoc	Title	Source	Comment
T2-020768	CR 23.140 REL-5 Changes to the support of MAP operations for recipient MSISDN address resolution based on IMSI.	Vodafone	Revised version of T2-020723

Discussion:

Document was presented by Paolo.

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T2-020764	LS to SA5 and GSMA BARG, CPWP on Alignment of Message Size Definition	CMG	

Discussion:

Document was presented by Wouter.

Slight revisions were done to the draft version.

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T2-020767	LS to SA4 on Synthetic video media type	Teleca	

Discussion:

Ian Harris presented the document.

Conclusion:

Approved

TDoc	Title	Source	Comment
T2-020756	LS to T1 cc T on test cases for short messages type 0	Alcatel	

Discussion:

Presented by Gwenael

Draft version was slightly edited online.

Conclusion:

Approved.

Subject Category 6 : SMS Release 5

TDoc	Title	Source	Comment
T2-020719	CR 23.140 REL-5 Destination mailbox full TP-Failure-Cause	CMG	

Discussion: Presented by Wouter who says that the CR is a bug fix. Pdraig says that the CR is an implementation issue and reason of change is not true. According to Nokia, the CR is a Rel-6 issue.

Conclusion: The CR is a Rel-6 issue and had to be re-worked. The CR is noted.

Tdoc	Title	Source	Comment
T2-020721	Error in MS	T2	

Discussion: Presented by Ian. No discussions.

Conclusion: Approved.

Tdoc	Title	Source	Comment

T2-020717	Definition of the term 'optional' in 23.040	Teleca / Ian Harris	R a p p o r t e u r 2 3 .0 40
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Discussion: Presented by Ian Harris. Ian will try to do a CR for the next T2 meeting.

Conclusion: Noted.

Tdoc	Title	Source	Comment
T2-020730	Thoughts about TP-PID vs. TP-DCS priority	Siemens	LS 770

Discussion: Presented by P. Freitag aus Siemens. This was requested by T plenary.

Conclusion: Endorsed. Peter F will write a LS to T plenary explaining the issue.

Tdoc	Title	Source	Comment
T2-020770	LS to T on PID Vs. DCS Values	Siemens	

Discussion: Not presented.

Conclusion: Approved.

Subject Category 7 : MMS Release 4

NotedTdoc	Title	Source	Comment
T2-020603	LS to SA5, WAP MMDC on REL-4 mandatory MM1_retrieve.RES (T2-020523)	Siemens	

Discussion:

Postponed since the corresponding CR (T2-020602 could not be agreed on)

Conclusion:

Noted

Tdoc	Title	Source	Comment
T2-020602	CR 23.140 REL-4 Mandatory MM1_retrieve.RES	Siemens	

Discussion:

Presented by Josef. SA5 sees a need to make the MM1 retrieve response mandatory. CMG , Comverse and Sema requested to hold the document because it's a release 4 issue. Marina pointed out that this CR changes the functionality of the MMS.

When the document was revisited there were questions whether this change is really crucial to REL-4, as it does not fix a real bug causing problems with the service. After discussions it was decided to postpone the document.

Might be discussed in the joint T2/SA5 meeting.

Conclusion:

Noted

Tdoc	Title	Source	Comment
T20-020738	CR 23.140 REL-4 Handling of MMS-related information on the USIM	Gemplus	Revised T2-020765

Discussion:

Presented by J. Laumen. Mirror CR of release 5 CR.

Conclusion:

Noted, revised in T2-020765

Tdoc	Title	Source	Comment
T20-020765	CR 23.140 REL-4 Handling of MMS-related information on the USIM	Siemens	Revised in T2-020774

Discussion:

Presented by Josef. Replaces 738

Conclusion:

Noted. The revised version T2-020774 also contains the changes done in T2-020773 to have all the REL-4 USIM changes in the same CR.

Tdoc	Title	Source	Comment
T20-020755	LS to CN5 cc SA1,SA2,SA5 on MMS Charging	Ericsson	

Discussion:

Presented by Fredrik

Draft version was revised online.

Conclusion:

Approved

Subject Category 7 : MMS Release 5

Tdoc	Title	Source	Comment
T20-020724	Correction of MM7 Schema	Comverse	

Discussion:

Presented by Rami.

Conclusion:

Approved

TDoc	Title	Source	Comment
T20-020727	Corrections towards MM7 Stage 3 examples	NOKIA, Logica, Ericsson, Comverse	Revised in T2-020766

Discussion:

Presented by Ville.

Conclusion:

Noted. Revised version in T2-020766.

TDoc	Title	Source	Comment
T20-020766	Corrections towards MM7 Stage 3 examples	NOKIA, Logica, Ericsson, Comverse	Revision of T2-020727

Discussion:

Revised by Ville

Conclusion:

Approved

TDoc	Title	Source	Comment
T20-020737	Corrections for MM7 submit request/response examples	Alcatel	

Discussion:

Presented by Gwenael of Alcatel

Conclusion:

Approved

TDoc	Title	Source	Comment
T20-020751	Session Management in MM7	Taral networks	

Discussion:

Presented by Jiwei Wang. Nokia , Logica and CMG want this only in release 6.

Conclusion:

Noted Will be presented as a release 6 issue

TDoc	Title	Source	Comment
T20-020743	Enhance MM7 for VASP originated session tracking	Taral networks	

Discussion:

Presented by Jiwei Wang.

Conclusion:

Noted. Will be presented as a release 6 issue

TDoc	Title	Source	Comment
T20-020723	Removal of the MAP_Send_IMSI option for MMS recipient address resolution	T-Mobile, Vodafone, Telefonica Moviles,	768 – revised CR 769 revised LS

Discussion:

Presented by Paolo Franzoi. Send IMSI is usually used only for maintenance purposes.

Conclusion:

Noted. Revised CR will make SRI-for_SM mandatory and Send_IMSI optional. A LS to that effect will be sent to GSM IREG cci: ng SERG and CN4

TDoc	Title	Source	Comment
T20-020718	Problems identified in 23.140 REL-5	Teleca, SchlumbergerSema, ATTWS, T-Mobile, MMo2, Telia, Alcatel, Orange EMC2	

Discussion:

Presented by Ian Harris. Rami pointed out some problems in the Time stamp proposals

Conclusion:

Noted

TDoc	Title	Source	Comment
T20-020713	CR 23.140 REL-5 on Timestamps definition	Teleca, Schlumberger Sema	Revised in T2-020771

Discussion:

Presented by Marina. Rami claimed the definitions are contradicting themselves. Mr. Tsukada recommends the system will be based on the assumption that the time-stamp is not reliable. Ileana that there should be a reliable source for a time stamp. Padraig suggested to define only the "Time-Stamp" be defined.

Conclusion:

Noted. To be revised in T2-020771.

TDoc	Title	Source	Comment
T20-020771	CR 23.140 REL-5 on Timestamps definition	Teleca, Schlumberger Sema	Revised version of T2-020713

Discussion:

Presented by Marina.

Long discussion. Padraig to provide an alternative version (T2-020797) to achieve the changes with a different way.

Conclusion:

Noted

T20-020797	CR 23.140 REL-5 on Timestamps definition	Logica	Alternative version of T2-020771
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Discussion:

Presented by Padraig.

Conclusion:

Approved.

TDoc	Title	Source	Comment
T20-020714	CR 23.140 REL-5 Acknowledgements for unconfirmed transactions	Teleca, Schlumberger Sema	Revised in T2-020790

Discussion: Presented by Marina . Nokia claims that the requirements are met by the delivery mechanisms in the stage 3. Ian responded replies that the proper way is still to request these behaviors in the stage 2.

Nokia said that mandating feature to get acknowledgement back for reports would create problems for subscribers and handset vendors, e.g. does the phone have to confirm a subscriber if an acknowledgment is sent back to the network in case the subscriber is roaming.

It was suggested to have an optional information element in the reports to ask for an acknowledgement.
 Josef: To REL-5 what is already available in Stage 3, i.e. that it is possible to have a confirmation to a delivery report delivery.

Ian, Marina, Ville and Miraj, to discuss this offline and come up with a revised version.

Conclusion:

Noted

Tdoc	Title	Source	Comment
T20-020790	CR 23.140 REL-5 Acknowledgements for unconfirmed transactions	Teleca, Schlumberger Sema	Revised version of T2-020714 Revised in T2-020795

Discussion:

Presented by Marina.

Conclusion:

Noted. Revised version in T2-020795

Tdoc	Title	Source	Comment
T20-020795	CR 23.140 REL-5 Acknowledgements for unconfirmed transactions	Teleca, Schlumberger Sema	Revised version of T2-020790

Discussion:

Presented by Marina.

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T20-020715	CR 23.140 REL-5 Missing Information Elements	Teleca, Schlumberger Sema	Revised version in T2-020791

Discussion:

Presented by Marina. Nokia worried about implications on stage 3.

Conclusion:

Noted. Ian, Marina, Ville and Miraj, to discuss this offline and come up with a revised version (T2-020791).

Tdoc	Title	Source	Comment
T20-020791	CR 23.140 REL-5 Missing Information Elements	Teleca, Schlumberger Sema	Revised version of T2-020715

Discussion:

Presented by Marina.

Needs to be clarified

Conclusion:

Noted. The issue will be revisited in the next T2 meeting.

Tdoc	Title	Source	Comment
T20-020722	CR 23.140 REL-5 Time Related Parameters	Teleca, Schlumberger Sema	

Discussion:

Presented by Ian. Ian asked to first approve the principles of the MMs R/S corrects the time sent by the UA

Conclusion:

Noted. The issue will be revisited in the next T2 meeting with a new revision of the contribution.

Tdoc	Title	Source	Comment
T20-020715	Missing Information Elements	Teleca, Schlumberger Sema	

Discussion:

Presented by Marina. Nokia worried about implications on stage 3.

Conclusion:

Noted. Ian, Marina, Ville and Miraj, to discuss this offline and come up with a revised version

Tdoc	Title	Source	Comment
T20-020733	Binary Encoding of MMS User Preferences for Storage on the USIM	Siemens	Replaced by 749

Discussion:

none

Conclusion:**Noted replaced by 749**

Tdoc	Title	Source	Comment
T20-020734	Reference Update	Siemens	

Discussion:

Presented by Josef

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T20-020735	MMS UA behaviour for handling number of MMS connectivity parameters sets on the USIM	Siemens	

Discussion:

Presented by Josef

Conclusion:

Approved.

Tdoc	Title	Source	Comment
T20-020732	CR 23.140 REL-5 Routing via Internet MTA's requires FQDN in RFC822 fields	CMG	

Discussion:

Presented by Wouter. The desired behavior is for the From: field to show what the sender wanted (e.g: MSISDN number)

Conclusion:

Noted. Will be discussed further in following meeting.

Tdoc	Title	Source	Comment
T20-020732	Routing via Internet MTA's requires FQDN in RFC822 fields	CMG	

Discussion:

Presented by Wouter

Conclusion:

Noted To be taken offline with interested parties.

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

Document #	Subject	Source	Status within SWG3	Comments
T2-020599	CR 23.140 REL-6 Compliance matrix in specification	CMG	postponed	
T2-020600	Proposed MMS ad hoc dates	SWG3 chairman	noted	
T2-020601	Discussion on restructuring 23.140	Siemens	postponed	
T2-020602	CR 23.140 REL-4 Mandatory MM1_retrieve.RES (aka T2-020522)	Siemens	noted	
T2-020603	LS to SA5, WAP MMDC on REL-4 mandatory MM1_retrieve.RES (aka T2-020523)	Siemens	noted	
T2-020604	Generic Approach for UPI in MMS (aka T2-020526)	Siemens	noted	
T2-020605	LS from WAP WPG on UDH over CBS	WAP WPG	noted	reply-LS T2-020759
T2-020607	LS from SA1 to SA5 cc T2 on 3GPP SA1 MMS SWG	S1-021100	noted	
T2-020608	LS from SA1 to SA cc T2 on draft Push stage 1 for information	S1-021195	noted	
T2-020610	LS from T3 on data inconsistency related to MMS support on the USIM	T3-020352	noted	
T2-020611	LS from T3 on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	T3-020411	noted	* reply-LS in T2-020772 * CR to mandate status "free"/"used" in T2-020773 and T2-020774
T2-020612	LS from T3 on DCS values for SIM data download	T3-020417	noted	LS (T2-020729) back: no REL-4
T2-020615	LS from SA5 on MMS Connectivity	S5-022047	noted	

T2-020618	LS from BARG – CPWP on MMS Volume Definition	BARG 151/02	noted	
T2-020622	LS from SA2 on IMS Messaging proposed work item	S2-022051	noted	
T2-020624	LS from SA5 on Charging Support for VASP MMS Connectivity from T2	S5-024234	noted	
T2-020625	LS from SA5 on Packet Switched Streaming (PSS) in Rel-6 Work Programme	S5-024235	noted	
T2-020626	LS from SA5 on MMS Charging work progress	S5-024241	noted	
T2-020627	withdrawn	withdrawn	withdrawn	withdrawn
T2-020628	withdrawn	withdrawn	withdrawn	withdrawn
T2-020629	LS from SerG on MMSC Multimedia Transcoding Interface	GSM Association, SerG	noted	reply in T2-020760 - to SA1, SERG, cc: SA2
T2-020630	Digital Rights Management	T2 Chairman	postponed	
T2-020631	LS from CN5 on Joint Meeting SA5/CN5/T2 on MMS charging	N5-020565	noted	reply-LS in T2-020755
T2-020633	LS from SA3 on architecture and requirements for subscriber certificates	S3-020447	noted	No need for reply
T2-020635	LS from SA4 on Draft Working Item Description PSS Rel-6	S4 (02)0484	noted	T2-OP: reply-LS in T2-020648
T2-020636	DRM - further considerations	T2 Chairman	postponed	
T2-020639	Synthetic Video and Photo-Realistic 2D Animation	Vimatix	noted	
T2-020641	LS from T1 on Handling of SMS Type 0 test case for R'99 and REL-4 UEs	T1-020609	noted	reply-LS in T2-020756
T2-020643	LS from GSMA on MMS Charging work progress	GSMA CPWP Doc 097/02	noted	* reply-LS on Roaming awareness (S1, S5, CPWP) in T2-020757
T2-020645	LS from OMA on questions regarding detailed notification	OMA-MMDC	noted	reply in T2-020758
T2-020646	LS reply to SA5 cc SA2 on Entities of the mobile system	T2 (Paolo)	approved	
T2-020648	Reply-Ls to SA4, cc SA1, SA2 on LS on PSS Release 6	Comverse	approved	Reply-Ls to T2-020635 on PSS pre-transport adaptation
T2-020698	MMS-DataCom parameters List	Ericsson	postponed	T2-OP: Josef and Prem to liaise on potential output
T2-020710	Draft Agenda SWG3#18	SWG3 chairman	noted	revised in T2-020752
T2-020711	Meeting Report SWG3#18	SWG3 chairman	minutes	
T2-020712	withdrawn	withdrawn	withdrawn	withdrawn
T2-020713	CR 23.140 REL-5 MMS Timestamps and time related parameters	Teleca, SchlumbergerSema	noted	revised in T2-020771

T2-020714	CR 23.140 REL-5 MMS Acknowledgements for unconfirmed transactions	Teleca, SchlumbergerSema	noted	revised in T2-020790
T2-020715	CR 23.140 REL-5 MMS Missing Information Elements	Teleca, SchlumbergerSema	noted	revised in T2-020791
T2-020716	CR 23.040 REL-6 SMS Identification of telephone Numbers in SM User Data	Teleca	noted	revised in T2-020742
T2-020717	Discussion Paper 23.040 Definition of 'optional'	T2 Chairman	noted	
T2-020718	Discussion paper. Problems Identified in 23.140 REL-5	Teleca, SchlumbergerSema, ATTWS, Telia, T-Mobile, Orange, EMC2	noted	
T2-020719	CR 23.040 REL-5 Destination mailbox full TP-Failure-Cause	CMG	noted	
T2-020720	withdrawn	withdrawn	withdrawn	withdrawn
T2-020721	CR 23.040 REL-5 Error in MS example correction	Teleca	approved	
T2-020722	CR 23.140 REL-5 MMS Time related parameters	Teleca, SchlumbergerSema	noted	
T2-020723	CR 23.140 Rel-5: Removal of the MAP_Send_IMSI option for MMS recipient address resolution	T-Mobile, Vodafone, Telefonica Moviles	noted	revised in T2-020768
T2-020724	CR 23.140 Rel-5: Correction of MM7 Schema	Comverse	approved	
T2-020725	Discussion paper: Support of multiple MMS Relay/Servers by MMS Client	Comverse	postponed	
T2-020726	MMS Notifications	Orange, T-Mobile, Telefonica Moviles	noted	
T2-020727	CR 23.140 REL-5: Corrections towards MM7 Stage 3 examples	Nokia, Logica, Ericsson, Comverse	noted	revised in T2-020766
T2-020728	withdrawn	withdrawn	withdrawn	withdrawn
T2-020729	LS reply to T3 on TP-DCS values for SIM data download in REL4	Siemens	approved	
T2-020730	Thoughts about PID vs DCS priority	Siemens	noted	
T2-020731	withdrawn	withdrawn	withdrawn	withdrawn
T2-020732	CR 23.140 Rel-5 FQDN in RFC822 fields on MM4	CMG	noted	
T2-020733	CR to 23.140 Rel-5 Binary Encoding of MMS User Preferences for Storage on the USIM	Siemens	noted	revised in T2-020749
T2-020734	CR 23.140 Rel-5 Reference Update	Siemens	approved	
T2-020735	CR 23.140 Rel-5 MMS UA behaviour for handling number of MMS connectivity parameters sets on the USIM	Siemens	approved	
T2-020736	MMS end-to-end security services : use cases	France Telecom	postponed	
T2-020737	CR 23.140 REL-5: Editorial corrections for MM7 submit request/response examples	Alcatel	approved	
T2-020738	CR 23.140 REL-4 MMS parameters on the USIM	Gemplus	noted	revised in T2-020765

T2-020739	withdrawn	withdrawn	withdrawn	withdrawn
T2-020740	MMS Security Services	Gemplus, Openwave	postponed	
T2-020741	CR 23.140 REL-6 Security Services	Gemplus, Openwave	postponed	
T2-020742	CR 23.040 REL-6 Identification of a directory number in the User Data Field	Teleca	noted	revised in T2-020761
T2-020743	CR 23.140 REL-6 session tracking in MM7	Taral Networks	noted	
T2-020744	MMS Draft WID	Comverse	noted	
T2-020745	Discussion on MMS WID	Comverse	noted	
T2-020746	CR 23.041 REL-6 Identification of a directory number	Teleca	noted	revised in T2-020762
T2-020747	CR 23.140 REL-6 Identification of a directory number	Teleca	rejected	
T2-020748	MMSC - Transcoding Platform Interface	CMG, Philips, Mobixell Networks	noted	noted without discussion
T2-020749	CR to 23.140 Rel-5 Binary Encoding of MMS User Preferences for Storage on the USIM	Siemens	approved	
T2-020750	Discussion on MMS 3GPP Harmonization	Comverse	noted	
T2-020751	Session management in MM7	Taral Networks	noted	
T2-020752	Approved Agenda SWG3#18	SWG3 chairman	approved	revision of T2-020710
T2-020753	MMSC - Transcoding Platform Interface (slides)	Mobixell Networks	noted	revision of T2-020627
T2-020754	reply-LS to SA5 on Charging Support for VASP MMS Connectivity	Nokia	approved	reply-LS to T2-020624
T2-020755	reply-LS to CN5 cc SA1, SA2, SA5 on Joint Meeting SA5/CN5/T2 on MMS charging	Ericsson	approved	reply to T2-020631
T2-020756	reply-LS to T1 cc T on Handling of SMS Type 0 test case for R'99 and REL-4 UEs	Alcatel	approved	reply-LS to T2-020641
T2-020757	LS to SA1, cc GSMA CPWP, SA5 on MMS R/E Roaming Awareness	Nokia	approved	reply to T2-020643
T2-020758	reply-LS to OMA MMDC on questions regarding detailed notification	Nokia	approved	reply to T2-020645
T2-020759	reply-LS to WAP WPG on UDH over CBS	Teleca	approved	reply-LS to T2-020605
T2-020760	reply-LS to SerG, SA1, cc SA2 on MMSC Multimedia Transcoding Interface	CMG	approved	reply to T2-020629
T2-020761	CR 23.040 REL-6 Identification of a directory number in the User Data Field	Teleca	approved	revised T2-020742
T2-020762	CR 23.041 REL-6 Identification of a directory number	Teleca	approved	revised T2-020746
T2-020763	MMS REL-6 WID	Comverse et al	noted	revised in T2-020794
T2-020764	reply-LS to BARG-CPWP, SA5, cc SA on MMS Volume Definition	CMG	approved	reply to T2-020618

T2-020765	CR 23.140 REL-4 MMS parameters on the USIM	Gemplus	noted	* revised T2-020738 * combined with T2-020735, T2-020749, T2-020773 in T2-020774 for REL-4 !!!
T2-020766	CR 23.140 REL-5: Corrections towards MM7 Stage 3 examples	Nokia, Logica, Ericsson, Comverse	approved	revised T2-020727
T2-020767	LS to SA4 on synthetic video	Teleca	approved	
T2-020768	CR 23.140 Rel-5: Mandatory SRI_for_SM option for MMS recipient address resolution	Vodafone	approved	revised T2-020723
T2-020769	LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option for MMS recipient address resolution	Comverse	noted	revised in T2-020798
T2-020770	LS to T on PID vs DCS priority	Siemens	approved	
T2-020771	CR 23.140 REL-5 MMS Timestamps	Teleca, SchlumbergerSema	noted	revised T2-020713 revised in T2-020797
T2-020772	reply-LS to T3, cc T on MMS UA Behaviour with Respect to Handling MMS Parameters on the USIM	Nokia	approved	* reply-LS to T2-020611
T2-020773	CR 23.140 REL-5 on mandatory UA behaviour wrt status of EF_MMSN	ATTWS	approved	
T2-020774	CR 23.140 REL-4 MMS parameters on the USIM including mandatory UA behaviour wrt status of EF_MMSN	ATTWS	approved	combines T2-020765 with T2-020773, T2-020735 and T2-020749 for REL-4
T2-020775	LS from SA1 on MMS WID	SA1	noted	
T2-020776	LS from SA1 on bearer selection	SA1	noted	
T2-020790	CR 23.140 REL-5 MMS Acknowledgements for unconfirmed transactions	Teleca, SchlumbergerSema	noted	revised T2-020714; revised in T2-020795
T2-020791	CR 23.140 REL-5 MMS Missing Information Elements	Teleca, SchlumbergerSema	noted	revised T2-020715
T2-020792	Withdrawn	withdrawn	withdrawn	revised T2-020722
T2-020793	Comparison of T2 WID to SA1 List	SWG3	endorsed	
T2-020794	MMS REL-6 WID	Comverse et al	approved	revised T2-020763
T2-020795	CR 23.140 REL-5 MMS Acknowledgements for unconfirmed transactions	Teleca, SchlumbergerSema	approved	revised T2-020790
T2-020796	Withdrawn	withdrawn	withdrawn	revised T2-020791
T2-020797	CR 23.140 REL-5 time stamp definition and time clarifications	Logica	approved	

T2-020798	LS to GSMA-IREG cc SERG, CN4 on mandatory SRI_for_SM option for MMS recipient address resolution	Comverse	approved	revised T2-020769
T2-020799	Unused	unused	unused	unused

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