

**Minutes of the SA2 #36 meeting  
Draft 04**

**24<sup>th</sup> to 28<sup>th</sup> of November 2003  
New York, U.S.A.**



## Table of Content

<b>1. OPENING OF THE MEETING .....</b>	<b>5</b>
<b>2. APPROVAL OF THE AGENDA .....</b>	<b>5</b>
2.1 IPR CALL REMINDER .....	5
<b>3. ALLOCATION OF DOCUMENTS TO AGENDA ITEMS.....</b>	<b>5</b>
<b>4. MEETING REPORTS.....</b>	<b>5</b>
<b>5. INCOMING LIAISON STATEMENTS.....</b>	<b>5</b>
<b>6. RELEASE 99 AND EARLIER .....</b>	<b>10</b>
<b>7. RELEASE 4 .....</b>	<b>12</b>
<b>8. RELEASE 5 .....</b>	<b>12</b>
8.1 IMS .....	12
8.2 EARLY UE.....	12
8.3 LCS.....	13
<b>9. RELEASE 6 .....</b>	<b>13</b>
9.1 GUP .....	14
9.2 IMS PHASE 2.....	15
9.3 IMS COMMONALITY AND HARMONISATION .....	19
9.4 PRESENCE .....	19
9.5 PUSH SERVICES .....	19
9.6 POLICY-BASED CONTROL OF DIFFSERV.....	19
9.7 PS AND IMS IMPACTS OF IMS EMERGENCY CALLS .....	20
9.8 LCS.....	21
9.9 BARS.....	21
9.10 SES .....	22
9.11 3GPP ENABLERS TO SUPPORT PoC.....	23
9.12 INTERWORKING ASPECTS AND MIGRATION SCENARIOS FOR IPV4 BASED IMS IMPLEMENTATIONS .....	24
9.13 WLAN (SUPPORT OF SERVICES LIKE IMS, MMS ETC OVER WLAN).....	24
<b>10. DRAFTING GROUPS DURING THE WEEK.....</b>	<b>25</b>
10.1 MBMS .....	25
10.2 WLAN (IP CONNECTIVITY + CONTRIBUTIONS FROM 9.13 THAT ARE NOT HANDLED IN PLENARY) .....	28
10.3 LCS (CONTRIBUTIONS FROM 8.3 AND 9.8 THAT ARE NOT HANDLED IN PLENARY) .....	31
10.4 IP-FLOW-BASED BEARER CHARGING .....	34
10.5 GQ/POLICY CONTROL EVOLUTION.....	36
10.6 NETWORK SHARING.....	36
<b>11. PROJECT PLANNING &amp; MANAGEMENT .....</b>	<b>37</b>
11.1 NEW AND REVISED WORK ITEMS .....	37
11.2 REVIEW OF THE 3GPP WORK PLAN.....	37
<b>12. CLOSING OF THE MEETING .....</b>	<b>38</b>

<b>ANNEX A. FINAL TDOC LIST.....</b>	<b>39</b>
<b>ANNEX B. ATTENDEE LIST .....</b>	<b>65</b>
<b>ANNEX C. THE RESULT OF E-MAIL APPROVAL .....</b>	<b>71</b>

**Note:** for the hyperlinks to work, the tdocs have to be individually zipped and stored in the subfolder "\tdocs".

## 1. Opening of the meeting

Chairman thanked to North American Friends of 3GPP for the hosting of the S2 #36 meeting and gave some practical information such as restaurants, meeting rooms, etc.

## 2. Approval of the agenda

**S2-033900** from Chairman: *Draft Agenda*

**Conclusion:** Approved

### 2.1 IPR call reminder

Chairman reminded to Individuals Members and the persons making the technical proposals about their obligations under their respective Organizational Partners IPR Policy.

## 3. Allocation of documents to agenda items

Allocation of documents to agenda items is in tdoc list.

## 4. Meeting reports

**S2-033901** from Vice Chairman (Akishige Noda): *E-mail approval Results of S2 #35*

**Conclusion:** Approved

**S2-033902** from MCC: *Draft minutes of S2 #35*

**Conclusion:** Approved

## 5. Incoming Liaison Statements

**S2-033903** from Chairman: *Review of incoming LSs to SA2 #36*

**Conclusion:** Noted

**S2-033904** from N1-031606: *Handling of MBMS UEs in RRC-connected, PMM-IDLE state*

CN1 have briefly discussed the question raised by RAN2 and are currently thinking of using the Service Request procedure to handle this, but that some changes to this procedure maybe required. This is currently under investigation.

**Conclusion:** Forwarded to MBMS and noted

**S2-033905** from N1-031690: *LS on WLAN requirements*

CN1 kindly asks SA2 to consider the comments given above, and to address the questions asked by CN1 in the bullet items 1, 4 and 5 in order to check whether the working assumptions and discussions made by CN1 are capable of satisfying the existing stage 2 requirements.

**Conclusion:** Forwarded to WLAN session and reply in S2-034030

**S2-033906** from N1-031724: *The requirement and feasibility of IMS watcher authentication*

CN1 has investigated the need for any watchers to be authenticated at the presence server in the IMS, and came to the following conclusion.

**Conclusion:** Noted

**S2-033907** from N1-031725: *LS on "Questions on the possibility to not use Preconditions in Release 5"*

CN1 kindly asks SA2 to study the above cases and give further guidance and clarifications on the related requirement back to CN1.

**Conclusion:** This LS was handled in IMS agenda point 8.1. After discussion of S2-034146 & S2-034147, Reply LS in S2-034284 by Siemens (Alex)

**S2-034284** from SA2: ***DRAFT LS Response on “Questions on the possibility to not use Preconditions in Release 5”***

**Conclusion:** Revised to S2-034387 via e-mail approval

**S2-034387** from SA2: ***LS Response on “Questions on the possibility to not use Preconditions in Release 5”***

**Conclusion:** Approved via e-mail approval after the meeting

**S2-033908** from N1-031728: ***LS on Introducing the Privacy Mechanism in Stage 2***

WG CN1 would like to clarify the appropriate IETF references made in the proposed CR.

**Conclusion:** Noted

**S2-033909** from N3-030830: ***LS on security of the Diameter protocol for the Gq interface***

CN3 kindly asks SA2 to clarify if the support of third party AFs in an untrusted domain is required and if the support of untrusted proxies is required.

**Discussion:** Gq should support non-trusted domain. S2 should response to CN3 that we have no action to do in this issue.

**Conclusion:** Response LS in S2-034238

**S2-034238** from SA2: ***[DRAFT] Reply LS on security implications of Gq interface***

**Conclusion:** Revised to S2-034362

**S2-034362** from SA2: ***Reply LS on security implications of Gq interface***

**Conclusion:** Approved

**S2-033910** from N4-031351: ***LS on identifying MMS Enabled devices and MMS Capabilities of those devices***

CN4 would like to comment on the proposed CR attached to T2's LS (T2-030461) as follows.

**Conclusion:** Noted

**S2-033911** from N4-031352: ***LS on Change in MBMS Activation Procedure***

CN4 asks SA2 to consider the impact of the change, and guide CN4 if an adverse impact is seen from this change.

**Conclusion:** Forwarded to MBMS drafting session and Contents of LS agreed SA2 to raise a CR in S2-033976

**S2-033912** from N5-030665: ***Request for clarification on the scope of the Ut interface towards the OSA-SCS***

CN5 seek clarification of the requirements, if any, for OSA to support the Ut interface.

**Discussion:** S2 specification has the architecture but we don't need to CN5 to force the work.

**Conclusion:** Response LS in S2-034239

**S2-034239** from SA2: ***Draft Reply LS to CN5***

**Discussion:** Title and heading should be changed.

**Conclusion:** Revised to S2-034363

**S2-034363** from SA2: ***Reply LS to CN5 on Request for clarification on the scope of the Ut interface towards the OSA-SCS***

**Conclusion:** Approved

**S2-033913** from S1-031210: ***Reply on the requirement and feasibility of IMS watcher authentication***

SA1 concluded that there are no specific requirements for password based authentication for presence service.

**Conclusion:** Noted

**S2-033914** from S1-031260: ***LS on clarified requirements on synchronization for GUP***

Revised before the meeting to [S2-033923](#) as the attached CR is wrong

**Conclusion:** Revised to S2-033923 before the meeting

**S2-033923** from S1-031278: ***LS on clarified requirements on synchronization for GUP***

**Conclusion:** Noted

**S2-033915** from S1-031275: ***LS on modification of the LDR event types (reply to [S2-032722](#))***

TSG SA1 has agreed to remove the requirement for change of area from TS22.071 Rel-5 in order to align with 23.271 and 29.002 Rel-5.

**Conclusion:** Noted

**S2-033916** from S1-031286: *LS on high bandwidth communication capability for USAT*

SA1 asks TSG-T, T2 and T3 to take the above requirements into account.

**Conclusion:** Reply in S2-034326

**S2-033917** from S1-031303: *LS on CS interconnect accounting for multi-media services e.g. videotelephony*

SA1 would like to provide GSMA SerG with a successive feedback regarding the high level operator requirement on the capability to identify user rate and protocol at the point of interconnection for settling inter-network accounts.

**Conclusion:** Noted

**S2-033918** from S1-031313: *Reply to LS on Clarification on Presence Service Matters (S1-031072;N4-031062)*

SA1 thanks CN4 for the LS provided within S1-031072 (N4-031062) and would like to provide the following information with regard to relationship between Presence and CAMEL.

**Conclusion:** Noted

**S2-033919** from S1-031326: *LS on developing interworking with GIS (reply to [S2-033226](#))*

SA1 has agreed a Rel-6 CR to TS22.071 introducing a requirement for interworking with GIS.

**Conclusion:** Forwarded to LCS drafting session and noted

**S2-033920** from S1-031332: *Reply to LS on MBMS Volume/Time Based Charging (S1-031077;[S2-033169](#))*

SA1 has discussed this topic and would like to inform SA2 and SA5 that at this point in time SA1 sees no need for volume/time based charging data to be generated in respect of charging the user.

**Conclusion:** Forwarded to MBMS drafting session and Response in S2-033978

**S2-033921** from S1-031333: *Reply to LS on Layer1 Performance for MBMS (S1-031199;R1-031138)*

SA1 has discussed the content of S1-031199 (R1-031138) and would like to provide the following information with regard to the Layer1 Performance for MBMS.

**Conclusion:** Forwarded to MBMS drafting session and noted

**S2-033922** from N4-031013: *LS on sending the SGSNs MNC and MCC to the GGSN and service node*

Postponed from the last meeting and was [S2-033315](#)

**Discussion:** It was proposed to note this LS and LS in S2-033925 because SA chairman will report this issue to SA plenary to save some time.

**Conclusion:** Noted and this LS was dealt with Nortel's related docs in the meeting

**S2-033925** from S5-034557: *LS reply on sending the SGSN's MNC and MCC to the GGSN*

Was [S2-033339](#) and postponed from the last meeting

**Conclusion:** Noted together with S2-033922

**S2-033924** from OMA Req WG (with input from OMA PoC WG): *Reply LS to 3GPP on principles for overlapping issues with OMA regarding PoC*

Postponed from the last meeting and was [S2-033359](#)

**Discussion:** S2 will send an LS to SA plenary for them to collect all the LSs from the working groups and send the combined LS to the next OMA meeting in February S2-032004.

**Conclusion:** Response LS in S2-034240

**S2-034240** from SA2: *[Draft] Input for "Reply LS to 3GPP on principles for overlapping issues with OMA regarding PoC"*

**Discussion:** It was proposed to drop Cc S1.

**Conclusion:** Revised to S2-034368

**S2-034368** from SA2: *Input for "Reply LS to 3GPP on principles for overlapping issues with OMA regarding PoC"*

**Conclusion:** Approved

**S2-033926** from T2-030472: *LS on addition of MMS support by the USIM Application Toolkit*

Was [S2-033342](#) and postponed from the last meeting

**Conclusion:** This was kept open for the moment and comeback to manage when the related LS by T2 is available. Response LS in S2-034326

**S2-033927** from T2-030535: *LS on identifying MMS Enabled devices and MMS Capabilities of those devices.*

Was [S2-033346](#) and postponed from the last meeting

**Discussion:** CN4 already replied for this in the last Bangkok meeting.

**Conclusion:** draft reply LS in [S2-034164](#)

**S2-034164** from Nokia: *Draft reply LS on identifying MMS Enabled devices and MMS Capabilities of those devices.*

SA2 would like to report their conclusions on the two problems raised: MMS Enabled problem and MMS Capabilities problem.

**Discussion:** Nokia was not convinced to IMEI solution and had big doubt on e-mail based solution and did not see any advantage of the solution at the moment and asked to postpone drafting an LS to the next meeting.

**Conclusion:** Revised to S2-034242 and check the status at the end of the meeting

**S2-034242** from SA2: *Draft Reply LS to T2 on identifying MMS Enabled devices and MMS Capabilities of those devices*

**Conclusion:** Noted

**S2-033928** from TP-030228: *LS on the use of MMS as a bearer for USAT*

Was [S2-033347](#) and postponed from the last meeting

**Conclusion:** Reply in S2-034326

**S2-033949** from T3-030928: *T3 reply to LS's on MMS as a Bearer for USAT*

**Discussion:** S2 had no preference for this selected mechanism. Chairman suggested to see S2-033926 and S2-033928.

**Conclusion:** Reply in S2-034326

**S2-034326** from SA2: *Draft Reply LS on high bandwidth communication capability for USAT*

**Discussion:** This LS is the reply LS for USAT related LSs (S2-033926, S2-033928, S2-033916 and S2-034163).

Bullet points order should be changed.

**Conclusion:** Revised to S2-034364

**S2-034364** from SA2: *Reply LS on high bandwidth communication capability for USAT*

**Conclusion:** Approved

**S2-033929** from R3-031756: *Reply LS on RAN Work Item "'Control of Remote Electrical Tilting Antenna" and possible impact on TSG SA 5'*

This LS provides some further information requested by TSG SA WG 5 in order to complete their study.

**Discussion:** No problem was seen in this issue.

**Conclusion:** Noted

**S2-033930** from OCG EMTEL: *Liaison Statement reply to 3GPP SA2 on Comments on ETSI SR 002 180 V0.3.2*

OCG EMTEL ad-hoc group thanks 3GPP SA2 for their reply to our recent liaison statement asking for comments on the ETSI SR 002 180 V0.3.2. We note your answers to our questions and also note that you have some questions of your own. The comments you made and the questions you asked are dealt with in the following liaison statement.

**Discussion:** S2 felt it is a good way to have a joint meeting with ETSI TISPAN in early next year. The main point of the joint meeting can be what S2 specification would fulfill the requirements.

**Conclusion:** Forwarded to LCS drafting session and a response LS to EMTEL is in S2-034058 and to TISPAN in S2-034059

**S2-033932** from R2-032658: *Reply LS on Location Reporting in case of accuracy*

**Conclusion:** Forwarded to LCS drafting session and noted

**S2-033933** from Location WG of the Open Mobile Alliance: *Response on interworking with GIS*

**Conclusion:** Forwarded to LCS drafting session and noted

**S2-033940** from GP-032825: *Speech Enabled Services Impacts for GERAN*

**Discussion:** Nokia suggested to discuss this LS after we have discussed SES related docs where we can deal with the issues in this LS such as Codecs in roaming situation, ASR, etc.

**Conclusion:** This LS was put in SES agenda point and postponed to the next meeting for reply as GERAN has a meeting in February.

**S2-033942** from S5-038807: *LS on Reply LS on RAN Work Item "'Control of Remote Electrical Tilting Antenna" and possible impact on SAS'*

**Conclusion:** Noted

**S2-033943** from T2-030619: *LS on Hierarchical Structure in GUP Specs*



**Discussion:** This was presented by Nokia(Harri) and there was no comment. It was proposed to consider S2-034165 and S2-034166.

**Conclusion:** Forwarded to GUP agenda item 9.1 and response in S2-034291

**S2-034291** from SA2: *Draft Reply LS on Hierarchical Structure in GUP Specs*

**Conclusion:** Revised to S2-034372

**S2-034372** from SA2: *Reply LS on Hierarchical Structure in GUP Specs*

**Conclusion:** Approved

**S2-033944** from T2-030638: *LS on “Extended MM7 and Messaging Integration Broker”*

**Conclusion:** Noted

**S2-034090** from S3-030808: *Reply LS on Tunnel Establishment and Security Association*

**Conclusion:** Forwarded to WLAN session and noted

**S2-033941** from S5-034764: *LS on Explicit Data Volume Reporting in RNC*

**Discussion:** It was pointed a problem for RNC to count everything.

**Conclusion:** This LS was put in agenda item 9 as the related doc S2-034179 by Ericsson is in agenda point 9 and Reply in S2-034259

**S2-033939** from GP-032818: *Further questions on Service Id needs in the Access Network*

**Discussion:** Long discussions. GERAN wants less than 11 octets and globally unique. Meeting going more towards Vodafone proposal. Delegates are asked to bring in CRs for next meeting to clarify the issue.

**Conclusion:** Forwarded to MBMS drafting and noted

**S2-033931** from GP-032718: *Coordination of Positioning Methods between TSG GERAN and TSG RAN*

TSG GERAN are able to provide the following answers to the questions addressed to them by TSG RAN3 in this liaison.

**Conclusion:** Postponed to the next meeting

**S2-033935** from GP-032681: *Reply LS on PDP context to SAPI mapping*

**Conclusion:** Postponed to the next meeting

**S2-033937** from GP-032816: *LS on issues related to SNA Access Information*

**Conclusion:** Postponed to the next meeting

**S2-033938** from GP-032817: *LS on Preservation for real time PDP contexts in A/Gb mode*

**Conclusion:** Postponed to the next meeting

**S2-033945** from R3-031826: *LS on NAS/AS issue for Shared Network in connected mode*

**Conclusion:** Postponed to the next meeting

**S2-033946** from R3-031868: *LS Response on new questions about RAN assumption*

**Conclusion:** Postponed to the next meeting

**S2-033947** from T3-031016: *LS on Parameters and files for WLAN interworking*

**Conclusion:** Postponed to the next meeting

**S2-033948** from T3-030932: *LS on the harmonization of ISIM for 3GPP2*

**Conclusion:** Postponed to the next meeting

**S2-033950** from R2-032692: *Reply to: LS Response on a new question about RAN assumption*

**Conclusion:** Postponed to the next meeting

**S2-033951** from R2-032707: *Response LS on “Handling of MBMS UEs in RRC-connected, PMM-IDLE state”*

**Conclusion:** Postponed to the next meeting

**S2-034088** from S3-030806: *LS on service announcement and UE joining procedure*

**Conclusion:** Postponed to the next meeting

**S2-034089** from S3-030807: *LS on security of EAP or SSID based network advertisements*

**Conclusion:** Postponed to the next meeting

**S2-034091** from S3-030810: *Reply LS on security of the Diameter protocol for the Gq interface*

**Conclusion:** Postponed to the next meeting

**S2-034341** from GSMA WLAN Doc 124\_03r2: *LS to 3GPP SA, SA2 on GSM Association requirements for I-WLAN scenario 3*

**Conclusion:** Postponed to the next meeting

**S2-034092** from R3-031874: *Answer LS on Handling of MBMS UEs in RRC-connected, PMM-IDLE state*

**Conclusion:** Postponed to the next meeting

## 6. Release 99 and earlier

**S2-034181** from Nortel Networks: *Serving network identity from SGSN to GGSN*

As agreed in SA2#35, CRs are provided to 23.060 with the requirement for inclusion of the serving network identity from the SGSN to the GGSN.

**Discussion:** Nokia did not see a reason to send visited network identity during PDP Context Modification procedure. GGSN already is included in PDP context activation. Nokia proposed to agree the CRs from Rel5 onwards and to ask SA plenary how much backwards they are reflected. Rel-5 and Rel-6 were approved with some minor corrections and the other CRs will be sent to SA plenary with an LS (S2-034249).

**Conclusion:** Noted

**S2-034182** from Nortel Networks: *Serving network identity from SGSN to GGSN (on 03.60, CR 217r2, cat F, 6.11.0)*  
Information is added to the Create PDP Context Req and Update PDP Context Req, to provide to the GGSN with the network identity on which the MS is registered.

**Conclusion:** Revised to S2-034243

**S2-034243** from Nortel: *Serving network identity from SGSN to GGSN (on 03.60, CR 217r3, cat F, 6.11.0)*

**Conclusion:** Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary

**S2-034183** from Nortel Networks: *Serving network identity from SGSN to GGSN (on 03.60, CR 218r2, cat A, 7.9.0)*  
Information is added to the Create PDP Context Req and Update PDP Context Req, to provide to the GGSN with the network identity on which the MS is registered.

**Conclusion:** Revised to S2-034244

**S2-034244** from Nortel: *Serving network identity from SGSN to GGSN (on 03.60, CR 218r3, cat A, 7.9.0)*

**Conclusion:** Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary

**S2-034184** from Nortel Networks: *Serving network identity from SGSN to GGSN (on 23.060, CR 471r2, cat F, 3.15.0)*

Information is added to the Create PDP Context Req and Update PDP Context Req, to provide to the GGSN with the network identity on which the MS is registered.

**Conclusion:** Revised to S2-034245

**S2-034245** from Nortel: *Serving network identity from SGSN to GGSN (on 23.060, CR 471r3, cat F, 3.15.0)*

**Conclusion:** Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary

**S2-034185** from Nortel Networks: *Serving network identity from SGSN to GGSN (on 23.060, CR 472r2, cat A, 4.8.0)*

Information is added to the Create PDP Context Req and Update PDP Context Req, to provide to the GGSN with the network identity on which the MS is registered.

**Conclusion:** Revised to S2-034246

**S2-034246** from Nortel: *Serving network identity from SGSN to GGSN (on 23.060, CR 472r3, cat A, 4.8.0)*

**Conclusion:** Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary

**S2-034186** from Nortel Networks: *Serving network identity from SGSN to GGSN (on 23.060, CR 473r2, cat A, 5.6.0)*

Information is added to the Create PDP Context Req and Update PDP Context Req, to provide to the GGSN with the network identity on which the MS is registered.

**Conclusion:** Revised to S2-034247

**S2-034247** from Nortel: *Serving network identity from SGSN to GGSN* (on 23.060, CR 473r3, cat F, 5.6.0)

**Conclusion:** Approved

**S2-034187** from Nortel Networks: *Serving network identity from SGSN to GGSN* (on 23.060, CR 474r2, cat F, 6.2.0)  
Information is added to the Create PDP Context Req and Update PDP Context Req, to provide to the GGSN with the network identity on which the MS is registered.

**Conclusion:** Revised to S2-034248

**S2-034248** from Nortel: *Serving network identity from SGSN to GGSN* (on 23.060, CR 474r3, cat F, 6.2.0)

**Conclusion:** Approved

**S2-034249** from SA2: *Draft LS on Serving network identity from SGSN to GGSN*

**Discussion:** This is the LS to SA plenary explaining Rel-97 to Rel-4 CRs of Nortel. There were some rewording comments.

**Conclusion:** Revised to S2-034369

**S2-034369** from SA2: *Draft LS on Serving network identity from SGSN to GGSN*

**Conclusion:** Revised to S2-034375

**S2-034375** from SA2: *LS on Serving network identity from SGSN to GGSN*

**Conclusion:** Approved

**S2-034158** from Nokia: *PFI correction* (on 23.060, CR 465r3, cat F, 3.15.0)

It is clarified that the SGSN should not send Packet Flow Identifier (PFI) to an MS that indicated in the MS Network Capability IE it does not support BSS packet flow procedures.

**Discussion:** There were some comments for rewording in cover page and contents itself. Siemens was not sure this addition really affects something.

**Conclusion:** Revised to S2-034250

**S2-034250** from Nokia: *PFI correction* (on 23.060, CR 465r4, cat F, 3.15.0)

**Conclusion:** Approved

**S2-034159** from Nokia: *PFI correction* (on 23.060, CR 466r1, cat A, 4.8.0)

It is clarified that the SGSN should not send Packet Flow Identifier (PFI) to an MS that indicated in the MS Network Capability IE it does not support BSS packet flow procedures.

**Conclusion:** Revised to S2-034251

**S2-034251** from Nokia: *PFI correction* (on 23.060, CR 466r2, cat A, 4.8.0)

**Conclusion:** Approved

**S2-034160** from Nokia: *PFI correction* (on 23.060, CR 467r1, cat A, 5.6.0)

It is clarified that the SGSN should not send Packet Flow Identifier (PFI) to an MS that indicated in the MS Network Capability IE it does not support BSS packet flow procedures.

**Conclusion:** Revised to S2-034252

**S2-034252** from Nokia: *PFI correction* (on 23.060, CR 467r2, cat A, 5.6.0)

**Conclusion:** Approved

**S2-034161** from Nokia: *PFI correction* (on 23.060, CR 469, cat F, 6.2.0)

It is clarified that the SGSN shall not send Packet Flow Identifier (PFI) to an MS that indicated in the MS Network Capability IE it does not support BSS packet flow procedures.

**Conclusion:** Revised to S2-034253

**S2-034253** from Nokia: *PFI correction* (on 23.060, CR 469r1, cat F, 6.2.0)

**Conclusion:** Revised to S2-034377 after the meeting as CR number is wrong

**S2-034377** from Nokia: *PFI correction* (on 23.060, CR 468r1, cat F, 6.2.0)

**Conclusion:** Approved

## 7. Release 4

There were no documents related to this work item.

## 8. Release 5

### 8.1 IMS

**S2-034146** from Siemens: *Restrictions on Sessions without IMS required capabilities - Considerations related to [S2-033907](#) (N1-031725)*

At SA2#34 in Brussels SA2 approved a CR, which intended to facilitate migration to the Release 6 solution for interworking with external SIP networks. This CR was slightly modified and approved at SA#21. However, CR337revision 2 triggered controversial discussions in CN1. In N1-031725 they ask SA2 for further guidance. CN1 describes four possible ways forward, but does not preclude other options.

**Discussion:** It was issued how to guarantee backward compatibility with Rel-6 and how we can handle already frozen CN1 solution on this topic. This solution can be interpreted in many different ways in stage 3. Also, S2 needed some clarification on CN1 security issues. Chairman suggested to go to S2-034147.

**Conclusion:** Noted

**S2-034147** from Siemens: *Restrictions on Sessions without IMS required capabilities (on 23.228, CR 367, cat F, 5.10.0)*

Impose operator restriction on interworking with external SIP networks rather than on SIP header level.

**Discussion:** The added paragraph needed more clarification. (Ericsson made this section before). The deleted paragraph explains more exactly than the added paragraph.

**Conclusion:** Revised to S2-034283

**S2-034283** from Siemens: *Restrictions on Sessions without IMS required capabilities (on 23.228, CR 367r1, cat F, 5.10.0)*

**Conclusion:** Approved

**S2-034223** from Ericsson: *Clarification of Trust Domain restriction for IMS (on 23.228, CR 377, cat F, 5.10.0)*

Add references to the two Privacy & Trust Domain RFCs and clarify the 3gpp trust domain assumption (ie. closed network) for Rel-5.

**Discussion:** The last sentence was requested to be reworded.

**Conclusion:** Revised to S2-034285

**S2-034285** from Ericsson: *Clarification of Trust Domain restriction for IMS (on 23.228, CR 377r1, cat F, 5.10.0)*

**Conclusion:** Approved

### 8.2 Early UE

**S2-034213** from Siemens: *Removal of text passages with unclear status (on 23.195, CR 008, cat F, 5.1.0)*

Removal of text passages of unclear status

**Discussion:** GERAN could not decide on the reason for change in their last meeting. S2 had confusion on this text. Vodafone indicated that now we deal with UMTS not GERAN. S2 decided to send an LS to SA and GERAN to draw a clear decision on this issue.

**Conclusion:** Noted and LS to SA and GERAN in S2-034254

**S2-034254** from SA2: ***DRAFT** Pending Decision on A Interface Functionality for Early UE handling*

**Discussion:**

**Conclusion:** Revised to S2-034370

**S2-034370** from SA2: *Pending Decision on A Interface Functionality for Early UE handling*

**Conclusion:** Approved

**S2-034220** from Vodafone UK: *Change to editor's note (on 23.195, CR 009, cat F, 5.1.0)*

Erroneous text is deleted.

**Conclusion:** Approved

### 8.3 LCS

**S2-034127** from Huawei, China Mobile: *Enhanced LDR reference number in R5 (on 23.271, CR 228, cat C, 5.8.0)*

A definition of LDR reference number is added, and LDR reference number is also added as an optional parameter in the LCS Service Response message sent from LCS Server to LCS Client. In addition, the affected procedures are updated.

**Conclusion:** Revised to S2-034276

**S2-034276** from Huawei, China Mobile: *Enhanced LDR reference number in R5 (on 23.271, CR 228r1, cat C, 5.8.0)*

**Conclusion:** Revised to S2-034389 after the meeting

**S2-034389** from Huawei, China Mobile: *Enhanced LDR reference number in R5 (on 23.271, CR 228r2, cat C, 5.8.0)*

**Conclusion:** Approved

**S2-034128** from Huawei, China Mobile: *Enhanced LDR reference number in R6 (on 23.271, CR 229, cat C, 6.5.0)*

A definition of LDR reference number is added, and LDR reference number is also added as an optional parameter in the LCS Service Response message sent from LCS Server to LCS Client. In addition, the affected procedures are updated.

**Conclusion:** Revised to S2-034277

**S2-034277** from Huawei, China Mobile: *Enhanced LDR reference number in R6 (on 23.271, CR 229r1, cat C, 6.5.0)*

**Discussion:** Cover page should be changed.

**Conclusion:** Revised to S2-034353

**S2-034353** from Huawei, China Mobile: *Enhanced LDR reference number in Rel 6 (on 23.271, CR 229r2, cat F, 6.5.0)*

**Conclusion:** Approved

## 9. Release 6

**S2-034156** from Vodafone: *Security Issue with Multiple PDP Contexts (on 23.060, CR 434r6, cat B, 6.2.0)*

The addition of the parameters APN Restriction and Maximum APN Restriction to be transferred in Create PDP Context requests and Update PDP Context requests. Addition of feature to perform calculation/decision of whether certain APN combinations are permissible in the PDP Context Activation and Inter-SGSN Routeing Area Update procedures.

**Discussion:** Vodafone argued that this is mandatory for all features but Nokia thought this is optional feature. Siemens asked more clarification for the PDP context activation procedure in Annex D.

**Conclusion:** Revised to S2-034255

**S2-034255** from Vodafone: *Security Issue with Multiple PDP Contexts (on 23.060, CR 434r7, cat B, 6.2.0)*

**Conclusion:** Revised to S2-034327 before presentation

**S2-034327** from Vodafone: *Security Issue with Multiple PDP Contexts (on 23.060, CR 434r8, cat B, 6.2.0)*

**Conclusion:** Approved

**S2-034163** from Nokia : *Draft reply LS on the use of MMS as a bearer for USAT*

**Conclusion:** Postponed until we can get an LS from T3 and comeback and Noted

**S2-034210** from Nortel Networks, Nokia: *BSS PFC procedures at PDP context modification (on 23.060, CR 478r2, cat F, 6.2.0)*

Add BSS Packet Flow Creation in PDP context modification flows. RAB modification procedures are moved to be executed before Modify PDP Context Request is send to MS.

**Discussion:** The requested changes were to remark radio access network in cover page and reconsider the ME impacted or not. Siemens wished to have same structure for all the subclauses. Chairman proposed to take an offline discussion.

**Conclusion:** Revised to S2-034256

**S2-034256** from Nortel Networks, Nokia: *BSS PFC procedures at PDP context modification (on 23.060, CR 478r3, cat F, 6.2.0)*

**Discussion:** Revision of bullet 4 was needed and title also should be changed.

**Conclusion:** Revised to S2-034328

**S2-034328** from Nortel Networks, Nokia: *BSS PFC procedures at PDP context modification (on 23.060, CR 478r3, cat F, 6.2.0)*



**Conclusion:** Approved

**S2-034222** from Ericsson: *Analysis of new OSA R6 requirement*

It is therefore proposed that S2 send a Liaison Statement to CN5, informing CN5 that the OSA R6 High Availability requirement does not impact the OSA Architecture and asking CN5 to start the stage3 implementation of this requirement.

**Discussion:** Lucent was concerned that why we do have specifically the analysis. Ericsson proposed to send an LS to CN5 to inform them architectural requirements.

**Conclusion:** Noted and LS to CN5 in S2-034258

**S2-034258** from SA2: *[Draft] LS on Completion of stage2 work related to OSA Rel 6 High Availability requirement*

**Conclusion:** Revised to S2-034385 via e-mail approval

**S2-034385** from SA2: *LS on Completion of stage2 work related to OSA Rel 6 High Availability requirement*

**Conclusion:** Approved via e-mail approval after the meeting

**S2-034179** from Ericsson: *Explicit Request for RNC Unsent Downlink Volume from SGSN*

SA2 should do no change in TS 23.060, chapter 15.1.1.

**Discussion:** After general bearer level charging discussion, we can decide on this topic up to the outcome of the discussion.

**Conclusion:** Noted and related LS is S2-033941 which was concluded to be responded in S2-034259

**S2-034259** from SA2: *Reply to LS on Explicit Data Volume Reporting in RNC*

**Discussion:** Rewording was needed.

**Conclusion:** Revised to S2-034371

**S2-034371** from SA2: *Reply to LS on Explicit Data Volume Reporting in RNC*

**Conclusion:** Approved

**S2-034087** from Nokia: *Gq reference point (on 23.002, CR 135r2, cat B, 6.2.0)*

**Discussion:** Ericsson pointed out that the first sentence in AF does not make sense. Chairman advised that two docs numbers is easy to share the work.

**Conclusion:** Revised to S2-034260

**S2-034260** from Nokia: *Gq reference point (on 23.002, CR 135r3, cat B, 6.2.0)*

**Conclusion:** Revised to S2-034340

**S2-034340** from Nokia: *Gq reference point (on 23.002, CR 135r4, cat B, 6.2.0)*

**Conclusion:** Approved

**S2-034261** from Nokia: *Definition of the Application Function (on 23.207, CR 067, cat F, 6.0.0)*

**Conclusion:** Approved

## 9.1 GUP

**S2-034165** from Nokia: *Discussion on GUP information model*

We kindly request SA2 to discuss this proposal in order to find a resolution to the GUP information model issue and to inform T2 and CN4 about the decision.

**Discussion:** This is related to LS S2-033943 from T2. After presentation of S2-033943 by Nokia (Harri), T-mobile and TeliaSonera fully supported this contribution. However, Lucent indicated that hierarchical structure does not make sense and argued that implementation of GUP schema can be made easier with option 1. Forth option was considered preferable but chairman asked Lucent to convince people for option 1. T2 and CN4 preferred option 4.

**Conclusion:** Noted

**S2-034166** from Nokia: *GUP information model improvement (on 23.240, CR 011, cat C, 6.1.0)*

A loop arrow to component itself is added to the information model figure. The text is modified accordingly with some refinements of the component identification definitions in line with the other parts of this specification. Furthermore the example figure and the text descriptions are modified to show also the case of a component referencing another component.

**Discussion:** The purpose of this document is to introduce technically correct option 4 in TS 23.240. Lucent felt that we do not need component and should not focus on physical aspects. S2-034295 includes comments from Lucent for this document.

**Conclusion:** Postponed to Wednesday morning for decision together with S2-034165 and returned and revised to S2-034299

**S2-034295** from Lucent: *Discussion on GUP information model*

**Conclusion:** Noted

**S2-034299** from Nokia: *GUP information model improvement* (on 23.240, CR 011r1, cat C, 6.1.0)

**Discussion:** Chairman encouraged Nokia, Ericsson and Lucent work offline for the exact wording of this revision.

**Conclusion:** Approved

**S2-034125** from Ericsson: *Notification Reference* (on 23.240, CR 009, cat F, 6.1.0)

Notification reference is added as a new mandatory parameter into the Subscribe procedure and Subscribe to Data procedure. GUP server and GUP repositories will use this reference as a call-back address to send notifications to.

**Discussion:** Nokia supported this contribution.

**Conclusion:** Approved

**S2-034126** from Ericsson: *Subscribe Operation, Subscription Status* (on 23.240, CR 010r1, cat B, 6.1.0)

It is specified how an application can obtain the status of its own subscriptions to notifications.

**Discussion:** 4.11 table should be changed editorially and 'server' deleted in 'RAF server'.

**Conclusion:** Revised to S2-034282

**S2-034282** from Ericsson: *Subscribe Operation, Subscription Status* (on 23.240, CR 010r2, cat B, 6.1.0)

**Conclusion:** Approved

**S2-034167** from Nokia: *Selection of the GUP Server mode of operation* (on 23.240, CR 007r1, cat F, 6.1.0)

It is clarified how the GUP Server mode of operation is indicated, requested and selected.

**Discussion:** Nokia pointed out that the only changes compared to S2-033573 (CR 007) that was postponed at the last meeting are on the cover page.

**Conclusion:** Approved

**S2-034217** from Fujitsu: *GUP Annex B terminal Capability negotiation for IMS* (on 23.240, CR 012, cat F, 6.1.0)

Indicate in the annex B that IMS AS could also be the consumer of the IMS terminal related data. And S-CSCF could be the RAF which provides the standardised access to GUP server.

**Discussion:** S2 felt that specifying S-CSCF and IMS is not a good way for GUP specification.

**Conclusion:** Revised to S2-034290

**S2-034290** from Fujitsu: *GUP Annex B terminal Capability negotiation for IMS* (on 23.240, CR 012r1, cat F, 6.1.0)

**Conclusion:** Approved

## 9.2 IMS Phase 2

**S2-034139** from RIM: *IMS Session based Messaging NRPCA Discussion Paper*

If agreed then RIM intend to bring detailed proposed enhancements based on this solution to be included in TR 23.976, TS 23.060, TS 23.207 and also to other affected specifications.

**Discussion:** To avoid preconditions was generally supported and the other features were asked more study.

**Conclusion:** Noted, it was however generally supported for the aspect of being able to establish messaging session without preconditions.

**S2-034198** from Siemens: *Session based messaging principles* (on 23.228, CR 372, cat B, 6.3.0)

The CR clarifies that messages within a message session should be sent over a reliable protocol, store-and-forward mechanisms do not apply in the context of session messaging and that e2e exchange of messages between two endpoints should be enabled.

**Discussion:** Second bullet item was controversial and was asked more clear and simple solution. S2 decided to avoid complicate store and forward.

**Conclusion:** Revised to S2-034286

**S2-034286** from Siemens: *Session based messaging principles*

**Conclusion:** Withdrawn

**S2-034199** from Siemens: *Session based messaging procedure for registered users* (on 23.228, CR 373, cat B, 6.3.0)

The CR introduces call flows, which show the establishment and release of a message session where the messages are exchanged e2e between the two endpoints and no (IMS) intermediary function is involved.

**Discussion:** RIM had strong concerns about the proposal that preconditions are the only option. Chairman suggested to note this and go to S2-034205 and S2-034206

**Conclusion:** Noted

**S2-034205** from Ericsson: *Session based messaging*

It is proposed to discuss the different alternatives for session based messaging. Ericsson has drafted a CR based on the above procedures and the assumption that the network server configuration with SMFC/SMFP is agreed. The proposed CR is in S2-034206.

**Discussion:** Several companies had some concerns and questions about each scenario introduced in this document regarding conferencing server, MRFP functionality, MRF functionality, SMS application server, etc.

**Conclusion:** Noted

**S2-034206** from Ericsson: *Introduction of Session based messaging architecture* (on 23.228, CR 359r3, cat B, 6.3.0)  
Some additional architecture principles and flow examples have been added for Session based messaging.

**Conclusion:** Noted

**S2-034149** from Siemens: *Forking support in MGCF and AS* (on 23.228, CR 368, cat C, 6.3.0)

Adopt the UE forking functionality for an MGCF. Include text that Application Servers that originate or terminate sessions should be capable to handle forked requests.

**Discussion:** The last sentence was requested to be refreshed.

**Conclusion:** Revised to S2-034287

**S2-034287** from Siemens: *Forking support in MGCF and AS* (on 23.228, CR 368r1, cat C, 6.3.0)

**Conclusion:** Revised to S2-034329

**S2-034329** from Siemens: *Forking support in MGCF and AS* (on 23.228, CR 368r2, cat C, 6.3.0)

**Conclusion:** Approved

**S2-034215** from Fujitsu: *Terminal Capability with SIP Registration* (on 23.228, CR 375, cat C, 6.3.0)

New requirement added to 5.2.1.

**Discussion:** It was requested to clarify what kind of terminal capabilities is specified and what kind of information is needed. Chairman suggested to take a look at S2-034207 and conclude this doc.

**Conclusion:** Revised to S2-034288

**S2-034288** from Fujitsu, Nokia, Ericsson: *Terminal Capability with SIP Registration* (on 23.228, CR 375r1, cat C, 6.3.0)

**Discussion:** It was requested to changes cover page and reference.

**Conclusion:** Revised to S2-034332

**S2-034332** from Fujitsu, Nokia, Ericsson: *Terminal Capability with SIP Registration* (on 23.228, CR 375r2, cat C, 6.3.0)

**Conclusion:** Approved

**S2-034207** from Ericsson: *Feature capability identifier*

It is proposed to add the concept of a Feature capability identifier in the PoC TR 23.979 and if the meeting thinks the concept is useful for IMS in general, Ericsson volunteers to write a CR that adds the following section to 23.228.

**Discussion:** It was not clear what is the background of contact address concept and Ericsson promised to make some wording and bring a new contribution for the next meeting.

**Conclusion:** Noted

**S2-034216** from Fujitsu: *SIP Forking* (on 23.228, CR 376, cat F, 6.3.0)

Text added to 4.2.7 to clarify this fact that forking may not happen due to other routing logic inside IMS (S-CSCF or AS)

**Discussion:** S2 felt this change is too complicated and asked to redraw the change.

**Conclusion:** Will be discussed with S2-034288 and revised to S2-034333

**S2-034333** from Fujitsu: *SIP Forking*

**Conclusion:** Postponed

**S2-034173** from ALCATEL: *RTCP removal*

In light of the above discussion, it is quite clear that removing RTCP flows entirely is not the right approach to pursue. It is therefore proposed to exclude such solution and to take as a working assumption that RTCP flows are not removed.

**Discussion:** S2 agreed that RTCP is generally necessary and RTCP removal is optimization issue. Chairman proposed to note this contribution and 'RTCP never come in a session' was agreed by S2. Other docs related to this were suggested to be discussed offline between interested people.

**Conclusion:** Noted

**S2-034188** from Nortel Networks: *IP flows on same or separate PDP contexts* (on 23.228, CR 370, cat C, 6.3.0)



The UE may send associated IP flows (e.g. RTP and RTCP) on the same, but also on different PDP contexts.

**Discussion:** S2 asked more clarification why we should say it is 'necessary'.

**Conclusion:** Revised to S2-034289

**S2-034289** from Nortel Networks: *IP flows on same or separate PDP contexts* (on 23.228, CR 370r1, cat C, 6.3.0)

**Discussion:** CN3 needs some clarification on error handling in stage 3 implementation.

**Conclusion:** Noted and LS to CN3 in S2-034335

**S2-034174** from ALCATEL: *Frame stealing*

It is proposed to take as a working assumption that: If a frame stealing solution is adopted, then the solution shall be UTRAN based and shall not impact the CN and the UE.

**Conclusion:** This was handled together with S2-034175 by offline discussion and noted

**S2-034175** from ALCATEL: *RTCP handling: separation or multiplexing*

It is therefore proposed to take solution B as a working assumption: (1) RTP and RTCP are multiplexed into a single PDP context. (2) Two radio bearers are used for distinguishing RTP and RTCP traffic.

**Conclusion:** Discussed offline together with S2-034174, Noted

**S2-034214** from Siemens: *RTP/RTCP handling for Voice over IMS*

The choice between the solutions is left to SA2 and should take into account the answers and detailed analysis from SA4 and RAN2/3. Nevertheless, the comparison showed that least impact on all entities can be expected with the RTCP removal. However, RTCP is useful for certain scenarios. RTCP removal may therefore be considered as a short term solution and long-term optimisation. If the applications do not agree to remove RTCP using RFC S2-033556, the use of separate radio bearers for RTP and RTCP (Solution 2.2.1 or 2.2.2, separate or single RAB(s) / PDP context(s)) seems to be the preferable solution, especially from the UTRAN perspective, because it allows applying the existing UTRAN functionality for scheduling traffic solely based on different QoS requirements.

**Conclusion:** Replaced by S2-034241 before the presentation

**S2-034241** from Siemens, 3: *RTP/RTCP handling for Voice over IMS*

**Conclusion:** This was discussed offline together with S2-034174 and S2-034175 and noted

**S2-034225** from Ericsson: *HSS as database for the PSI handling* (on 23.228, CR 379, cat C, 6.3.0)

home database is replaced by HSS in all cases where IMS principles applies

**Discussion:** There were some editorial comments.

**Conclusion:** Revised to S2-034300

**S2-034300** from Ericsson: *HSS as database for the PSI handling* (on 23.228, CR 379r1, cat C, 6.3.0)

**Conclusion:** Approved

**S2-034226** from Ericsson: *PSI corrections* (on 23.228, CR 380, cat C, 6.3.0)

Clarify that only the user part of the PSI can be modified by the users and that Distinct PSIs that can be changed by the user via Ut can either be individual or part of a wildcard PSI

**Discussion:** There were some needs for rewording.

**Conclusion:** Revised to S2-034301

**S2-034301** from Ericsson: *PSI corrections* (on 23.228, CR 380r1, cat C, 6.3.0)

**Conclusion:** Approved

**S2-034148** from Siemens: *Record-route at S-CSCF*

For peer-to-peer communication the S-CSCF is an important point within the home control paradigm. Here record-routing as specified will be appropriate in most cases. For some client-server type services the server has the full control over the service. If the server is under operator control, then the S-CSCF in the path does not necessarily add any value and record-route may not be needed. "No record-route in S-CSCF" should be configured with the filter-criteria for these services.

**Discussion:** This was considered useful for PoC and the principle suggested in this doc was agreed generally by S2 but this type of services was difficult to implement. Operators felt some doubt on the table of this proposal and no benefit in operator's point of view and also this solution may limit network operator's control.

**Conclusion:** Noted

**S2-034168** from Nokia: *AS originated sessions* (on 23.228, CR 369, cat B, 6.3.0)

Text has been added introducing the support for Application Server to generate SIP requests and dialogs on behalf of users on the origination side. Basic charging implications of this capability are also addressed.

**Discussion:** There were some editorial comments. Session based solution was considered as more service specific issue. Furthermore, how to charge for this kind of sessions was raised in section 4.9.

**Conclusion:** Revised to S2-034302

**S2-034302** from Nokia: *AS originated sessions* (on 23.228, CR 369r1, cat B, 6.3.0)

**Discussion:** To make CN1 start work, specification information should be removed in the other specs affected part of the cover sheet.

**Conclusion:** Revised to S2-034334

**S2-034334** from Nokia: *AS originated sessions* (on 23.228, CR 369r2, cat B, 6.3.0)

**Conclusion:** Revised to S2-034383 after the meeting

**S2-034383** from Nokia: *AS originated sessions* (on 23.228, CR 369r3, cat B, 6.3.0)

Revision of S2-034334

**Conclusion:** Approved

**S2-034191** from Nortel Networks: *Requirements for IM CN Subsystem signalling flag* (on 23.228, CR 371, cat C, 6.3.0)

Removal of the concept of dedicated PDP context signalling for release 6.

**Discussion:** To keep the rel-5 feature and add new feature in rel-6 was agreed.

**Conclusion:** Revised to S2-034303

**S2-034303** from Nortel Networks: *Requirements for IM CN Subsystem signalling flag* (on 23.228, CR 371r1, cat B, 6.3.0)

**Discussion:** The last change was asked for more clarification.

**Conclusion:** Revised to S2-034330

**S2-034330** from Nortel Networks: *Requirements for IM CN Subsystem signalling flag* (on 23.228, CR 371r2, cat B, 6.3.0)

**Conclusion:** Approved

**S2-034192** from Nortel Networks: *Requirements for IM CN Subsystem signalling flag* (on 23.207, CR 066, cat C, 6.0.0)

Removal of the IM CN Subsystem signalling flag.

**Discussion:** This was the same modification as S2-034191. It was proposed to keep the first sentence and last sentence should be changed.

**Conclusion:** Revised to S2-034304

**S2-034304** from Nortel Networks: *Requirements for IM CN Subsystem signalling flag* (on 23.207, CR 066r1, cat B, 6.0.0)

**Discussion:** Editorial comments

**Conclusion:** Revised to S2-034331

**S2-034331** from Nortel Networks: *Requirements for IM CN Subsystem signalling flag* (on 23.207, CR 066r2, cat B, 6.0.0)

**Conclusion:** Revised to S2-034380 after the meeting

**S2-034380** from Nortel Networks: *Requirements for IM CN Subsystem signalling flag* (on 23.207, CR 066r3, cat B, 6.0.0)

**Conclusion:** Approved

**S2-034224** from Ericsson: *Clarification of Trust Domain for IMS* (on 23.228, CR 378, cat B, 6.3.0)

Add references to the two Privacy & Trust Domain RFCs and clarify the 3GPP trust domain assumption for Rel-6 need resolution.

**Conclusion:** Revised to S2-034305

**S2-034305** from Ericsson: *Clarification of Trust Domain for IMS* (on 23.228, CR 378r1, cat B, 6.3.0)

**Conclusion:** Approved

**S2-034194** from Nortel Networks, Nokia: *IMS "Keep it Separate" indicator and IMS Flow Charging*

From the above discussion, we conclude that there are advantages to maintaining the existing Correlation-based approach to IMS charging, since this allows operators to enjoy the benefits of IP Flow Charging for IMS without the need to significantly change the IMS charging/rating systems from Release 5.

**Discussion:** S2 did not see the co-relation mechanism in Rel-5. Also, S2 was not convinced about PDP context and IMS session and could not easily agree in this stage as the similar mechanism in charging rule exists.

**Conclusion:** Noted

**S2-034193** from Nortel Networks: *IP Flow Charging impacts on other mechanisms*

Document S2-033649 discussed how a network with IP Flow charging capabilities would mean that the UE did not have to provide an IM CN Subsystem signalling flag to the network.

Support was received to study this work, so it is proposed to document this study in TR 23.825 since this fits well with the existing annex "Overall Architecture Aspects of IP Flow Based Bearer Level Charging".

**Discussion:** Some companies asked more clarification about how to use this signalling PDP context in flow charging.

**Conclusion:** Revised to S2-034307

**S2-034307** from Nortel Networks: *IP Flow Charging impacts on other mechanisms*

**Conclusion:** Withdrawn and will be available in the next meeting

### 9.3 IMS Commonality and Harmonisation

There were no documents related to this work item.

### 9.4 Presence

There were no documents related to this work item.

### 9.5 Push services

**S2-034135** from Rapporteur: *Push TR 23.976*

**Conclusion:** Agreed

**S2-034136** from RIM: *Updates to Push TR 23.976*

The work on the Push TR 23.976, as outlined in the PUSH Stage 2 WID, is nearing completion. Two remaining subsections relating to MBMS and WLAN have had no input to date and remain empty. Given that the Push TR should be submitted to SA Plenary for approval by December S2-032003, it is suggested in this contribution for these sections to be deleted from the current TR. The intent being that further work in these areas may be forthcoming but will most likely be in the Release 7 timeframe.

**Discussion:** S2 asked to keep the figure and heading and add some text that there is no stage 1 requirement.

**Conclusion:** Revised to S2-034321

**S2-034321** from RIM: *Updates to Push TR 23.976*

**Conclusion:** Approved

**S2-034137** from RIM : *Discussion on NRPCA*

In the diagram on the following page it can be seen that in step 3b the HLR/HSS is queried by the GGSN using the Send Routing Information to find the SGSN currently serving the UE. Therefore it would be possible to establish a PDP Context with a UE roaming outside of its' home PLMN using this procedure.

**Conclusion:** Revised to S2-034257 before the presentation

**S2-034257** from RIM : *Discussion on NRPCA*

**Discussion:** Several companies expressed doubt to introduce this kind of functions. S2 may need a new WID for this topic. However, through a long discussion, it is agreed that a technical solution for NRPCA will be included in the Push TR 23.976. Chairman concluded that push docs will be discussed first in the next meeting and first technical correct NRCPA docs will be dealt with in the next meeting and offline discussion is encouraged.

**Conclusion:** Noted

**S2-034138** from RIM : *Partial conclusion for Push TR*

This contribution suggests text that may be included in the Analysis and Conclusion section of the Push TR. The suggested text relates solely to the sections of the Push TR that have been completed.

**Conclusion:** Noted

### 9.6 Policy-based Control of Diffserv

**S2-034195** from Nortel Networks: *Use of Diffserv for WLAN policy*

We proposed the Policy based control of Diffserv functions should be supported in an extended Go interface in Release 6 for support of SBLP over Wireless LAN.

**Discussion:** Section 6.3 of Policy TR already covers this issue.

**Conclusion:** Noted and delete Policy control of Diffserv work item and we will deal with this issue in services over WLAN work item.

## 9.7 PS and IMS impacts of IMS Emergency calls

**S2-034201** from Rapporteur (Rainer Liebhart, Siemens): *TR 23.867, Version 0.5.0*

**Conclusion:** Agreed

**S2-034189** from Nortel Networks: *Location services in IMS Emergency Call TR*

It is proposed that these procedures be included as alternative (optional) mechanisms for determining the UE's location. The changes are to add a reference architecture diagram and detailed procedures describing all mechanisms for providing location information to the EC.

**Discussion:** IMS Emergency call TR is for PS based and session based services. This contribution was not generally agreed but S2 felt the need to move forward with this contribution on this topic.

**Conclusion:** Noted

**S2-034202** from Siemens: *Duplicate and inconsistent information in Emergency TR*

This contribution clarifies an inconsistency already mentioned in SA2#35 by contribution S2-033609 but not finally corrected there. Chapter 5.2.1 and 5.3.1.3 are both dealing with the functionality of assigning an S-SCSF by the P-CSCF. As this information is duplicated and not completely consistent in both chapters we propose to change text in 5.2.1 and to remove chapter 5.3.13.

**Discussion:** Editorial comments

**Conclusion:** Approved

**S2-034203** from Siemens: *Translating an Emergency SIP URI into a routable E.164 Number*

postponed from last meeting

**Discussion:** S2 felt that this translation can be very complicated depending on how much it can be done in real system.

**Conclusion:** Revised to S2-034308

**S2-034308** from Siemens: *Translating an Emergency SIP URI into a routable E.164 Number*

**Conclusion:** Approved

**S2-034204** from Ericsson: *UICC-less emergency calls*

The following is proposed: (1) Changing subclause 4.2.1 in TS 23.867 to align CS and PS access. (2) Adding a section in subclause 5.4 for the UICC less emergency call. (3) Introducing a flow in subclause 6.3 in TS 23.867 for UICC less emergency calls.

**Discussion:** Motorola could not find the useful text in this contribution and was not quite sure about UICC case.

**Conclusion:** Merged with S2-034178 and revised to S2-034306

**S2-034178** from Motorola: *Security Procedures for UICC-less Emergency calls*

It is proposed to edit the following text in sub-clause 4.2.1 of TR 23.867 as highlighted in yellow (primarily removing the FFS).

**Discussion:** S2 was not convinced by this proposal in the network point of view. Chairman encouraged to take an offline discussion.

**Conclusion:** Revised to S2-034306 (Merged with S2-034204)

**S2-034306** from Ericsson: *UICC-less PS based emergency calls; clarifications and alignment with CS based emergency calls*

**Conclusion:** Approved

**S2-034229** from Ericsson: *Addition of subclause describing radio aspects for PS based emergency calls*

It is proposed to add a new subclause 4.5 in TS 23.867 to cover aspects within the radio network to ensure that priority is given to PS based emergency calls.

**Discussion:** Editorial comments

**Conclusion:** Revised to S2-034325

**S2-034325** from Ericsson: *Addition of subclause describing radio aspects for PS based emergency calls*

**Conclusion:** Approved

## 9.8 LCS

**S2-034218** from Vodafone: *Introduction of IMS to LCS Architecture* (on 23.271, CR 221r1, cat B, 6.5.0)

Introduces the Location – IMS interworking function to support translation of IMS based location requests/addressing to existing location procedures.

**Discussion:** Chairman proposed to see the other papers on this topic as well.

**Conclusion:** Noted

**S2-034171** from Nokia: *LCS in IMS – some thoughts on [S2-033589](#)*

This contribution contains some thoughts around the topic with the focus on re-using existing capabilities as much as possible to provide this functionality.

**Conclusion:** Noted

**S2-034235** from Siemens: *Integration of IMS users in the LCS architecture*

**Discussion:** S2 felt that Nokia proposal is the agreeable step by step solution.

**Conclusion:** Noted and invited to bring a joint and combined contribution for the next meeting

**S2-034129** from Huawei, China Mobile, Nokia: *Correction of UE available event cancellation procedure* (on 23.271, CR 230, cat F, 6.5.0)

H-GMLC address is sent to MSC/SGSN in the Cancellation of a Deferred Location Request – UE available event.

**Discussion:** It was indicated to correct cover sheet and the latest version of TS 23.271 should be used.

**Conclusion:** Revised to S2-034278

**S2-034278** from Huawei, China Mobile, Nokia: *Correction of UE available event cancellation procedure* (on 23.271, CR 230r1, cat F, 6.5.0)

**Conclusion:** New version in S2-034057

**S2-034057** from Huawei, China Mobile, Nokia: *Correction of UE available event cancellation procedure* (on 23.271, CR 230r2, cat F, 6.5.0)

**Conclusion:** Revised to S2-034388 after the meeting

**S2-034388** from Huawei, China Mobile, Nokia: *Correction of UE available event cancellation procedure* (on 23.271, CR 230r3, cat F, 6.5.0)

**Conclusion:** Approved

**S2-034130** from Huawei, China Mobile: *H-GMLC additional handling in the change of area event LDR procedure* (on 23.271, CR 231, cat B, 6.5.0)

If the H-GMLC receives a change of area event LDR and the target area is not covered by the H-PLMN, the H-GMLC shall request the T-PLMN to convert the target area into Area Definition before the H-GMLC forwards the LDR to the V-PLMN. In addition, the H-GMLC also shall request the LCS capabilities of the T-GMLC.

When more than one T-PLMN covers the target area, the H-GMLC shall determine the addresses of all T-GMLCs in which the T-PLMN has an agreement with the H-PLMN and send this request to each T-GMLC.

**Discussion:** Nokia had strong concern that we do need this compact solution. Chairman proposed to note this now and asked Huawei and China Mobile and other interested people to work offline and reach agreement and bring it back.

**Conclusion:** Noted

## 9.9 BARS

**S2-034180** from T-Mobile: *BARS TR 23.977 v0.3.0*

**Conclusion:** Approved

**S2-034150** from Siemens: *Packet Transport Transit network between PLMNs*

This contribution addresses an editor's note in TR 23.977 and provides input to clause 4.5.

**Discussion:** There were some needs for rewording.

**Conclusion:** Revised to S2-034292

**S2-034292** from Siemens: *Packet Transport Transit network between PLMNs*

**Conclusion:** Approved

**S2-034151** from Siemens: *Comment on TR 23.977*

The following changes are proposed to TR 23.977 (version 0.3.0).

**Conclusion:** Approved

**S2-034190** from Nortel Networks: *Proposed revisions to BARS TR*

It is recommended to approve these changes to the TR and to rework section 5 to also include the TFO option in BICN. The proposed changes are shown below.

**Discussion:** Chapter 7 requirement is dropped for the moment.

**Conclusion:** Revised to S2-034293

**S2-034293** from Nortel Networks: *Proposed revisions to BARS TR*

**Conclusion:** Approved

**S2-034208** from Lucent: *Proposed changes to section 8 of TR23.977 (BARS)*

This contribution proposes new text for section 8 of TR23.977 that describes available and potential architectural solutions for achieving bandwidth efficiency on various segments of the media paths needed to support a variety of call scenarios.

**Discussion:** Chairman suggested to combine existing requirement 8.1 and editor's note on location of A-ter solution. Editor's note on signalling part and the figures should be added.

**Conclusion:** Revised to S2-034294

**S2-034294** from Lucent: *Proposed changes to section 8 of TR23.977 (BARS)*

**Conclusion:** Conditionally approved (involved parties have to check revision)

**S2-034219** from Vodafone UK: *Transcoder evolution*

Some of the text in S2-033629 was accepted for inclusion into the BARS TR (see S2-033737), while other text was deemed to require further study.

**Conclusion:** Noted

**S2-034221** from Vodafone UK: *Additional information relating to S2-034219 on Transcoder Evolution*

**Discussion:** S2 needed to make sure maintenance procedure.

**Conclusion:** Noted and invite revised contribution for the next meeting

**S2-034209** from Lucent: *Proposed changes to sections 2 and 9 of TR23.977 v030 (BARS)*

The proposal in this contribution proposes new text for section 9 of TR 23.977, which qualifies the requirements with respect to Speech Quality.

**Conclusion:** Revised to S2-034230 before presentation

**S2-034230** from Lucent Technologies, Ericsson: *Proposed changes to sections 2 and 9 of TR23.977 v030 (BARS)*

**Conclusion:** This was ready to be revised to S2-034296 but has no comments and finally approved

**S2-034298** from BARS rapporteur: *New version of the TR of BARS for information to SA plenary*

**Conclusion:** Approved

## 9.10 SES

**S2-034140** from Vodafone: *Agreed TR 23.877v0.1.0 from SA2#35*

**Conclusion:** Agreed

**S2-034141** from Vodafone: *Editorial Update TR23.877v0.1.1*

Revised to S2-034236 before the meeting

**Conclusion:** Revised to S2-034236 before presentation

**S2-034236** from Vodafone: *Editorial Update of TR 23.877 to v0.1.1*

Revision of S2-034141

**Conclusion:** The changes are reflected to S2-034322

**S2-034322** from Vodafone: *SES TR 0.1.2*

**Conclusion:** Approved



**S2-034142** from Vodafone: *SRM Definition Based on TR23.877v0.1.1*

This paper proposes a definition for SRM to be added in the current version of TR 23.877.

**Discussion:** Editorial comments

**Conclusion:** Approved

**S2-034143** from Vodafone: *Remove Charging and Roaming Sections to PS and IMS Domain Based on TR23.877v0.1.1*

This paper proposed roaming section for PS domain in Section 6; also proposed charging and roaming sections for IMS domain in section 7 based on current version TR 23.877v0.1.1.

**Conclusion:** Revised to S2-034237 before presentation

**S2-034237** from Vodafone: *Remove Charging and Roaming Sections to PS and IMS Domain Based on TR23.877v0.1.1*

Revision of S2-034143

**Discussion:** S2 asked to take an offline discussion for rewording.

**Conclusion:** Revised to S2-034323

**S2-034323** from Vodafone: *Remove Charging and Roaming Sections to PS and IMS Domain Based on TR23.877v0.1.1*

**Discussion:** It was decided to include only chapter 6.3 in the speech enabled services TR.

**Conclusion:** Partially Approved

**S2-034145** from Vodafone: *Cover Sheet for New version of TR 23.877 v0.2.0*

**Discussion:** Some rewording was needed.

**Conclusion:** Revised to S2-034324

**S2-034324** from Vodafone: *Cover Sheet for New version of TR 23.877 v0.2.0*

**Discussion:** Editorial comments

**Conclusion:** Revised to S2-034336

**S2-034336** from Vodafone: *Cover Sheet for New version of TR 23.877 v0.2.0*

**Conclusion:** Approved

**S2-034144** from Vodafone: *TR 23.877 v0.2.0*

**Conclusion:** Will be available after the meeting and checked by e-mail

## 9.11 3GPP enablers to support PoC

**S2-034234** from Ericsson: *PoC TR for the meeting*

**Conclusion:** Approved

**S2-034172** from Nokia: *Mapping of OMA PoC architecture and IMS architecture*

It is proposed to apply the following additions to TR 23.979. It is expected that the area of mapping between OMA's PoC architecture and the IMS architecture will be further explored within the scope of the TR, once the OMA architecture work reaches more stability and visibility.

**Discussion:** There were some needs for rewording.

**Conclusion:** Merged to S2-034264 together with S2-034177

**S2-034177** from ALCATEL: *PoC architecture assumptions*

This contribution introduces a new high level figure and some text under the architecture assumptions paragraph in TR 23.979.

**Discussion:** OMA agreed Alcatel document in the last meeting in London. It was decided to talk Alcatel figure here and Nokia text under the figure and the user plane should not be written.

**Conclusion:** Merged to S2-034264 together with S2-034176

**S2-034264** from Nokia: *Relation of OMA's PoC architecture and the IMS core architecture*

**Discussion:** The only comment is on the relation between GLMS and PoC server.

**Conclusion:** Approved

**S2-034227** from Ericsson: *PoC Latency/early media requirement*

It is proposed that the following changes are accepted within TR 23.979v0.1.0:

- Include a description of the PoC service and some relevant terminology in the TR in order to facilitate understanding

- Add a new section for specific PoC requirements that need further analysis within 3GPP

**Discussion:** Definition section has no problem. Particular function is an optional not requirement function. There were some comments for rewording.

**Conclusion:** Revised to S2-034265

**S2-034265** from Ericsson: *PoC Latency/early media requirement*

**Discussion:** This doc is focussed on performance and latency not service.

**Conclusion:** Revised to S2-034337

**S2-034337** from Ericsson: *PoC Latency/early media requirement*

**Conclusion:** Approved

## 9.12 Interworking aspects and migration scenarios for IPv4 based IMS implementations

**S2-034152** from Rapporteur (Alexander Milinski, Siemens): *TR 23.881, Version 0.1.0*

**Discussion:** One of the comments in the last meeting about user command was not implemented in this TR and would be implemented in the next version.

**Conclusion:** Approved conditionally

**S2-034131** from Orange: *IPv4 IPv6 IMS Interworking Scenarios*

The following text is proposed for Section 5.2 of TR 23.881 describing the possible interworking scenarios that should be considered in the technical report. This needs to be combined with existing text in 5.2.1.

**Discussion:** Siemens asked clarification on Dual stack. S2 agreed that this contribution is a good starting point and decided to find almost appropriate scenario. Chairman encouraged offline discussion.

**Conclusion:** Revised to S2-034319

**S2-034319** from Orange, Nokia: *IPv4 IPv6 IMS Interworking Scenarios*

**Discussion:** Siemens was concerned about roaming scenarios. Chairman encouraged Siemens and Orange to cooperate to complete this TR.

**Conclusion:** Approved with changes to be made by the editor in the new version of the draft TR

**S2-034338** from Orange, Nokia: *IPv4 IPv6 IMS Interworking Scenarios*

**Conclusion:** Withdrawn

**S2-034153** from Siemens: *Intermediary between UE and P-CSCF*

It is proposed to capture 2. and 3. above in TR23.881 as follows.

**Conclusion:** Approved

**S2-034176** from ALCATEL: *IMS IPv4/IPv6 migration scenarios*

This contribution introduces migration scenarios in 23.881.

**Discussion:** Section numbering should be corrected.

**Conclusion:** Approved (Section numbers to be fixed by editor)

## 9.13 WLAN (Support of Services like IMS, MMS etc over WLAN)

**S2-034196** from Samsung: *Discussion of 3G PS based services over interworking WLAN*

There have been extensive discussions about services over the interworking WLAN in scenario 3 during last SA2 meetings. The discussions were mainly about how to support SMS and MMS over the WLAN. However the current version of TS23.234 does not define which kind of 3G services shall be supported in scenario 3, especially for Release 6.

**Discussion:** After presentation of this, S2 went to S2-034197 with real suggestion.

**Conclusion:** Noted

**S2-034197** from Samsung: *3G PS based services in scenario 3*

Based on the discussion in Tdoc S2-034196, we propose the following text changes to be included in the TS23.234.

**Discussion:** S2 was hesitating to introduce this set of services in stage 2 Scenario 3. However, Samsung argued that this is the minimum set of services in scenario 3 and there is no actual requirement in Stage 1 TS but in S2 TS, section 5 is requirement section. It is our job not SA1 job and SA1 already closed their job for requirement of WLAN. It is impossible to introduce all kind of PS based serviced in Rel-6.

**Conclusion:** Revised to S2-034281



**S2-034281** from Samsung, Nokia: *3G PS based services in scenario 3*  
**Discussion:** This is just an informative annex.  
**Conclusion:** Will be discussed in WLAN session and revised to S2-034047

## 10. Drafting groups during the week

### 10.1 MBMS

**S2-033952** from MBMS Convenor: *MBMS session report*  
**Discussion:** All the documents presented for approval in plenary were approved.  
**Conclusion:** Revised to S2-034350

**S2-034350** from MBMS Convenor: *MBMS session report*  
**Conclusion:** Approved

**S2-033953** from Huawei: *Clarification of MBMS Multicast Service Deactivation Procedure* (on 23.246, CR 024, cat F, 6.0.0)  
**Conclusion:** NOT AGREED

**S2-033954** from Huawei: *Charging elements in MBMS UE Context* (on 23.246, CR 025, cat B, 6.0.0)  
**Conclusion:** NOT AGREED

**S2-033955** from Samsung: *Clarification on MBMS deactivation figure* (on 23.246, CR 026, cat D, 6.0.0)  
**Discussion:** AGREED in principle – need overlap  
**Conclusion:** Merged in S2-033985

**S2-033985** from Samsung, Huawei, Siemens: *Clarification on MBMS deactivation figure* (on 23.246, CR 026r1, cat D, 6.0.0)  
Revision of S2-033955, S2-033963 and S2-033953  
**Conclusion:** Revised in S2-033998

**S2-033998** from Samsung, Huawei, Siemens: *Clarification on MBMS deactivation figure* (on 23.246, CR 026r2, cat D, 6.0.0)  
Revision of S2-033985  
**Conclusion:** Approved in plenary

**S2-033956** from Samsung, Nortel Networks, Alcatel: *MBMS Service Request Procedure* (on 23.246, CR 027, cat B, 6.0.0)  
**Conclusion:** Revised in S2-033983

**S2-033983** from Samsung, Nortel Networks, Alcatel: *MBMS Service Request Procedure* (on 23.246, CR 027r1, cat B, 6.0.0)  
Revision of S2-033956  
**Conclusion:** Revised in S2-033997

**S2-033997** from Nortel: *MBMS Service Request Procedure* (on 23.246, CR 027r2, cat B, 6.0.0)  
Revision of S2-033983  
**Conclusion:** Approved in plenary

**S2-033957** from Nortel Networks: *MBMS architecture description for GERAN Gb*  
**Conclusion:** Noted

**S2-033958** from Bamboo MediaCasting Ltd.: *Removal of BG from MBMS Architecture Figure* (on 23.246, CR , cat C, 6.0.0)  
**Conclusion:** Revised in S2-033984

**S2-033984** from Bamboo MediaCasting Ltd.: *Removal of BG from MBMS Architecture Figure* (on 23.246, CR 028, cat F, 6.0.0)  
Revision of S2-033958  
**Conclusion:** Approved in plenary

**S2-033959** from Siemens: *Corrections for TMGI, linked NSAPI and service ID* (on 23.246, CR 020, cat F, 6.0.0)  
**Conclusion:** AGREED – NEED overlap check S2-033987

**S2-033987** from Siemens: *Corrections for TMGI, linked NSAPI and service ID* (on 23.246, CR 020r1, cat F, 6.0.0)  
Revision of S2-033959

**Conclusion:** Revised in S2-034311

**S2-034311** from Siemens: *Corrections for TMGI, linked NSAPI and service ID* (on 23.246, CR 020r1, cat F, 6.0.0)  
Revision of S2-033987

**Conclusion:** Revised to S2-034379 after the meeting as revision number is wrong

**S2-034379** from Siemens: *Corrections for TMGI, linked NSAPI and service ID* (on 23.246, CR 020r2, cat F, 6.0.0)

**Conclusion:** Approved

**S2-033960** from Siemens: *Removal of superfluous procedures* (on 23.246, CR 021, cat F, 6.0.0)

**Conclusion:** AGREED – Need overlap S2-033981

**S2-033961** from Siemens: *Verification of UE bearer capabilities*

**Conclusion:** Revised in S2-033981

**S2-033981** from Siemens: *Verification of UE bearer capabilities*

Revision of S2-033961

**Conclusion:** Revised in S2-034310

**S2-034310** from Siemens: *Verification of UE bearer capabilities* (on 23.246, CR 022r2, cat B, 6.0.0)

Revision of S2-033981

**Conclusion:** Approved in plenary

**S2-033962** from Siemens: *Various corrections and clarifications* (on 23.246, CR 023, cat F, 6.0.0)

**Conclusion:** Approved in plenary

**S2-033963** from Siemens: *Implicit MBMS bearer deactivation at detach* (on 23.246, CR 029, cat F, 6.0.0)

**Conclusion:** Revised and combined in S2-033985

**S2-033964** from Vodafone UK: *MBMS paging coordination* (on 23.246, CR 012r1, cat C, 6.0.0)

**Conclusion:** Turned into an LS in S2-033992

**S2-033992** from SA2: *[DRAFT] LS on paging coordination for MBMS and other services*

LS based on S2-033964

**Conclusion:** Revised in S2-034313

**S2-034313** from SA2: *[DRAFT] LS on paging coordination for MBMS and other services*

[DRAFT] LS on paging coordination for MBMS and other services

**Conclusion:** Revised to S2-034376

**S2-034376** from SA2: *LS on paging coordination for MBMS and other services*

**Conclusion:** Approved

**S2-033965** from Vodafone UK: *UE classmark information to the BMSC* (on 23.246, CR 014r1, cat C, 6.0.0)

**Discussion:** It seems a good idea to somehow show interaction between application and bearer level. It is understood that there will also be application level checking. It is probably a good idea to show this in chapter 7. contributions invited.

**Conclusion:** Noted

**S2-033966** from Vodafone UK: *MBMS point to point repair/charging/decrypt service* (on 23.246, CR 015r1, cat B, 6.0.0)

**Conclusion:** Revised in S2-033994

**S2-033994** from Vodafone: *MBMS point to point repair/charging/decrypt service* (on 23.246, CR 015r2, cat B, 6.0.0)

Revision of S2-033966

**Conclusion:** Revised in S2-034312

**S2-034312** from Vodafone: *MBMS point to point repair/charging/decrypt service* (on 23.246, CR 015r3, cat B, 6.0.0)

Revision of S2-033994

**Conclusion:** Approved in plenary

**S2-033967** from MBMS session chairman: *MBMS agenda*

**Conclusion:** Approved

**S2-033968** from Huawei: *Clarification of MBMS UE Context* (on 23.246, CR 007r1, cat F, 6.0.0)

**Conclusion:** Noted

**S2-033969** from Motorola: *Apply TMGI for Broadcast Service* (on 23.246, CR 008r1, cat C, 6.0.0)

Re submission of S2-033406

**Conclusion:** Approved in plenary

**S2-033970** from 3: *Removal of security information in TS 23.246* (on 23.246, CR 024r1, cat F, 6.0.0)

MBMS Security Re submission of S2-033402

**Conclusion:** Revised in S2-033988

**S2-033988** from 3: *Removal of security information in TS 23.246* (on 23.246, CR 024r2, cat F, 6.0.0)

Revision of S2-033970

**Conclusion:** Revised to S2-034381 after the meeting

**S2-034381** from 3: *Removal of security information in TS 23.246* (on 23.246, CR 030, cat F, 6.0.0)

Revision of S2-033988

**Conclusion:** Approved

**S2-033971** from Siemens: *GERAN MBMS bearer discussion*

GERAN/MBMS bearer discussion

**Discussion:** Need GERAN to inform us of any decisions they will make on radio efficiency.

**Conclusion:** Late and Noted

**S2-033972** from Nortel: *User Service Architecture*

Postponed S2-033392

**Conclusion:** Noted

**S2-033973** from Orange: *Inclusion of GERAN attributes and parameters in MBMS* (on 23.246, CR 001r2, cat C, 6.0.0)

Re submission from Bangkok

**Conclusion:** Revised in S2-033989

**S2-033989** from Orange: *Inclusion of GERAN attributes and parameters in MBMS* (on 23.246, CR 001r3, cat C, 6.0.0)

Revision of S2-033973

**Conclusion:** Revised in S2-034314

**S2-034314** from Orange: *Inclusion of GERAN attributes and parameters in MBMS* (on 23.246, CR 001r4, cat C, 6.0.0)

Revision of S2-033989

**Conclusion:** Revised to S2-034382 after the meeting

**S2-034382** from Orange: *Inclusion of GERAN attributes and parameters in MBMS* (on 23.246, CR 001r5, cat C, 6.0.0)

Revision of S2-034314

**Conclusion:** Approved

**S2-033974** from Orange: *Inclusion of GERAN functionality in MBMS Notification procedure* (on 23.246, CR 002r2, cat C, 6.0.0)

Re submission from Bangkok

**Conclusion:** Revised in S2-033990

**S2-033990** from Orange: *Inclusion of GERAN functionality in MBMS Notification procedure and session ID* (on 23.246, CR 002r3, cat C, 6.0.0)

Revision of S2-033974 + minor change in section 8.1 of S2-033959

**Conclusion:** Revised in S2-034315

**S2-034315** from Orange: *Inclusion of GERAN functionality in MBMS Notification procedure and session ID* (on 23.246, CR 002r4, cat C, 6.0.0)

Revision of S2-033990

**Conclusion:** Approved in plenary

**S2-033975** from Orange: *Inclusion of GERAN functionality in MBMS procedures* (on 23.246, CR 003r2, cat C, 6.0.0)  
Re submission from Bangkok

**Conclusion:** Revised in S2-033991

**S2-033991** from Orange: *Inclusion of GERAN functionality in MBMS procedures* (on 23.246, CR 003r3, cat C, 6.0.0)  
Revision of S2-033975

**Conclusion:** Revised in S2-034316

**S2-034316** from Orange: *Inclusion of GERAN functionality in MBMS procedures* (on 23.246, CR 003r4, cat C, 6.0.0)  
Revision of S2-033991

**Conclusion:** Approved in plenary

**S2-033978** from AWS: *Reply LS on “MBMS Volume/Time Based Charging (S1-031077 / S2-033169)”*

Ls response to S2-033920

**Conclusion:** NOT AGREED

**S2-033979** from Huawei: *GGSN Initiated the MBMS Multicast Service Deactivation* (on 23.246, CR 006r1, cat B, 6.0.0)

Re submission from Bangkok

**Conclusion:** Merged with S2-033986

**S2-033986** from Siemens, Huawei, Orange: *Clarification of MBMS UE Context plus GERAN functionality* (on 23.246, CR 007r3, cat C, 6.0.0)  
Drafting for 6.1

**Conclusion:** Revised in S2-034309

**S2-033980** from Huawei: *Clarification of MBMS UE Context* (on 23.246, CR 007r2, cat F, 6.0.0)

Re submission from Bangkok

**Conclusion:** Merged into S2-034309

**S2-033982** from Nortel: *Optional provision of duration of the session* (on 23.246, CR 016r1, cat B, 6.0.0)

On expected duration

**Conclusion:** Revised in S2-033996

**S2-033996** from Nortel: *Optional provision of duration of the session* (on 23.246, CR 016r2, cat B, 6.0.0)

Revision of S2-033982

**Conclusion:** Approved in plenary

**S2-033993** from Vodafone: *MBMS paging coordination* (on 23.246, CR 012r2, cat C, 6.0.0)

New CR on S2-033964

**Conclusion:** Draft CR is agreed to be attached to LS. Draft CR not agreed at this point in time

**S2-033995** from Siemens: *Removal of superfluous procedures* (on 23.246, CR 021r1, cat F, 6.0.0)

Revision of S2-033960

**Conclusion:** Approved in plenary

**S2-034309** from Siemens, Huawei, Orange: *Clarification of MBMS UE Context plus GERAN functionality* (on 23.246, CR 007r3, cat C, 6.0.0)

Revision of S2-033986

**Conclusion:** Revised to S2-034378 after the meeting though it is approved in the plenary as the revision number is incorrect.

**S2-034378** from Siemens, Huawei, Orange: *Clarification of MBMS UE Context plus GERAN functionality* (on 23.246, CR 007r4, cat C, 6.0.0)  
Revision of S2-033986

**Conclusion:** Approved

## 10.2 WLAN (IP connectivity + contributions from 9.13 that are not handled in plenary)

**S2-033999** from WLAN convenor: *WLAN session report*

**Discussion:** Tdoc list had some errors and this report was revised to S2-034349. Some companies had an objection to send WLAN TS to SA plenary for approval and instead of that, it was suggested to send an LS to SA plenary explaining the status of SA2 work on WLAN and asking the final decision. The LS is S2-034348. S2-033431, S2-034000, S2-034013, S2-034016, S2-034018, S2-034020, S2-034023, S2-034025, S2-034032, S2-034035, S2-034037, S2-034046 and S2-034047 were approved but Orange had an objection for S2-034016 and S2 can discuss S2-034016 more in the future. S2-034043 was revised to S2-034347.

**Conclusion:** Revised to S2-034349 and outgoing LS will be handled in January meeting

**S2-034349** from WLAN session chairman: *WLAN session report*

**Conclusion:** Approved

**S2-034348** from SA2: *Draft LS to SA on further proceeding on approval of TS 23.234 on 3GPP-WLAN Interworking*

**Discussion:** It was requested to attach TS 23.234 and cover sheet of TS. Some rewording was needed.

**Conclusion:** Revised to S2-034366

**S2-034366** from SA2: *LS to SA on further proceeding on approval of TS 23.234 on 3GPP-WLAN Interworking*

**Conclusion:** Approved

**S2-034040** from Nortel Networks: *[DRAFT] TS 23.234 Cover Sheet for SA#22*

**Discussion:** It was requested to remove PSS in the last sentence.

**Conclusion:** Approved

**S2-034356** from Nortel Networks: *TS 23.234 Cover Sheet for SA#22*

**Conclusion:** Approved

**S2-034357** from WLAN rapporteur: *23.234 v.2.3.0*

**Conclusion:** Will be reviewed via e-mail until next Thursday

**S2-034036** from SA2: *Draft LS to GSMA WLAN TF to clarify requirements for I-WLAN*

**Discussion:** Per user charging requirement should be handled in stage 2 and SSID part should be more clarified in this LS.

**Conclusion:** Revised to S2-034365

**S2-034365** from SA2: *Draft LS to GSMA WLAN TF to clarify requirements for I-WLAN*

**Discussion:** Rewording on SSID part was requested.

**Conclusion:** Revised to S2-034374

**S2-034374** from SA2: *LS to GSMA WLAN TF to clarify requirements for I-WLAN*

**Conclusion:** Approved

**S2-034002** from Huawei, China Mobile: *W-APN resolution analysis and principles*

**Conclusion:** Discussed. Input to S2-034031

**S2-034043** from Nortel Networks, Nokia, Siemens, Huawei, Orange, AWS, Ericsson: *Simple W-APN resolution*

**Conclusion:** Agreed in WLAN session but revised to S2-034347 in plenary

**S2-034347** from Nortel Networks, Nokia, Siemens, Huawei, Orange, AWS, Ericsson : *Simple W-APN resolution*

**Conclusion:** Approved

**S2-034000** from Orange, AWS, Samsung: *IP Protocol Stack for WLAN Interworking*

**Conclusion:** Agreed with a change. (See detailed minutes in S2-034349)

**S2-034001** from Orange: *TS 23.234 v2.2.0*

**Conclusion:** Noted

**S2-034003** from Huawei, China Mobile: *W-APN resolution procedures*

**Conclusion:** Postponed

**S2-034004** from Huawei, China Mobile: *W-APN resolution architecture*

**Conclusion:** Withdrawn

**S2-034005** from Huawei, China Mobile: *Clarification of service authentication and authorization*

**Conclusion:** Revised to S2-034034

**S2-034034** from Huawei, China Mobile, ...: *Clarification of service authentication and authorization*  
**Conclusion:** Revised to S2-034046

**S2-034046** from Huawei, China Mobile, ...: *Clarification of service authentication and authorization*  
**Conclusion:** Agreed

**S2-034006** from Huawei, China Mobile: *Filtering function on the WAG*  
**Conclusion:** Revised to S2-034032

**S2-034032** from Huawei, China Mobile...: *Filtering functionality on WAG.*  
**Conclusion:** Agreed with one change (see detailed minutes in S2-034349)

**S2-034007** from Huawei, China Mobile: *Analysis on mechanisms assisting PLMN selection*  
**Conclusion:** Withdrawn

**S2-034008** from Huawei, China Mobile: *Clarification of Ws, Wc reference points*  
**Conclusion:** Noted (changes equal to those proposed by S2-034023 are implicitly agreed)

**S2-034009** from AWS: *AAA Protocols*  
**Conclusion:** Revised to S2-034037

**S2-034037** from rapporteur: *TS 23.234 2.2.0*  
**Conclusion:** Agreed

**S2-034010** from Ericsson, T-mobile, Samsung, Azaire: *WLAN Interworking using Gn reference point*  
**Conclusion:** Revised to S2-034033

**S2-034011** from Ericsson, T-mobile, Samsung, Azaire: *Proposal on Gn reference point*  
**Conclusion:** Revised to S2-034033

**S2-034012** from Ericsson, T-mobile, Samsung, Azaire: *Discussion of Gn reference point*  
**Conclusion:** Revised to S2-034033

**S2-034033** from Ericsson, T-Mobile, Samsung, Azaire: *Gn' reference point annex*  
**Conclusion:** Revised to S2-034045

**S2-034045** from SA2: *LS to CN4 on Gn interface*  
**Conclusion:** Withdrawn

**S2-034013** from Ericsson: *Correction in authentication info retrieval messages*  
**Conclusion:** Agreed with a modification. (see detailed minutes in S2-034349)

**S2-034014** from HP: *Summary of E-mail Discussion on E2E Tunnelling and Scenario 4/5*  
**Conclusion:** Noted. Conclusions endorsed.

**S2-034015** from HP: *Alternate IP Routing*  
**Conclusion:** Noted

**S2-034016** from Nortel Networks: *Removal of Special SSID values*  
**Conclusion:** Agreed

**S2-034017** from Nortel Networks, Nokia, Siemens: *Simple W-APN resolution proposal*  
**Conclusion:** Revised to S2-034031

**S2-034031** from Nortel Networks, Nokia, Siemens, Huawei, Orange, AWS, Ericsson: *Simple W-APN resolution*  
**Conclusion:** Revised to S2-034043

**S2-034018** from Nortel Networks: *Clarification of the behaviour of 3GPP AAA Server for D'/Gr' reference points*  
**Conclusion:** Agreed with one modification. (see detailed minutes in S2-034349)

**S2-034019** from Nortel Networks: *End-to-end tunnelling and MobileIP for Scenarios 4/5*



**Conclusion:** Noted

**S2-034020** from Samsung: *Routing enforcement in scenario 3*

**Conclusion:** Agreed with some changes. (See detailed minutes in S2-034349)

**S2-034021** from Samsung: *Requirement of Tunneling in scenario 3*

**Conclusion:** Revised to S2-034042

**S2-034042** from Samsung: *Requirement of Tunneling in scenario 3*

**Conclusion:** Agreed

**S2-034023** from Lucent: *Clarification that Ws and Wc can be used in Scenario 2 (Postponed from SA2#35)*

**Conclusion:** Agreed

**S2-034024** from Lucent: *Separation of Wr and Wb and Ws and Wc in Reference Model diagrams (Postponed from SA2#35)*

**Conclusion:** Noted. Trigger an email discussion

**S2-034025** from TeliaSonera: *WLAN with IP Flow based bearer level charging*

**Conclusion:** Agreed with one modification (see detailed minutes in S2-034349)

**S2-034026** from TeliaSonera: *Per user charging function allocations*

**Conclusion:** Changes needed. Revised to S2-034035

**S2-034035** from TeliaSonera: *Per user charging function allocations*

**Conclusion:** Agreed

**S2-034027** from ALCATEL: *W-APN Resolution Gateway Location*

**Conclusion:** Noted

**S2-034028** from Telenor: *Agenda and Tdoc allocation*

**Conclusion:** Agreed

**S2-034029** from T-Mobile on behalf on the SA5 Chairman: *Statement from SA5 Chairman on Charging Architecture*

**Conclusion:** Noted

**S2-034030** from SA2: *Draft Reply LS on WLAN requirements*

**Conclusion:** Revised to S2-034048

**S2-034048** from SA2: *Draft Reply LS on WLAN requirements*

**Conclusion:** Not approved via e-mail approval

**S2-034038** from Lucent Technologies: *Clarification of Network Selection text*

**Conclusion:** Revised to S2-034041

**S2-034041** from Lucent: *Clarification of Network Selection text*

**Conclusion:** Agreed

**S2-034039** from WLAN Taskforce, GSM Association: *GSM Association requirements for I-WLAN scenario 3*

**Conclusion:** Noted

**S2-034044** from SA2: *[DRAFT] Questions on re-authentication for end-to-end tunnel establishment*

**Conclusion:** Revised to S2-034384 via e-mail approval

**S2-034384** from SA2: *Questions on re-authentication for end-to-end tunnel establishment*

**Conclusion:** Approved via e-mail approval after the meeting

**S2-034047** from Samsung, Nokia: *3G PS based services in scenario 3*

**Conclusion:** Agreed

### 10.3 LCS (Contributions from 8.3 and 9.8 that are not handled in plenary)

**S2-034049** from LCS convenor: *LCS session report*

**Discussion:** The following documents were approved in the plenary at Friday.

**S2-034055** Additional privacy check in def. location request cancellation procedure, 213r3, F, Huawei  
(Note that S2-034055 replaces S2-033468 that was agreed in SA2#35)

**S2-034056** Charging alignment for LCS, 234r1, F, Nokia

**S2-034057** Correction of UE available event cancell. proc., 230r1, F, Huawei, China Mobile, Nokia

**S2-034154** Clarification of the format of V-GMLC address, 232, F, Ericsson

**S2-034155** Correction to the way that PPR handles the pseudo external Ids, during the LCS authorization process, when the visited MSC/SGSN is pre Rel-6, 233, F, Ericsson

**S2-034169** Cell ID and SAI, 226r3, B, Nokia, Nortel Networks, Siemens  
(Note that S2-034169 replaces S2-033801 that was agreed in SA2#35)

**S2-034276** Enhanced LDR reference number in R5, 228r1, F, Huawei, China Mobile

**S2-034277** Enhanced LDR reference number in R6, 229r1, F, Huawei, China Mobile  
Revised to S2-034353 and Approved

Jan will work after the meeting to check CR duplication.

**Conclusion:** Revised to S2-034354

**S2-034354** from LCS convenor: *LCS session report*

**Discussion:** Correct participants list was updated in this revision.

**Conclusion:** Approved

**S2-034060** from SA2: *Draft LS to report the status of location services standardisation in 3GPP SA2*

**Discussion:** Editorial comments

**Conclusion:** Revised to S2-034361

**S2-034361** from SA2: *LS to report the status of location services standardisation in 3GPP SA2*

**Conclusion:** Approved

**S2-034050** from LCS drafting session chair: *Proposed AGENDA for the LCS drafting session in SA2#36 25<sup>th</sup> and 27<sup>th</sup> November 2003 and proposed allocation of LCS tdocs to agenda items*  
**Conclusion:** New version in S2-034052

**S2-034052** from LCS drafting session chair: *LCS tdoc list for SA2 #36*

**Conclusion:** For information

**S2-034051** from LCS drafting session chair: *Agreed AGENDA for the LCS drafting session in SA2#36 25<sup>th</sup> and 27<sup>th</sup> November 2003 and proposed allocation of LCS tdocs to agenda items*  
**Conclusion:** Agreed

**S2-034053** from SA2: *Draft Reply to OCG EMTEL EM05td018r1*

**Conclusion:** New version in S2-034058

**S2-034058** from SA2: *Draft Reply to OCG EMTEL EM05td018r1*

**Conclusion:** Revised to S2-034359

**S2-034359** from SA2: *Reply to OCG EMTEL EM05td018r1*

**Conclusion:** Approved

**S2-034054** from SA2: *Draft LS to ETSI TISPAN on E112 Requirements*

**Conclusion:** New version in S2-034059

**S2-034059** from SA2: *Draft LS to ETSI TISPAN on E112 Requirements*

**Discussion:** Some impact on OMA work so Cc OMA. Joint meeting may be the quickest way.



**Conclusion:** Revised to S2-034360

**S2-034360** from SA2: *LS to ETSI TISPAN on E112 Requirements*

**Conclusion:** Approved

**S2-034134** from Huawei: *Correction of previous approved CR (on 23.271, CR 213r2, cat F, 6.5.0)*

1. In the clause 9.1.9.1, the second step 3 is deleted.
2. In the figure 9.8, step 7, the name of the message in the figure is changed to “Location information”

**Conclusion:** New version in S2-034055

**S2-034055** from Huawei, China Mobile: *Additional privacy check in deferred location request cancellation procedure (on 23.271, CR 213r3, cat F, 6.5.0)*

**Conclusion:** Revised to S2-034390 after the meeting

**S2-034390** from Huawei, China Mobile: *Additional privacy check in deferred location request cancellation procedure (on 23.271, CR 213r4, cat F, 6.5.0)*

**Conclusion:** Approved

**S2-034154** from Ericsson: *Clarification of the format of V-GMLC address (on 23.271, CR 232, cat F, 6.5.0)*

Clauses 6.3.5 and 6.3.7 are modified in order to indicate that the IP address of V-GMLC is transferred towards HLR/HSS via the MAP UPDATE LOCATION and the MAP UPDATE GPRS LOCATION messages.

**Conclusion:** Approved

**S2-034155** from Ericsson: *Correction to the way that PPR handles the pseudo external Ids, during the LCS authorization process, when the visited MSC/SGSN is pre Rel-6 (on 23.271, CR 233, cat F, 6.5.0)*

In the last paragraph of clause 9.1.1, it should be stated that PPR shall “select” a pseudo external ID, instead of “convert” the LCS client ID into a pseudo external ID.

**Conclusion:** Approved

**S2-034169** from Nokia, Nortel Networks, Siemens: *Cell ID and SAI (on 23.271, CR 226r3, cat B, 6.5.0)*

Added the option for emergency calls to allow MSC, SGSN and GMLC to forward the serving cell id or SAI with the location information.

**Conclusion:** Agreed. Note that S2-034169 replaces S2-033801.

**S2-034170** from Nokia: *Charging and billing alignment for LCS (on 23.271, CR 234, cat F, 6.5.0)*

Text is added that that R-GMLC, H-GMLC and V-GMLC and SGSN/MSC may record billing information when location information has been delivered. Billing information may also be recorded for an accepted deferred location request.

**Conclusion:** New version in S2-034056

**S2-034056** from Nokia: *Charging alignment for LCS (on 23.271, CR 234r1, cat F, 6.5.0)*

**Conclusion:** Agreed

**S2-034200** from Siemens: *A new interface between GMLC and GIS (on 23.271, CR 222r1, cat B, 6.5.0)*

The GIS (Geographic Information System) is introduced as a new functional element. A GIS is an entity responsible to transform the location estimate as defined in TS 23.032 or in a local coordinate system into an advanced geographic description (AGD).

The GIS may be a standalone network entity or the GIS functionality may be integrated in the GMLC.

To provide a standalone GIS service, a new Lgi interface is added to the LCS architecture and the GIS definitions and corresponding procedures are described. In addition, messages between the GMLC and GIS are added, which describe how to get the advanced geographic description from the GIS.

**Conclusion:** Not agreed

**S2-034231** from Lucent: *Emergency PDP Attach to trigger PS NI Location (on 23.271, CR 235, cat F, 6.5.0)*

Replaces S2-033363

**Conclusion:** Noted

**S2-034232** from Lucent: *Impact of E112 Requirements on TS23.271*

This contribution discusses some of the issues regarding the implementation of E112 emergency call support, and the impact of these issues on the stage 2 requirements for location services.

**Conclusion:** Noted. Response LSs in S2-034053 and S2-034054

## 10.4 IP-flow-based Bearer Charging

**S2-034080** from Vodafone UK: *Completion of list of SGSN charging information needed by GGSN*

**Discussion:** Several vendors had some doubts on the inclusion of CAMEL information in the CDR. Chairman encouraged to take an offline discussion.

**Conclusion:** Revised to S2-034262 in plenary

**S2-034262** from Vodafone UK: *Completion of list of SGSN charging information needed by GGSN*

**Conclusion:** Approved in plenary

**S2-034081** from Vodafone UK: *Provision of S-CDR information to the GGSN (on 23.060, CR 481, cat C, 6.2.0)*

**Discussion:** S2 noted this CR and decided to continue discussion of this issue in the overall architectural TR and can be come back on this in the next meeting.

**Conclusion:** Noted in plenary

**S2-034063** from IP Charging convenor: *IP Charging session report*

**Discussion:** The only change in this report is that 'S2-0303S2-034267' should be corrected to 'S2-034267'.

Approved documents:

S2-034078 and S2-034268 were approved.

[S2-034097](#) (Revised from [S2-034076](#)): First sentence should be revised for clarification. S2-034097 was revised to S2-034342.

[S2-034098](#) (Revised from [S2-034077](#)): This document was controversial. Nortel asked why editor's note was deleted. The last three words needed more clarifications. Some rewording was needed. Revised to S2-034343

[S2-034099](#) (Revised from [S2-034133](#)): Approved

[S2-034100](#) (Revised from [S2-034066](#)): There were some terminology comments. Revised to S2-034344

[S2-034102](#) (Revised from [S2-034067](#)): It was suggested to remove the sentence under the bullet item for more clarification. Revised to S2-034345

[S2-034266](#) (Revised from [S2-034068](#)): Approved

[S2-034269](#) (Revised from [S2-034064](#)): This revision had a lot of changes in text and was revised to S2-034346 and sent for e-mail approval.

TR will go to March SA plenary for approval.

**Conclusion:** Approved

**S2-034064** from Ericsson: *Message Flows*

**Conclusion:** Revised to S2-034269

**S2-034267** from SA2: *[DRAFT] Further development of TR 23.825, IP Flow Based Charging*

**Discussion:** Rewording was needed. SA5 and SA2 responsibilities should be more clarified.

**Conclusion:** Revised to S2-034373

**S2-034373** from SA2: *Further development of TR 23.825, IP Flow Based Charging*

**Conclusion:** Approved

**S2-034269** from Ericsson: *Message Flows*

**Conclusion:** Revised to S2-034346 and will be handled in e-mail approval

**S2-034346** from Ericsson: *Message Flows*

**Conclusion:** Revised to S2-034386 via e-mail approval after the meeting

**S2-034386** from Ericsson: *Message Flows*

**Conclusion:** Approved via e-mail approval after the meeting

**S2-034065** from Nokia: *Continuation and further developments of flow-based charging capabilities*

**Conclusion:** Noted

**S2-034066** from ALCATEL: *GPRS level charging and IP flow level charging*  
**Conclusion:** Revised to S2-034100

**S2-034100** from Alcatel: *GPRS level charging and IP flow level charging*  
**Conclusion:** Not presented in charging session and revised to S2-034344 in plenary

**S2-034344** from Alcatel: *GPRS level charging and IP flow level charging*  
**Conclusion:** Approved

**S2-034067** from ALCATEL: *Clarification of the termination action*  
**Conclusion:** Revised to S2-034102

**S2-034102** from Alcatel: *Clarification of the termination action*  
**Conclusion:** Not presented in charging session and revised to S2-034345 in plenary

**S2-034345** from Alcatel: *Clarification of the termination action*  
**Conclusion:** Approved

**S2-034068** from ALCATEL: *Charging models*  
**Conclusion:** Revised to S2-034266

**S2-034266** from Alcatel: *Charging models*  
**Conclusion:** Approved in plenary

**S2-034069** from ALCATEL: *Charging rules*  
**Conclusion:** Revised to S2-034078, and agreed

**S2-034078** from Alcatel: *charging rules*  
**Conclusion:** Agreed (without presentation)

**S2-034070** from ALCATEL: *Charging rule request*  
**Conclusion:** Not Accepted

**S2-034072** from Ericsson: *Charging key*  
**Conclusion:** Revised to S2-034268 and agreed

**S2-034268** from Ericsson: *Charging key*  
**Conclusion:** Approved

**S2-034073** from Ericsson: *Credit management*  
**Conclusion:** Noted

**S2-034074** from TeliaSonera: *List of protocols subject to filtering*  
**Conclusion:** Revised to S2-034082 before meeting

**S2-034082** from TeliaSonera: *List of protocols subject to filtering*  
**Conclusion:** Noted

**S2-034075** from Siemens: *Rx/Gx functions for services using SBLP*  
**Conclusion:** Noted

**S2-034076** from Siemens: *Determination of charging rules*  
**Conclusion:** Revised to S2-034097

**S2-034097** from Siemens: *Determination of charging rules*  
**Conclusion:** Not presented in charging session and revised to S2-034342 in plenary

**S2-034342** from siemens: *Determination of charging rules*  
**Conclusion:** Approved

**S2-034077** from Siemens: *Application of charging rules*  
**Conclusion:** Revised to S2-034098

**S2-034098** from Siemens: *Application of charging rules*

**Conclusion:** Not presented in charging session and revised to S2-034343 in plenary

**S2-034343** from Siemens: *Application of charging rules*

**Conclusion:** Approved

**S2-034079** from Vodafone UK: *Filtering for SIP*

**Conclusion:** Noted

**S2-034132** from Ericsson: *Distribution of TR to Specifications*

**Conclusion:** Noted

**S2-034133** from Ericsson: *Application of Static Rules*

**Conclusion:** Revised to S2-034099

**S2-034099** from Ericsson: *Application of Static Rules*

**Conclusion:** Approved

**S2-034279** from Nortel: *TPF at GGSN for GPRS*

**Conclusion:** Postponed to the next meeting

**S2-034280** from Nortel: *OCS triggers for charging rule changes*

**Conclusion:** Postponed to the next meeting

## 10.5 Gq/Policy Control Evolution

There was no parallel session for Gq/Policy control evolution as the number of documents submitted for this work item was only two.

**S2-034084** from Nokia: *Gq-related updates to the signaling flows (on 23.207, CR 065, cat B, 6.0.0)*

**Discussion:** Those changed made in the last meeting should be involved in this CR.

Chairman encouraged to take an offline discussion with Nokia.

**Conclusion:** Revised to S2-034263

**S2-034263** from Nokia: *Gq-related updates to the signaling flows (on 23.207, CR 065r1, cat B, 6.0.0)*

**Discussion:** Editorial changes were needed.

**Conclusion:** Revised to S2-034339

**S2-034339** from Nokia: *Gq-related updates to the signaling flows (on 23.207, CR 065r2, cat B, 6.0.0)*

**Conclusion:** Approved

**S2-034085** from Nortel Networks: *TR 23.917 v.1.1.2*

**Conclusion:** Approved

## 10.6 Network Sharing

**S2-034103** from Convenor: *Network Sharing session report*

**Discussion:** S2-034119, S2-034120, S2-034121 and S2-034122 were approved.

**Conclusion:** Approved

**S2-034104** from Nokia: *PLMN and Core Network operator selection*

**Conclusion:** Revised to S2-034117

**S2-034117** from nokia: *PLMN and Core Network operator selections*

**Conclusion:** Revised to S2-034121

**S2-034121** from Nokia, Siemens, TeliaSonera: *PLMN and Core Network operator selections*

**Conclusion:** Approved in the plenary

**S2-034105** from Nokia: *Comments on tdoc [S2-033669](#) GS interface usage*  
**Conclusion:** Noted

**S2-034106** from Siemens: *Gs interface usage*  
**Conclusion:** Revised to S2-034119

**S2-034119** from Siemens: *Gs interface usage*  
**Conclusion:** Approved in the plenary

**S2-034107** from Siemens: *Redirecting UEs between CN nodes*  
**Conclusion:** Revised to S2-034120

**S2-034120** from Siemens: *Redirecting UEs between CN nodes*  
**Conclusion:** Approved in the plenary

**S2-034108** from Siemens: *Selection of shared networks*  
**Conclusion:** Merged the updated version with S2-034121

**S2-034109** from Siemens: *Connected Mode CN Selection*  
**Conclusion:** Revised to S2-034122

**S2-034122** from Siemens: *Connected Mode CN Selection*  
**Conclusion:** Approved in the plenary

**S2-034110** from TeliaSonera  
(rapporteur): *TR23.851 v1.1.0*  
**Conclusion:** Approved

**S2-034111** from TeliaSonera: *Clarification on the need for a new Network Selection Solution*  
**Conclusion:** Noted

**S2-034112** from TeliaSonera: *Evaluation of Connected Mode Solution*  
**Conclusion:** Revised to S2-034121

**S2-034113** from TeliaSonera: *Broadcast Channel Solution Updates*  
**Conclusion:** Revised to S2-034121

**S2-034114** from TeliaSonera: *Proposed conclusion concerning network selection solution*  
**Conclusion:** Postponed to the next meeting due to lack of time

**S2-034115** from TeliaSonera: *PLMN selection*  
**Conclusion:** Postponed to the next meeting due to lack of time

**S2-034116** from Network Sharing Drafting Session Chairman: *Proposed agenda for the Network Sharing Drafting Session*  
**Conclusion:** Approved

**S2-034118** from Session chairman: *Approved agenda*  
**Conclusion:** Approved

## 11. Project planning & management

### 11.1 New and revised work items

**S2-034297** from BARS rapporteur: *New updated WID of BARS*  
**Conclusion:** Approved

### 11.2 Review of the 3GPP Work Plan

**S2-034123** from MCC: *SA2 work plan (before meeting)*  
**Conclusion:** Noted

**S2-034352** from MCC: *Proposed SA2 work plan*

**Discussion:** BARS will be completed in June 2004.

**Conclusion:** Revised to S2-034355

**S2-034355** from MCC: *Proposed SA2 work plan*

**Conclusion:** Agreed

**S2-034351** from SA2: *Draft LS on SA2 updates of the Work Plan*

**Discussion:** Ls to CN, RAN, SA by S2 chairman for SA2 work plan changed. Cc T plenary was needed.

**Conclusion:** Revised to S2-034367

**S2-034367** from SA2: *LS on SA2 updates of the Work Plan*

**Conclusion:** Approved

## 12. Closing of the meeting

Chairman thanked North American Friends of 3GPP for the hosting of this meeting and delegates for their hard working. The meeting closed at 3:15 PM, Friday.

## Annex A. Final tdoc list

Ag. Item	Tdoc #	Source	Title	Spec	CR #	c a t	Version in	RE L	WI	Conclusion
03	<a href="#">S2-033900</a>	Chairman	Draft Agenda							Approved
04	<a href="#">S2-033901</a>	Vice Chairman (Akishige Noda)	E-mail approval Results of S2 #35							Approved
04	<a href="#">S2-033902</a>	MCC	Draft minutes of S2 #35							Approved
05	<a href="#">S2-033903</a>	Chairman	Review of incoming LSs to SA2 #36							Noted
05	<a href="#">S2-033904</a>	N1-031606	Handling of MBMS UEs in RRC-connected, PMM-IDLE state							Forwarded to MBMS and noted
05	<a href="#">S2-033905</a>	N1-031690	LS on WLAN requirements							Forwarded to WLAN session and noted
05	<a href="#">S2-033906</a>	N1-031724	The requirement and feasibility of IMS watcher authentication							Noted
05	<a href="#">S2-033907</a>	N1-031725	LS on “Questions on the possibility to not use Preconditions in Release 5”							This LS was handled in IMS agenda point 8.1. After discussion of S2-034146 & S2-034147, Reply LS in S2-034284 by Siemens (Alex)
05	<a href="#">S2-033908</a>	N1-031728	LS on Introducing the Privacy Mechanism in Stage 2							Noted
05	<a href="#">S2-033909</a>	N3-030830	LS on security of the Diameter protocol for the Gq interface							Response LS in S2-034238
05	<a href="#">S2-033910</a>	N4-031351	LS on identifying MMS Enabled devices and MMS Capabilities of those devices							Noted
05	<a href="#">S2-033911</a>	N4-031352	LS on Change in MBMS Activation Procedure							Forwarded to MBMS drafting session and Contents of LS agreed SA2 to raise a CR in S2-033976
05	<a href="#">S2-033912</a>	N5-030665	Request for clarification on the scope of the Ut interface towards the OSA-SCS							Response LS in S2-034239
05	<a href="#">S2-033913</a>	S1-031210	Reply on the requirement and feasibility of IMS watcher authentication							Noted
05	<a href="#">S2-033914</a>	S1-031260	LS on clarified requirements on synchronization for GUP							Revised before the meeting to S2-033923
05	<a href="#">S2-033915</a>	S1-031275	LS on modification of the LDR event types (reply to <a href="#">S2-032722</a> )							Noted

05	<a href="#">S2-033916</a>	S1-031286	LS on high bandwidth communication capability for USAT							Reply in S2-034326
05	<a href="#">S2-033917</a>	S1-031303	LS on CS interconnect accounting for multi-media services e.g. videotelephony							Noted
05	<a href="#">S2-033918</a>	S1-031313	Reply to LS on Clarification on Presence Service Matters (S1-031072;N4-031062)							Noted
05	<a href="#">S2-033919</a>	S1-031326	LS on developing interworking with GIS (reply to <a href="#">S2-033226</a> )							Forwarded to LCS drafting session and noted
05	<a href="#">S2-033920</a>	S1-031332	Reply to LS on MBMS Volume/Time Based Charging (S1-031077; <a href="#">S2-033169</a> )							Forwarded to MBMS drafting session and Response in S2-033978
05	<a href="#">S2-033921</a>	S1-031333	Reply to LS on Layer1 Performance for MBMS (S1-031199;R1-031138)							Forwarded to MBMS drafting session and noted
05	<a href="#">S2-033922</a>	N4-031013	LS on sending the SGSNs MNC and MCC to the GGSN and service node							Noted and this LS was dealt with Nortel's related docs in the meeting
05	<a href="#">S2-033923</a>	S1-031278	LS on clarified requirements on synchronization for GUP							Noted
05	<a href="#">S2-033924</a>	OMA Req WG (with input from OMA PoC WG)	Reply LS to 3GPP on principles for overlapping issues with OMA regarding PoC							Response LS in S2-034240
05	<a href="#">S2-033925</a>	S5-034557	LS reply on sending the SGSN's MNC and MCC to the GGSN							Noted together with S2-033922
05	<a href="#">S2-033926</a>	T2-030472	LS on addition of MMS support by the USIM Application Toolkit							This was kept open for the moment and comeback to manage when the related LS by T2 is available. Response LS in S2-034326
05	<a href="#">S2-033927</a>	T2-030535	LS on identifying MMS Enabled devices and MMS Capabilities of those devices.							draft reply LS in <a href="#">S2-034164</a>
05	<a href="#">S2-033928</a>	TP-030228	LS on the use of MMS as a bearer for USAT							Reply in S2-034326
05	<a href="#">S2-033929</a>	R3-031756	Reply LS on RAN Work Item "'Control of Remote Electrical Tilting Antenna" and possible impact on TSG SA 5'							Noted
05	<a href="#">S2-033930</a>	OCG EMTel	Liaison Statement reply to 3GPP SA2 on Comments on ETSI SR							Forwarded to LCS drafting session and a response LS to EMTel is in S2-034058 and



			002 180 V0.3.2							to TISPAN in S2-034059
05	<a href="#">S2-033931</a>	GP-032718	Coordination of Positioning Methods between TSG GERAN and TSG RAN							Postponed to the next meeting
05	<a href="#">S2-033932</a>	R2-032658	Reply LS on Location Reporting in case of accuracy							Forwarded to LCS drafting session and noted
05	<a href="#">S2-033933</a>	Location WG of the Open Mobile Alliance	Response on interworking with GIS							Forwarded to LCS drafting session and noted
05	<a href="#">S2-033934</a>	GP-032718	Coordination of Positioning Methods between TSG GERAN and TSG RAN							Duplicated with S2-033931 (withdrawn)
05	<a href="#">S2-033935</a>	GP-032681	Reply LS on PDP context to SAPI mapping							Postponed to the next meeting
05	<a href="#">S2-033936</a>	GP-032718	Coordination of Positioning Methods between TSG GERAN and TSG RAN							Duplication with S2-033934
05	<a href="#">S2-033937</a>	GP-032816	LS on issues related to SNA Access Information							Postponed to the next meeting
05	<a href="#">S2-033938</a>	GP-032817	LS on Preservation for real time PDP contexts in A/Gb mode							Postponed to the next meeting
05	<a href="#">S2-033939</a>	GP-032818	Further questions on Service Id needs in the Access Network							Forwarded to MBMS drafting and noted
05	<a href="#">S2-033940</a>	GP-032825	Speech Enabled Services Impacts for GERAN							This LS was put in SES agenda point and postponed to the next meeting for reply as GERAN has a meeting in February.
05	<a href="#">S2-033941</a>	S5-034764	LS on Explicit Data Volume Reporting in RNC							This LS was put in agenda item 9 as the related doc S2-034179 by Ericsson is in agenda point 9 and Reply in S2-034259
05	<a href="#">S2-033942</a>	S5-038807	LS on Reply LS on RAN Work Item "'Control of Remote Electrical Tilting Antenna" and possible impact on SA5'							Noted
05	<a href="#">S2-033943</a>	T2-030619	LS on Hierarchical Structure in GUP Specs							Forwarded to GUP agenda item 9.1 and response in S2-034291
05	<a href="#">S2-033944</a>	T2-030638	LS on "Extended MM7 and Messaging Integration Broker"							Noted
05	<a href="#">S2-033945</a>	R3-031826	LS on NAS/AS issue for Shared Network in connected mode							Postponed to the next meeting
05	<a href="#">S2-033946</a>	R3-031868	LS Response on new questions about RAN assumption							Postponed to the next meeting

05	<a href="#">S2-033947</a>	T3-031016	LS on Parameters and files for WLAN interworking							Postponed to the next meeting
05	<a href="#">S2-033948</a>	T3-030932	LS on the harmonization of ISIM for 3GPP2							Postponed to the next meeting
05	<a href="#">S2-033949</a>	T3-030928	T3 reply to LS's on MMS as a Bearer for USAT							Reply in S2-034326
05	<a href="#">S2-033950</a>	R2-032692	Reply to: LS Response on a new question about RAN assumption							Postponed to the next meeting
05	<a href="#">S2-033951</a>	R2-032707	Response LS on "Handling of MBMS UEs in RRC-connected, PMM-IDLE state"							Postponed to the next meeting
10.1	<a href="#">S2-033952</a>	MBMS Convenor	MBMS session report							Revised to S2-034350
10.1	<a href="#">S2-033953</a>	Huawei	Clarification of MBMS Multicast Service Deactivation Procedure	23.246	024	F	6.0.0	6	MBMS	NOT AGREED
10.1	<a href="#">S2-033954</a>	Huawei	Charging elements in MBMS UE Context	23.246	025	B	6.0.0	6	MBMS	NOT AGREED
10.1	<a href="#">S2-033955</a>	Samsung	Clarification on MBMS deactivation figure	23.246	026	D	6.0.0	6	MBMS	Merged in S2-033985
10.1	<a href="#">S2-033956</a>	Samsung, Nortel Networks, Alcatel	MBMS Service Request Procedure	23.246	027	B	6.0.0	6	MBMS	Revised in S2-033983
10.1	<a href="#">S2-033957</a>	Nortel Networks	MBMS architecture description for GERAN Gb							Noted
10.1	<a href="#">S2-033958</a>	Bamboo MediaCasting Ltd.	Removal of BG from MBMS Architecture Figure	23.246		C	6.0.0	6	MBMS	Revised in S2-033984
10.1	<a href="#">S2-033959</a>	Siemens	Corrections for TMGI, linked NSAPI and service ID	23.246	020	F	6.0.0	6	MBMS	AGREED – NEED overlap check S2-033987
10.1	<a href="#">S2-033960</a>	Siemens	Removal of superfluous procedures	23.246	021	F	6.0.0	6	MBMS	AGREED – Need overlap S2-033981
10.1	<a href="#">S2-033961</a>	Siemens	Verification of UE bearer capabilities							Revised in S2-033981
10.1	<a href="#">S2-033962</a>	Siemens	Various corrections and clarifications	23.246	023	F	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-033963</a>	Siemens	Implicit MBMS bearer deactivation at detach	23.246	029	F	6.0.0	6	MBMS	Revised and combined in S2-033985
10.1	<a href="#">S2-033964</a>	Vodafone UK	MBMS paging coordination	23.246	012 r1	C	6.0.0	6	MBMS	Turned into an LS in S2-033992
10.1	<a href="#">S2-033965</a>	Vodafone UK	UE classmark information to the BMSC	23.246	014 r1	C	6.0.0	6	MBMS	Noted
10.1	<a href="#">S2-033966</a>	Vodafone	MBMS point to point	23.246	015	B	6.0.0	6	MBMS	Revised in S2-033994

		UK	repair/charging/decrypt service		r1					
10.1	<a href="#">S2-033967</a>	MBMS session chairman	MBMS agenda							Approved
10.1	<a href="#">S2-033968</a>	Huawei	Clarification of MBMS UE Context	23.246	007 r1	F	6.0.0	6	MBMS	Noted
10.1	<a href="#">S2-033969</a>	Motorola	Apply TMGI for Broadcast Service	23.246	008 r1	C	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-033970</a>	3	Removal of security information in TS 23.246	23.246	024 r1	F	6.0.0	6	MBMS	Revised in S2-033988
10.1	<a href="#">S2-033971</a>	Siemens	GERAN MBMS bearer discussion							Late and Noted
10.1	<a href="#">S2-033972</a>	Nortel	User Service Architecture							Noted
10.1	<a href="#">S2-033973</a>	Orange	Inclusion of GERAN attributes and parameters in MBMS	23.246	001 r2	C	6.0.0	6	MBMS	Revised in S2-033989
10.1	<a href="#">S2-033974</a>	Orange	Inclusion of GERAN functionality in MBMS Notification procedure	23.246	002 r2	C	6.0.0	6	MBMS	Revised in S2-033990
10.1	<a href="#">S2-033975</a>	Orange	Inclusion of GERAN functionality in MBMS procedures	23.246	003 r2	C	6.0.0	6	MBMS	Revised in S2-033991
10.1	<a href="#">S2-033976</a>	3								Postponed to next meeting
10.1	<a href="#">S2-033977</a>	3								Postponed to next meeting
10.1	<a href="#">S2-033978</a>	AWS	Reply LS on “MBMS Volume/Time Based Charging (S1-031077 / S2-033169)”							NOT AGREED
10.1	<a href="#">S2-033979</a>	Huawei	GGSN Initiated the MBMS Multicast Service Deactivation	23.246	006 r1	B	6.0.0	6	MBMS	Merged with S2-033986
10.1	<a href="#">S2-033980</a>	Huawei	Clarification of MBMS UE Context	23.246	007 r2	F	6.0.0	6	MBMS	Merged into S2-034309
10.1	<a href="#">S2-033981</a>	Siemens	Verification of UE bearer capabilities							Revised in S2-034310
10.1	<a href="#">S2-033982</a>	Nortel	Optional provision of duration of the session	23.246	016 r1	B	6.0.0	6	MBMS	Revised in S2-033996
10.1	<a href="#">S2-033983</a>	Samsung, Nortel Networks, Alcatel	MBMS Service Request Procedure	23.246	027 r1	B	6.0.0	6	MBMS	Revised in S2-033997
10.1	<a href="#">S2-033984</a>	Bamboo MediaCasting Ltd.	Removal of BG from MBMS Architecture Figure	23.246	028	F	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-033985</a>	Samsung, Huawei,	Clarification on MBMS deactivation figure	23.246	026 r1	D	6.0.0	6	MBMS	Revised in S2-033998

		Siemens								
10.1	<a href="#">S2-033986</a>	Siemens, Huawei, Orange	Clarification of MBMS UE Context plus GERAN functionality	23.246	007 r3	C	6.0.0	6	MBMS	Revised in S2-034309
10.1	<a href="#">S2-033987</a>	Siemens	Corrections for TMGI, linked NSAPI and service ID	23.246	020 r1	F	6.0.0	6	MBMS	Revised in S2-034311
10.1	<a href="#">S2-033988</a>	3	Removal of security information in TS 23.246	23.246	024 r2	F	6.0.0	6	MBMS	Revised to S2-034381 after the meeting
10.1	<a href="#">S2-033989</a>	Orange	Inclusion of GERAN attributes and parameters in MBMS	23.246	001 r3	C	6.0.0	6	MBMS	Revised in S2-034314
10.1	<a href="#">S2-033990</a>	Orange	Inclusion of GERAN functionality in MBMS Notification procedure and session ID	23.246	002 r3	C	6.0.0	6	MBMS	Revised in S2-034315
10.1	<a href="#">S2-033991</a>	Orange	Inclusion of GERAN functionality in MBMS procedures	23.246	003 r3	C	6.0.0	6	MBMS	Revised in S2-034316
10.1	<a href="#">S2-033992</a>	SA2	[DRAFT] LS on paging coordination for MBMS and other services							Revised in S2-034313
10.1	<a href="#">S2-033993</a>	Vodafone	MBMS paging coordination	23.246	012 r2	C	6.0.0	6	MBMS	Draft CR is agreed to be attached to LS. Draft CR not agreed at this point in time
10.1	<a href="#">S2-033994</a>	Vodafone	MBMS point to point repair/charging/decrypt service	23.246	015 r2	B	6.0.0	6	MBMS	Revised in S2-034312
10.1	<a href="#">S2-033995</a>	Siemens	Removal of superfluous procedures	23.246	021 r1	F	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-033996</a>	Nortel	Optional provision of duration of the session	23.246	016 r2	B	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-033997</a>	Nortel	MBMS Service Request Procedure	23.246	027 r2	B	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-033998</a>	Samsung, Huawei, Siemens	Clarification on MBMS deactivation figure	23.246	026 r2	D	6.0.0	6	MBMS	Approved in plenary
10.2	<a href="#">S2-033999</a>	WLAN convenor	WLAN session report							Revised to S2-034349 and outgoing LS will be handled in January meeting
10.2	<a href="#">S2-034000</a>	Orange, AWS, Samsung	IP Protocol Stack for WLAN Interworking							Agreed with a change. (See detailed minutes in S2-034349)
10.2	<a href="#">S2-034001</a>	Orange	TS 23.234 v2.2.0							Noted
10.2	<a href="#">S2-034002</a>	Huawei, China Mobile	W-APN resolution analysis and principles							Discussed. Input to S2-034031
10.2	<a href="#">S2-034003</a>	Huawei,	W-APN resolution procedures							Postponed

		China Mobile								
10.2	<a href="#">S2-034004</a>	Huawei, China Mobile	W-APN resolution architecture							Withdrawn
10.2	<a href="#">S2-034005</a>	Huawei, China Mobile	Clarification of service authentication and authorization							Revised to S2-034034
10.2	<a href="#">S2-034006</a>	Huawei, China Mobile	Filtering function on the WAG							Revised to S2-034032
10.2	<a href="#">S2-034007</a>	Huawei, China Mobile	Analysis on mechanisms assisting PLMN selection							Withdrawn
10.2	<a href="#">S2-034008</a>	Huawei, China Mobile	Clarification of Ws,Wc reference points							Noted (changes equal to those proposed by S2-034023 are implicitly agreed )
10.2	<a href="#">S2-034009</a>	AWS	AAA Protocols							Revised to S2-034037
10.2	<a href="#">S2-034010</a>	Ericsson, T-mobile, Samsung, Azaire	WLAN Interworking using Gn reference point							Revised to S2-034033
10.2	<a href="#">S2-034011</a>	Ericsson, T-mobile, Samsung, Azaire	Proposal on Gn reference point							Revised to S2-034033
10.2	<a href="#">S2-034012</a>	Ericsson, T-mobile, Samsung, Azaire	Discussion of Gn reference point							Revised to S2-034033
10.2	<a href="#">S2-034013</a>	Ericsson	Correction in authentication info retrieval messages							Agreed with a modification. (see detailed minutes in S2-034349)
10.2	<a href="#">S2-034014</a>	HP	Summary of E-mail Discussion on E2E Tunnelling and Scenario 4/5							Noted. Conclusions endorsed.
10.2	<a href="#">S2-034015</a>	HP	Alternate IP Routing							Noted
10.2	<a href="#">S2-034016</a>	Nortel Networks	Removal of Special SSID values							Agreed
10.2	<a href="#">S2-034017</a>	Nortel Networks, Nokia, Siemens	Simple W-APN resolution proposal							Revised to S2-034031
10.2	<a href="#">S2-034018</a>	Nortel	Clarification of the behaviour of							Agreed with one modification. (see detailed

		Networks	3GPP AAA Server for D'/Gr' reference points							minutes in S2-034349)
10.2	<a href="#">S2-034019</a>	Nortel Networks	End-to-end tunnelling and MobileIP for Scenarios 4/5							Noted
10.2	<a href="#">S2-034020</a>	Samsung	Routing enforcement in scenario 3							Agreed with some changes. (See detailed minutes in S2-034349)
10.2	<a href="#">S2-034021</a>	Samsung	Requirement of Tunneling in scenario 3							Revised to S2-034042
10.2	<a href="#">S2-034022</a>	Siemens	spare							Not available
10.2	<a href="#">S2-034023</a>	Lucent	Clarification that Ws and Wc can be used in Scenario 2 (Postponed from SA2#35)							Agreed
10.2	<a href="#">S2-034024</a>	Lucent	Separation of Wr and Wb and Ws and Wc in Reference Model diagrams (Postponed from SA2#35)							Noted. Trigger an email discussion
10.2	<a href="#">S2-034025</a>	TeliaSonera	WLAN with IP Flow based bearer level charging							Agreed with one modification (see detailed minutes in S2-034349)
10.2	<a href="#">S2-034026</a>	TeliaSonera	Per user charging function allocations							Changes needed. Revised to S2-034035
10.2	<a href="#">S2-034027</a>	ALCATEL	W-APN Resolution Gateway Location							Noted
10.2	<a href="#">S2-034028</a>	Telenor	Agenda and Tdoc allocation							Agreed
10.2	<a href="#">S2-034029</a>	T-Mobile on behalf on the SA5 Chairman	Statement from SA5 Chairman on Charging Architecture							Noted
10.2	<a href="#">S2-034030</a>	SA2	Draft Reply LS on WLAN requirements							Revised to S2-034048
10.2	<a href="#">S2-034031</a>	Nortel Networks, Nokia, Siemens, Huawei, Orange, AWS, Ericsson	Simple W-APN resolution							Revised to S2-034043
10.2	<a href="#">S2-034032</a>	Huawei, China Mobile...	Filtering functionality on WAG.							Agreed with one change (see detailed minutes in S2-034349)
10.2	<a href="#">S2-034033</a>	Ericsson, T-Mobile, Samsung,	Gn' reference point annex							Revised to S2-034045

		Azaire								
10.2	<a href="#">S2-034034</a>	Huawei, China Mobile, ...	Clarification of service authentication and authorization							Revised to S2-034046
10.2	<a href="#">S2-034035</a>	TeliaSonera	Per user charging function allocations							Agreed
10.2	<a href="#">S2-034036</a>	SA2	Draft LS to GSMA WLAN TF to clarify requirements for I-WLAN							Revised to S2-034365
10.2	<a href="#">S2-034037</a>	rapporteur	TS 23.234 2.2.0							Agreed
10.2	<a href="#">S2-034038</a>	Lucent Technologies	Clarification of Network Selection text							Revised to S2-034041
10.2	<a href="#">S2-034039</a>	WLAN Taskforce, GSM Association	GSM Association requirements for I-WLAN scenario 3							Noted
10.2	<a href="#">S2-034040</a>	Nortel Networks	[DRAFT] TS 23.234 Cover Sheet for SA#22							Approved
10.2	<a href="#">S2-034041</a>	Lucent	Clarification of Network Selection text							Agreed
10.2	<a href="#">S2-034042</a>	Samsung	Requirement of Tunneling in scenario 3							Agreed
10.2	<a href="#">S2-034043</a>	Nortel Networks, Nokia, Siemens, Huawei, Orange, AWS, Ericsson	Simple W-APN resolution							Agreed in WLAN session but revised to S2-034347 in plenary
10.2	<a href="#">S2-034044</a>	SA2	[DRAFT] Questions on re-authentication for end-to-end tunnel establishment							Revised to S2-034384 via e-mail approval
10.2	<a href="#">S2-034045</a>	SA2	LS to CN4 on Gn interface							Withdrawn
10.2	<a href="#">S2-034046</a>	Huawei, China Mobile, ...	Clarification of service authentication and authorization							Agreed
10.2	<a href="#">S2-034047</a>	Samsung, Nokia	3G PS based services in scenario 3							Agreed
10.2	<a href="#">S2-034048</a>	SA2	Draft Reply LS on WLAN requirements							Not approved via e-mail approval



10.3	<a href="#">S2-034049</a>	LCS convenor	LCS session report							Revised to S2-034354
10.3	<a href="#">S2-034050</a>	LCS drafting session chair	<u>Proposed AGENDA for the LCS drafting session in SA2#36 25<sup>th</sup> and 27<sup>th</sup> November 2003 and proposed allocation of LCS tdocs to agenda items</u>							New version in S2-034052
10.3	<a href="#">S2-034051</a>	LCS drafting session chair	<u>Agreed AGENDA for the LCS drafting session in SA2#36 25<sup>th</sup> and 27<sup>th</sup> November 2003 and proposed allocation of LCS tdocs to agenda items</u>							Agreed
10.3	<a href="#">S2-034052</a>	LCS drafting session chair	LCS tdoc list for SA2 #36							For information
10.3	<a href="#">S2-034053</a>	SA2	Draft Reply to OCG EMTEL EM05td018r1							New version in S2-034058
10.3	<a href="#">S2-034054</a>	SA2	Draft LS to ETSI TISPAN on E112 Requirements							New version in S2-034059
10.3	<a href="#">S2-034055</a>	Huawei, China Mobile	Additional privacy check in deferred location request cancellation procedure	23.271	213 r3	F	6.5.0	6	LCS2	Revised to S2-034390 after the meeting
10.3	<a href="#">S2-034056</a>	Nokia	Charging alignment for LCS	23.271	234 r1	F	6.5.0	6	LCS2	Agreed
10.3	<a href="#">S2-034057</a>	Huawei, China Mobile, Nokia	Correction of UE available event cancellation procedure	23.271	230 r2	F	6.5.0	6	LCS2	Revised to S2-034388 after the meeting
10.3	<a href="#">S2-034058</a>	SA2	<i>Draft</i> Reply to OCG EMTEL EM05td018r1							Revised to S2-034359
10.3	<a href="#">S2-034059</a>	SA2	<i>Draft</i> LS to ETSI TISPAN on E112 Requirements							Revised to S2-034360
10.3	<a href="#">S2-034060</a>	SA2	<i>Draft</i> LS to report the status of location services standardisation in 3GPP SA2							Revised to S2-034361
10.3	<a href="#">S2-034061</a>									Not used
10.3	<a href="#">S2-034062</a>									Not used
10.4	<a href="#">S2-034063</a>	IP Charging convenor	IP Charging session report							Approved
10.4	<a href="#">S2-034064</a>	Ericsson	Message Flows							Revised to S2-034269
10.4	<a href="#">S2-034065</a>	Nokia	Continuation and further developments of flow-based charging capabilities							Noted
10.4	<a href="#">S2-034066</a>	ALCATEL	GPRS level charging and IP flow							Revised to S2-034100

			level charging							
10.4	<a href="#">S2-034067</a>	ALCATEL	Clarification of the termination action							Revised to S2-034102
10.4	<a href="#">S2-034068</a>	ALCATEL	Charging models							Revised to S2-034266
10.4	<a href="#">S2-034069</a>	ALCATEL	Charging rules							Revised to S2-034078, and agreed
10.4	<a href="#">S2-034070</a>	ALCATEL	Charging rule request							Not Accepted
10.4	<a href="#">S2-034071</a>	Ericsson	RNC Unsent Downlink Volume from SGSN to GGSN							Withdrawn
10.4	<a href="#">S2-034072</a>	Ericsson	Charging key							Revised to S2-034268 and agreed
10.4	<a href="#">S2-034073</a>	Ericsson	Credit management							Noted
10.4	<a href="#">S2-034074</a>	TeliaSonera	List of protocols subject to filtering							Revised to S2-034082 before meeting
10.4	<a href="#">S2-034075</a>	Siemens	Rx/Gx functions for services using SBLP							Noted
10.4	<a href="#">S2-034076</a>	Siemens	Determination of charging rules							Revised to S2-034097
10.4	<a href="#">S2-034077</a>	Siemens	Application of charging rules							Revised to S2-034098
10.4	<a href="#">S2-034078</a>	Alcatel	charging rules							Agreed (without presentation)
10.4	<a href="#">S2-034079</a>	Vodafone UK	Filtering for SIP							Noted
10.4	<a href="#">S2-034080</a>	Vodafone UK	Completion of list of SGSN charging information needed by GGSN							Revised to S2-034262
10.4	<a href="#">S2-034081</a>	Vodafone UK	Provision of S-CDR information to the GGSN	23.060	481	C	6.2.0	6	CH	Noted
10.4	<a href="#">S2-034082</a>	TeliaSonera	List of protocols subject to filtering							Noted
10.5	<a href="#">S2-034083</a>	Convenor	Evolution session report							Not used
10.5	<a href="#">S2-034084</a>	Nokia	Gq-related updates to the signaling flows	23.207	065	B	6.0.0	6	QoS1	Revised to S2-034263
10.5	<a href="#">S2-034085</a>	Nortel Networks	TR 23.917 v.1.1.2							Approved
10.5	<a href="#">S2-034086</a>	ALCATEL	Session description on Gq upon authorization of QoS resources							Withdrawn
9	<a href="#">S2-034087</a>	Nokia	Gq reference point	23.002	135 r2	B	6.2.0	6	QoS1	Revised to S2-034260
05	<a href="#">S2-034088</a>	S3-030806	LS on service announcement and UE joining procedure							Postponed to the next meeting
05	<a href="#">S2-034089</a>	S3-030807	LS on security of EAP or SSID based network advertisements							Postponed to the next meeting
05	<a href="#">S2-034090</a>	S3-030808	Reply LS on Tunnel Establishment and Security Association							Forwarded to WLAN session and noted

05	<a href="#">S2-034091</a>	S3-030810	Reply LS on security of the Diameter protocol for the Gq interface							Postponed to the next meeting
05	<a href="#">S2-034092</a>	R3-031874	Answer LS on Handling of MBMS UEs in RRC-connected, PMM-IDLE state							Postponed to the next meeting
	<a href="#">S2-034093</a>									Not used
	<a href="#">S2-034094</a>									Not used
	<a href="#">S2-034095</a>									Not used
	<a href="#">S2-034096</a>									Not used
10.4	<a href="#">S2-034097</a>	Siemens	Determination of charging rules							Not presented in charging session and revised to S2-034342 in plenary
10.4	<a href="#">S2-034098</a>	Siemens	Application of charging rules							Not presented in charging session and revised to S2-034343 in plenary
10.4	<a href="#">S2-034099</a>	Ericsson	Application of Static Rules							Approved
10.4	<a href="#">S2-034100</a>	Alcatel	GPRS level charging and IP flow level charging							Not presented in charging session and revised to S2-034344 in plenary
10.4	<a href="#">S2-034101</a>	-	-							Duplicate allocation of number. No longer used.
10.4	<a href="#">S2-034102</a>	Alcatel	Clarification of the termination action							Not presented in charging session and revised to S2-034345 in plenary
10.6	<a href="#">S2-034103</a>	Convenor	Network Sharing session report							Approved
10.6	<a href="#">S2-034104</a>	Nokia	PLMN and Core Network operator selection							Revised to S2-034117
10.6	<a href="#">S2-034105</a>	Nokia	Comments on tdoc <a href="#">S2-033669</a> GS interface usage							Noted
10.6	<a href="#">S2-034106</a>	Siemens	Gs interface usage							Revised to S2-034119
10.6	<a href="#">S2-034107</a>	Siemens	Redirecting UEs between CN nodes							Revised to S2-034120
10.6	<a href="#">S2-034108</a>	Siemens	Selection of shared networks							Merged the updated version with S2-034121
10.6	<a href="#">S2-034109</a>	Siemens	Connected Mode CN Selection							Revised to S2-034122
10.6	<a href="#">S2-034110</a>	TeliaSonera (rapporteur)	TR23.851 v1.1.0							Approved
10.6	<a href="#">S2-034111</a>	TeliaSonera	Clarification on the need for a new Network Selection Solution							Noted
10.6	<a href="#">S2-034112</a>	TeliaSonera	Evaluation of Connected Mode Solution							Revised to S2-034121
10.6	<a href="#">S2-034113</a>	TeliaSonera	Broadcast Channel Solution Updates							Revised to S2-034121
10.6	<a href="#">S2-034114</a>	TeliaSonera	Proposed conclusion concerning network selection solution							Postponed to the next meeting due to lack of time
10.6	<a href="#">S2-034115</a>	TeliaSonera	PLMN selection							Postponed to the next meeting due to lack of time

10.6	<a href="#">S2-034116</a>	Network Sharing Drafting Session Chairman	Proposed agenda for the Network Sharing Drafting Session							Approved
10.6	<a href="#">S2-034117</a>	nokia	PLMN and Core Network operator selections							Revised to S2-034121
10.6	<a href="#">S2-034118</a>	Session chairman	Approved agenda							Approved
10.6	<a href="#">S2-034119</a>	Siemens	Gs interface usage							Approved in the plenary
10.6	<a href="#">S2-034120</a>	Siemens	Redirecting UEs between CN nodes							Approved in the plenary
10.6	<a href="#">S2-034121</a>	Nokia, Siemens, TeliaSonera	PLMN and Core Network operator selections							Approved in the plenary
10.6	<a href="#">S2-034122</a>	Siemens	Connected Mode CN Selection							Approved in the plenary
11.2	<a href="#">S2-034123</a>	MCC	SA2 work plan (before meeting)							Noted
11.2	<a href="#">S2-034124</a>	MCC	SA2 work plan (after the meeting)							Withdrawn
09.1	<a href="#">S2-034125</a>	Ericsson	Notification Reference	23.240	009	F	6.1.0	6	GUP	Approved
09.1	<a href="#">S2-034126</a>	Ericsson	Subscribe Operation, Subscription Status	23.240	010 r1	B	6.1.0	6	GUP	Revised to S2-034282
08.3	<a href="#">S2-034127</a>	Huawei, China Mobile	Enhanced LDR reference number in R5	23.271	228	C	5.8.0	5	LCS2	Revised to S2-034276
09.8	<a href="#">S2-034128</a>	Huawei, China Mobile	Enhanced LDR reference number in R6	23.271	229	C	6.5.0	6	LCS	Revised to S2-034277
09.8	<a href="#">S2-034129</a>	Huawei, China Mobile, Nokia	Correction of UE available event cancellation procedure	23.271	230	F	6.5.0	6	LCS2	Revised to S2-034278
09.8	<a href="#">S2-034130</a>	Huawei, China Mobile	H-GMLC additional handling in the change of area event LDR procedure	23.271	231	B	6.5.0	6	LCS2	Noted
09.1 2	<a href="#">S2-034131</a>	Orange	IPv4 IPv6 IMS Interworking Scenarios							Revised to S2-034319
10.4	<a href="#">S2-034132</a>	Ericsson	Distribution of TR to Specifications							Noted
10.4	<a href="#">S2-034133</a>	Ericsson	Application of Static Rules							Revised to S2-034099
09.8	<a href="#">S2-034134</a>	Huawei	Correction of previous approved CR	23.271	213 r2	F	6.5.0	6	LCS2	New version in S2-034055
09.5	<a href="#">S2-034135</a>	Rapporteur	Push TR 23.976							Agreed
09.5	<a href="#">S2-034136</a>	RIM	Updates to Push TR 23.976							Revised to S2-034321

09.5	<a href="#">S2-034137</a>	RIM	Discussion on NRPCA							Revised to S2-034257 before the presentation
09.5	<a href="#">S2-034138</a>	RIM	Partial conclusion for Push TR							Noted
09.2	<a href="#">S2-034139</a>	RIM	IMS Session based Messaging NRPCA Discussion Paper							Noted, it was however generally supported for the aspect of being able to establish messaging session without preconditions.
09.1 0	<a href="#">S2-034140</a>	Vodafone	Agreed TR 23.877v0.1.0 from SA2#35							Agreed
09.1 0	<a href="#">S2-034141</a>	Vodafone	Editorial Update TR23.877v0.1.1							Revised to S2-034236 before presentation
09.1 0	<a href="#">S2-034142</a>	Vodafone	SRM Definition Based on TR23.877v0.1.1							Approved
09.1 0	<a href="#">S2-034143</a>	Vodafone	Remove Charging and Roaming Sections to PS and IMS Domain Based on TR23.877v0.1.1							Revised to S2-034237 before presentation
09.1 0	<a href="#">S2-034144</a>	Vodafone	TR 23.877 v0.2.0							Will be available after the meeting and checked by e-mail
09.1 0	<a href="#">S2-034145</a>	Vodafone	Cover Sheet for New version of TR 23.877 v0.2.0							Revised to S2-034324
08.1	<a href="#">S2-034146</a>	Siemens	Restrictions on Sessions without IMS required capabilities - Considerations related to <a href="#">S2-033907</a> (N1-031725)							Noted
08.1	<a href="#">S2-034147</a>	Siemens	Restrictions on Sessions without IMS required capabilities	23.228	367	F	5.10.0	5	IMS-CCE	Revised to S2-034283
09.2	<a href="#">S2-034148</a>	Siemens	Record-route at S-CSCF							Noted
09.2	<a href="#">S2-034149</a>	Siemens	Forking support in MGCF and AS	23.228	368	C	6.3.0	6	IMS2	Revised to S2-034287
09.9	<a href="#">S2-034150</a>	Siemens	Packet Transport Transit network between PLMNs							Revised to S2-034292
09.9	<a href="#">S2-034151</a>	Siemens	Comment on TR 23.977							Approved
09.1 2	<a href="#">S2-034152</a>	Rapporteur (Alexander Milinski, Siemens)	TR 23.881, Version 0.1.0							Approved conditionally
09.1 2	<a href="#">S2-034153</a>	Siemens	Intermediary between UE and P-CSCF							Approved
09.8	<a href="#">S2-034154</a>	Ericsson	Clarification of the format of V-GMLC address	23.271	232	F	6.5.0	6	LCS2	Approved
09.8	<a href="#">S2-034155</a>	Ericsson	Correction to the way that PPR handles the pseudo external Ids, during the LCS authorization process, when the visited MSC/SGSN is pre Rel-6	23.271	233	F	6.5.0	6	LCS2	Approved
09	<a href="#">S2-034156</a>	Vodafone	Security Issue with Multiple PDP	23.060	434	B	6.2.0	6	TEI6	Revised to S2-034255

			Contexts		r6					
09.8	<a href="#">S2-034157</a>	Vodafone	Introduction of LCS QoS Class	23.271	186 r4	B	6.5.0	6	LCS2	Withdrawn
06	<a href="#">S2-034158</a>	Nokia	PFI correction	23.060	465 r3	F	3.15.0	99	TEI	Revised to S2-034250
06	<a href="#">S2-034159</a>	Nokia	PFI correction	23.060	466 r1	A	4.8.0	4	TEI	Revised to S2-034251
06	<a href="#">S2-034160</a>	Nokia	PFI correction	23.060	467 r1	A	5.6.0	5	TEI	Revised to S2-034252
06	<a href="#">S2-034161</a>	Nokia	PFI correction	23.060	469	F	6.2.0	6	TEI	Revised to S2-034253
08.1	<a href="#">S2-034162</a>	Nokia	Handling INVITEs without pre-conditions							Withdrawn
09	<a href="#">S2-034163</a>	Nokia	Draft reply LS on the use of MMS as a bearer for USAT							Postponed until we can get an LS from T3 and comeback and Noted
09	<a href="#">S2-034164</a>	Nokia	Draft reply LS on identifying MMS Enabled devices and MMS Capabilities of those devices.							Revised to S2-034242 and check the status at the end of the meeting
09.1	<a href="#">S2-034165</a>	Nokia	Discussion on GUP information model							Noted
09.1	<a href="#">S2-034166</a>	Nokia	GUP information model improvement	23.240	011	C	6.1.0	6	GUP	Postponed to Wednesday morning for decision together with S2-034165 and returned and revised to S2-034299
09.1	<a href="#">S2-034167</a>	Nokia	Selection of the GUP Server mode of operation	23.240	007 r1	F	6.1.0	6	GUP	Approved
09.2	<a href="#">S2-034168</a>	Nokia	AS originated sessions	23.228	369	B	6.3.0	6	IMS2	Revised to S2-034302
09.8	<a href="#">S2-034169</a>	Nokia, Nortel Networks, Siemens	Cell ID and SAI	23.271	226 r3	B	6.5.0	6	LCS2	Agreed. Note that S2-034169 replaces S2-033801.
09.8	<a href="#">S2-034170</a>	Nokia	Charging and billing alignment for LCS	23.271	234	F	6.5.0	6	LCS2	New version in S2-034056
09.8	<a href="#">S2-034171</a>	Nokia	LCS in IMS – some thoughts on <a href="#">S2-033589</a>							Noted
09.1 1	<a href="#">S2-034172</a>	Nokia	Mapping of OMA PoC architecture and IMS architecture							Merged to S2-034264 together with S2-034177
09.2	<a href="#">S2-034173</a>	ALCATEL	RTCP removal							Noted
09.2	<a href="#">S2-034174</a>	ALCATEL	Frame stealing							This was handled together with S2-034175 by offline discussion and noted
09.2	<a href="#">S2-034175</a>	ALCATEL	RTCP handling: separation or multiplexing							Discussed offline together with S2-034174, Noted
09.1 2	<a href="#">S2-034176</a>	ALCATEL	IMS IPv4/IPv6 migration scenarios							Approved (Section numbers to be fixed by editor)
09.1	<a href="#">S2-034177</a>	ALCATEL	PoC architecture assumptions							Merged to S2-034264 together with S2-

1										034176
09.7	<a href="#">S2-034178</a>	Motorola	Security Procedures for UICC-less Emergency calls							Revised to S2-034306 (Merged with S2-034204)
09, 10.4	<a href="#">S2-034179</a>	Ericsson	Explicit Request for RNC Unsent Downlink Volume from SGSN							Noted and related LS is S2-033941 which was concluded to be responded in S2-034259
09.9	<a href="#">S2-034180</a>	T-Mobile	BARS TR 23.977 v0.3.0							Approved
06	<a href="#">S2-034181</a>	Nortel Networks	Serving network identity from SGSN to GGSN							Noted
06	<a href="#">S2-034182</a>	Nortel Networks	Serving network identity from SGSN to GGSN	03.60	217 r2	F	6.11.0	97	TEI	Revised to S2-034243
06	<a href="#">S2-034183</a>	Nortel Networks	Serving network identity from SGSN to GGSN	03.60	218 r2	A	7.9.0	98	TEI	Revised to S2-034244
06	<a href="#">S2-034184</a>	Nortel Networks	Serving network identity from SGSN to GGSN	23.060	471 r2	F	3.15.0	99	TEI	Revised to S2-034245
06	<a href="#">S2-034185</a>	Nortel Networks	Serving network identity from SGSN to GGSN	23.060	472 r2	A	4.8.0	4	TEI	Revised to S2-034246
06	<a href="#">S2-034186</a>	Nortel Networks	Serving network identity from SGSN to GGSN	23.060	473 r2	A	5.6.0	5	TEI	Revised to S2-034247
06	<a href="#">S2-034187</a>	Nortel Networks	Serving network identity from SGSN to GGSN	23.060	474 r2	F	6.2.0	6	TEI	Revised to S2-034248
09.2	<a href="#">S2-034188</a>	Nortel Networks	IP flows on same or separate PDP contexts	23.228	370	C	6.3.0	6	IMS2	Revised to S2-034289
09.7	<a href="#">S2-034189</a>	Nortel Networks	Location services in IMS Emergency Call TR							Noted
09.9	<a href="#">S2-034190</a>	Nortel Networks	Proposed revisions to BARS TR							Revised to S2-034293
09.2	<a href="#">S2-034191</a>	Nortel Networks	Requirements for IM CN Subsystem signalling flag	23.228	371	C	6.3.0	6	IMS2	Revised to S2-034303
09.2	<a href="#">S2-034192</a>	Nortel Networks	Requirements for IM CN Subsystem signalling flag	23.207	066	C	6.0.0	6	IMS2	Revised to S2-034304
09.2 and 10.4	<a href="#">S2-034193</a>	Nortel Networks	IP Flow Charging impacts on other mechanisms							Revised to S2-034307
09.2	<a href="#">S2-034194</a>	Nortel Networks, Nokia	IMS "Keep it Separate" indicator and IMS Flow Charging							Noted
09.6	<a href="#">S2-034195</a>	Nortel Networks	Use of Diffserv for WLAN policy							Noted and delete Policy control of Diffserv work item and we will deal with this issue in services over WLAN work item.
09.1 3, 10.2	<a href="#">S2-034196</a>	Samsung	Discussion of 3G PS based services over interworking WLAN							Noted
09.1	<a href="#">S2-034197</a>	Samsung	3G PS based services in scenario							Revised to S2-034281



3, 10.2			3							
09.2	<a href="#">S2-034198</a>	Siemens	Session based messaging principles	23.228	372	B	6.3.0	6	IMS2	Revised to S2-034286
09.2	<a href="#">S2-034199</a>	Siemens	Session based messaging procedure for registered users	23.228	373	B	6.3.0	6	IMS2	Noted
09.8	<a href="#">S2-034200</a>	Siemens	A new interface between GMLC and GIS	23.271	222 r1	B	6.5.0	6	LCS2	Not agreed
09.7	<a href="#">S2-034201</a>	Rapporteur (Rainer Liebhart, Siemens)	TR 23.867, Version 0.5.0							Agreed
09.7	<a href="#">S2-034202</a>	Siemens	Duplicate and inconsistent information in Emergency TR							Approved
09.7	<a href="#">S2-034203</a>	Siemens	Translating an Emergency SIP URI into a routable E.164 Number							Revised to S2-034308
09.7	<a href="#">S2-034204</a>	Ericsson	UICC-less emergency calls							Merged with S2-034178 and revised to S2-034306
09.2	<a href="#">S2-034205</a>	Ericsson	Session based messaging							Noted
09.2	<a href="#">S2-034206</a>	Ericsson	Introduction of Session based messaging architecture	23.228	359 r3	B	6.3.0	6	IMS2	Noted
09.2 & 09.1 1	<a href="#">S2-034207</a>	Ericsson	Feature capability identifier							Noted
09.9	<a href="#">S2-034208</a>	Lucent	Proposed changes to section 8 of TR23.977 (BARS)							Revised to S2-034294
09.9	<a href="#">S2-034209</a>	Lucent	Proposed changes to sections 2 and 9 of TR23.977 v030 (BARS)							Revised to S2-034230 before presentation
09	<a href="#">S2-034210</a>	Nortel Networks, Nokia	BSS PFC procedures at PDP context modification	23.060	478 r2	F	6.2.0	6	TEI6	Revised to S2-034256
	<a href="#">S2-034211</a>	Nokia	spare							Not used
	<a href="#">S2-034212</a>	Nokia	spare							Not used
08.2	<a href="#">S2-034213</a>	Siemens	Removal of text passages with unclear status	23.195	008	F	5.1.0	5	LATE_UE	Noted and LS to SA and GERAN in S2-034254
09.2	<a href="#">S2-034214</a>	Siemens	RTP/RTCP handling for Voice over IMS							Replaced by S2-034241 before the presentation
09.2	<a href="#">S2-034215</a>	Fujitsu	Terminal Capability with SIP Registration	23.228	375	C	6.3.0	6	IMS2	Revised to S2-034288
09.2	<a href="#">S2-034216</a>	Fujitsu	SIP Forking	23.228	376	F	6.3.0	6	IMS2	Will be discussed with S2-034288 and revised to S2-034333

09.1	<a href="#">S2-034217</a>	Fujitsu	GUP Annex B terminal Capability negotiation for IMS	23.240	012	F	6.1.0	6	GUP	Revised to S2-034290
09.8	<a href="#">S2-034218</a>	Vodafone	Introduction of IMS to LCS Architecture	23.271	221r1	B	6.5.0	6	LCS2	Noted
09.9	<a href="#">S2-034219</a>	Vodafone UK	Transcoder evolution							Noted
08.2	<a href="#">S2-034220</a>	Vodafone UK	Change to editor's note	23.195	009	F	5.1.0	5	LATE_UE	Approved
09.9	<a href="#">S2-034221</a>	Vodafone UK	Additional information relating to S2-034219 on Transcoder Evolution							Noted and invite revised contribution for the next meeting
09	<a href="#">S2-034222</a>	Ericsson	<a href="#">Analysis of new OSA R6 requirement</a>							Noted and LS to CN5 in S2-034258
08.1	<a href="#">S2-034223</a>	Ericsson	Clarification of Trust Domain restriction for IMS	23.228	377	F	5.10.0	5	IMS-CCR	Revised to S2-034285
09.2	<a href="#">S2-034224</a>	Ericsson	Clarification of Trust Domain for IMS	23.228	378	B	6.3.0	6	IMS2	Revised to S2-034305
09.2	<a href="#">S2-034225</a>	Ericsson	HSS as database for the PSI handling	23.228	379	C	6.3.0	6	IMS2	Revised to S2-034300
09.2	<a href="#">S2-034226</a>	Ericsson	PSI corrections	23.228	380	C	6.3.0	6	IMS2	Revised to S2-034301
09.11	<a href="#">S2-034227</a>	Ericsson	PoC Latency/early media requirement							Revised to S2-034265
09.11	<a href="#">S2-034228</a>	Ericsson	PoC Ad-hoc group requirements							Withdrawn
09.7	<a href="#">S2-034229</a>	Ericsson	Addition of subclause describing radio aspects for PS based emergency calls							Revised to S2-034325
09.9	<a href="#">S2-034230</a>	Lucent Technologies, Ericsson	Proposed changes to sections 2 and 9 of TR23.977 v030 (BARS)							This was ready to be revised to S2-034296 but has no comments and finally approved
09.8	<a href="#">S2-034231</a>	Lucent	Emergency PDP Attach to trigger PS NI Location	23.271	235	F	6.5.0	6	LCS2	Noted
09.8	<a href="#">S2-034232</a>	Lucent	Impact of E112 Requirements on TS23.271							Noted. Response LSs in S2-034053 and S2-034054
09.2	<a href="#">S2-034233</a>	Ericsson	Spare							Not used
09.11	<a href="#">S2-034234</a>	Ericsson	PoC TR for the meeting							Approved
09.8	<a href="#">S2-034235</a>	Siemens	Integration of IMS users in the LCS architecture							Noted and invited to bring a joint and combined contribution for the next meeting
09.10	<a href="#">S2-034236</a>	Vodafone	Editorial Update of TR 23.877 to v0.1.1							The changes are reflected to S2-034322
09.10	<a href="#">S2-034237</a>	Vodafone	Remove Charging and Roaming Sections to PS and IMS Domain							Revised to S2-034323

			Based on TR23.877v0.1.1							
	<a href="#">S2-034238</a>	SA2	[DRAFT] Reply LS on security implications of Gq interface							Revised to S2-034362
	<a href="#">S2-034239</a>	SA2	Draft Reply LS to CN5							Revised to S2-034363
	<a href="#">S2-034240</a>	SA2	[Draft] Input for "Reply LS to 3GPP on principles for overlapping issues with OMA regarding PoC"							Revised to S2-034368
	<a href="#">S2-034241</a>	Siemens, 3								This was discussed together with S2-034174 and S2-034175 and noted
	<a href="#">S2-034242</a>	SA2	Draft Reply LS to T2 on identifying MMS Enabled devices and MMS Capabilities of those devices							Noted
	<a href="#">S2-034243</a>	Nortel	Serving network identity from SGSN to GGSN	03.60	217 r3	F	6.11.0	97	TEI	Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary
	<a href="#">S2-034244</a>	Nortel	Serving network identity from SGSN to GGSN	03.60	218 r3	A	7.9.0	98	TEI	Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary
	<a href="#">S2-034245</a>	Nortel	Serving network identity from SGSN to GGSN	23.060	471 r3	F	3.15.0	99	TEI	Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary
	<a href="#">S2-034246</a>	Nortel	Serving network identity from SGSN to GGSN	23.060	472 r3	A	4.8.0	4	TEI	Agreed to be technically correct and Added to an LS (S2-034249) to SA plenary
	<a href="#">S2-034247</a>	Nortel	Serving network identity from SGSN to GGSN	23.060	473 r3	F	5.6.0	5	TEI	Approved
	<a href="#">S2-034248</a>	Nortel	Serving network identity from SGSN to GGSN	23.060	474 r3	F	6.2.0	6	TEI	Approved
	<a href="#">S2-034249</a>	SA2	Draft LS on Serving network identity from SGSN to GGSN							Revised to S2-034369
	<a href="#">S2-034250</a>	Nokia	PFI correction	23.060	465 r4	F	3.15.0	99	TEI	Approved
	<a href="#">S2-034251</a>	Nokia	PFI correction	23.060	466 r2	A	4.8.0	4	TEI	Approved
	<a href="#">S2-034252</a>	Nokia	PFI correction	23.060	467 r2	A	5.6.0	5	TEI	Approved
	<a href="#">S2-034253</a>	Nokia	PFI correction	23.060	469 r1	F	6.2.0	6	TEI	Revised to S2-034377 after the meeting as CR number is wrong
	<a href="#">S2-034254</a>	SA2	<b>DRAFT</b> Pending Decision on A Interface Functionality for Early UE handling							Revised to S2-034370
	<a href="#">S2-034255</a>	Vodafone	Security Issue with Multiple PDP Contexts	23.060	434 r7	B	6.2.0	6	TEI6	Revised to S2-034327 before presentation
	<a href="#">S2-034256</a>	Nortel Networks,	BSS PFC procedures at PDP context modification	23.060	478 r3	F	6.2.0	6	TEI6	Revised to S2-034328

		Nokia								
09.5	<a href="#">S2-034257</a>	RIM	Discussion on NRPCA							Noted
	<a href="#">S2-034258</a>	SA2	[Draft] LS on Completion of stage2 work related to OSA Rel 6 High Availability requirement							Revised to S2-034385 via e-mail approval
	<a href="#">S2-034259</a>	SA2	Reply to LS on Explicit Data Volume Reporting in RNC							Revised to S2-034371
09	<a href="#">S2-034260</a>	Nokia	Gq reference point	23.002	135 r3	B	6.2.0	6	QoS1	Revised to S2-034340
09	<a href="#">S2-034261</a>	Nokia	Defintion of the Application Function	23.207	067	F	6.0.0	6	QoS1	Approved
	<a href="#">S2-034262</a>	Vodafone UK	Completion of list of SGSN charging information needed by GGSN							Approved
	<a href="#">S2-034263</a>	Nokia	Gq-related updates to the signaling flows	23.207	065 r1	B	6.0.0	6	QoS1	Revised to S2-034339
	<a href="#">S2-034264</a>	Nokia	Relation of OMA's PoC architecture and the IMS core architecture							Approved
	<a href="#">S2-034265</a>	Ericsson	PoC Latency/early media requirement							Revised to S2-034337
10.4	<a href="#">S2-034266</a>	Alcatel	Charging models							Approved in plenary
	<a href="#">S2-034267</a>	SA2	[DRAFT] Further development of TR 23.825, IP Flow Based Charging							Revised to S2-034373
10.4	<a href="#">S2-034268</a>	Ericsson	Charging key							Approved
10.4	<a href="#">S2-034269</a>	Ericsson	Message Flows							Revised to S2-034346 and will be handled in e-mail approval
	<a href="#">S2-034270</a>									Not used
	<a href="#">S2-034271</a>									Not used
	<a href="#">S2-034272</a>									Not used
	<a href="#">S2-034273</a>									Not used
	<a href="#">S2-034274</a>									Not used
	<a href="#">S2-034275</a>									Not used
	<a href="#">S2-034276</a>	Huawei, China Mobile	Enhanced LDR reference number in R5	23.271	228 r1	C	5.8.0	5	LCS2	Revised to S2-034389 after the meeting
	<a href="#">S2-034277</a>	Huawei, China Mobile	Enhanced LDR reference number in R6	23.271	229 r1	C	6.5.0	6	LCS	Revised to S2-034353
	<a href="#">S2-034278</a>	Huawei, China Mobile,	Correction of UE available event cancellation procedure	23.271	230 r1	F	6.5.0	6	LCS2	New version in S2-034057

		Nokia								
10.4	<a href="#">S2-034279</a>	Nortel	TPF at GGSN for GPRS							Postponed to the next meeting
10.4	<a href="#">S2-034280</a>	Nortel	OCS triggers for charging rule changes							Postponed to the next meeting
	<a href="#">S2-034281</a>	Samsung, Nokia	3G PS based services in scenario 3							Will be discussed in WLAN session and revised to S2-034047
	<a href="#">S2-034282</a>	Ericsson	Subscribe Operation, Subscription Status	23.240	010 r2	B	6.1.0	6	GUP	Approved
08.1	<a href="#">S2-034283</a>	Siemens	Restrictions on Sessions without IMS required capabilities	23.228	367 r1	F	5.10.0	5	IMS-CCE	Approved
	<a href="#">S2-034284</a>	SA2	<b>DRAFT</b> LS Response on “Questions on the possibility to not use Preconditions in Release 5”							Revised to S2-034387 via e-mail approval
	<a href="#">S2-034285</a>	Ericsson	Clarification of Trust Domain restriction for IMS	23.228	377 r1	F	5.10.0	5	IMS-CCR	Approved
	<a href="#">S2-034286</a>	Siemens	Session based messaging principles							Withdrawn
	<a href="#">S2-034287</a>	Siemens	Forking support in MGCF and AS	23.228	368 r1	C	6.3.0	6	IMS2	Revised to S2-034329
	<a href="#">S2-034288</a>	Fujitsu, Nokia, Ericsson	Terminal Capability with SIP Registration	23.228	375 r1	C	6.3.0	6	IMS2	Revised to S2-034332
	<a href="#">S2-034289</a>	Nortel Networks	IP flows on same or separate PDP contexts	23.228	370 r1	C	6.3.0	6	IMS2	Noted and LS to CN3 in S2-034335
	<a href="#">S2-034290</a>	Fujitsu	GUP Annex B terminal Capability negotiation for IMS	23.240	012 r1	F	6.1.0	6	GUP	Approved
	<a href="#">S2-034291</a>	SA2	Draft Reply LS on Hierarchical Structure in GUP Specs							Revised to S2-034372
09.9	<a href="#">S2-034292</a>	Siemens	Packet Transport Transit network between PLMNs							Approved
	<a href="#">S2-034293</a>	Nortel Networks	Proposed revisions to BARS TR							Approved
	<a href="#">S2-034294</a>	Lucent	Proposed changes to section 8 of TR23.977 (BARS)							Conditionally approved (involved parties have to check revision)
	<a href="#">S2-034295</a>	Lucent	Discussion on GUP information model							Noted
	<a href="#">S2-034296</a>	Lucent Technologies, Ericsson	Proposed changes to sections 2 and 9 of TR23.977 v030 (BARS)							Withdrawn
11.1	<a href="#">S2-034297</a>	BARS rapporteur	New updated WID of BARS							Approved
	<a href="#">S2-034298</a>	BARS	New version of the TR of BARS							Approved

		rapporteur	for information to SA plenary							
	<a href="#">S2-034299</a>	Nokia	GUP information model improvement	23.240	011 r1	C	6.1.0	6	GUP	Approved
	<a href="#">S2-034300</a>	Ericsson	HSS as database for the PSI handling	23.228	379 r1	C	6.3.0	6	IMS2	Approved
	<a href="#">S2-034301</a>	Ericsson	PSI corrections	23.228	380 r1	C	6.3.0	6	IMS2	Approved
	<a href="#">S2-034302</a>	Nokia	AS originated sessions	23.228	369 r1	B	6.3.0	6	IMS2	Revised to S2-034334
	<a href="#">S2-034303</a>	Nortel Networks	Requirements for IM CN Subsystem signalling flag	23.228	371 r1	B	6.3.0	6	IMS2	Revised to S2-034330
	<a href="#">S2-034304</a>	Nortel Networks	Requirements for IM CN Subsystem signalling flag	23.207	066 r1	B	6.0.0	6	IMS2	Revised to S2-034331
	<a href="#">S2-034305</a>	Ericsson	Clarification of Trust Domain for IMS	23.228	378 r1	B	6.3.0	6	IMS2	Approved
	<a href="#">S2-034306</a>	Ericsson	UICC-less PS based emergency calls; clarifications and alignment with CS based emergency calls							Approved
	<a href="#">S2-034307</a>	Nortel Networks	IP Flow Charging impacts on other mechanisms							Withdrawn and will be available in the next meeting
	<a href="#">S2-034308</a>	Siemens	Translating an Emergency SIP URI into a routable E.164 Number							Approved
10.1	<a href="#">S2-034309</a>	Siemens, Huawei, Orange	Clarification of MBMS UE Context plus GERAN functionality	23.246	007 r3	C	6.0.0	6	MBMS	Revised to S2-034378 after the meeting though it is approved in the plenary as the revision number is incorrect.
10.1	<a href="#">S2-034310</a>	Siemens	Verification of UE bearer capabilities	23.246	022 r2	B	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-034311</a>	Siemens	Corrections for TMGI, linked NSAPI and service ID	23.246	020 r1	F	6.0.0	6	MBMS	Revised to S2-034379 after the meeting as revision number is wrong
10.1	<a href="#">S2-034312</a>	Vodafone	MBMS point to point repair/charging/decrypt service	23.246	015 r3	B	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-034313</a>	SA2	[DRAFT] LS on paging coordination for MBMS and other services							Revised to S2-034376
10.1	<a href="#">S2-034314</a>	Orange	Inclusion of GERAN attributes and parameters in MBMS	23.246	001 r4	C	6.0.0	6	MBMS	Revised to S2-034382 after the meeting
10.1	<a href="#">S2-034315</a>	Orange	Inclusion of GERAN functionality in MBMS Notification procedure and session ID	23.246	002 r4	C	6.0.0	6	MBMS	Approved in plenary
10.1	<a href="#">S2-034316</a>	Orange	Inclusion of GERAN functionality in MBMS	23.246	003 r4	C	6.0.0	6	MBMS	Approved in plenary

			procedures							
10.1	<a href="#">S2-034317</a>									Not used
10.1	<a href="#">S2-034318</a>									Not used
	<a href="#">S2-034319</a>	Orange, Nokia	IPv4 IPv6 IMS Interworking Scenarios							Approved with changes to be made by the editor in the new version of the draft TR
	<a href="#">S2-034320</a>	Vodafone	Security Issue with Multiple PDP Contexts							Withdrawn
	<a href="#">S2-034321</a>	RIM	Updates to Push TR 23.976							Approved
	<a href="#">S2-034322</a>	Vodafone	SES TR 0.1.2							Approved
	<a href="#">S2-034323</a>	Vodafone	Remove Charging and Roaming Sections to PS and IMS Domain Based on TR23.877v0.1.1							Partially Approved
09.1 0	<a href="#">S2-034324</a>	Vodafone	Cover Sheet for New version of TR 23.877 v0.2.0							Revised to S2-034336
	<a href="#">S2-034325</a>	Ericsson	Addition of subclause describing radio aspects for PS based emergency calls							Approved
	<a href="#">S2-034326</a>	SA2	Draft Reply LS on high bandwidth communication capability for USAT							Revised to S2-034364
	<a href="#">S2-034327</a>	Vodafone	Security Issue with Multiple PDP Contexts	23.060	434 r8	B	6.2.0	6	TEI6	Approved
	<a href="#">S2-034328</a>	Nortel Networks, Nokia	BSS PFC procedures at PDP context modification	23.060	478 r3	F	6.2.0	6	TEI	Approved
	<a href="#">S2-034329</a>	Siemens	Forking support in MGCF and AS	23.228	368 r2	C	6.3.0	6	IMS2	Approved
	<a href="#">S2-034330</a>	Nortel Networks	Requirements for IM CN Subsystem signalling flag	23.228	371 r2	B	6.3.0	6	IMS2	Approved
	<a href="#">S2-034331</a>	Nortel Networks	Requirements for IM CN Subsystem signalling flag	23.207	066 r2	B	6.0.0	6	IMS2	Revised to S2-034380 after the meeting
	<a href="#">S2-034332</a>	Fujitsu, Nokia, Ericsson	Terminal Capability with SIP Registration	23.228	375 r2	C	6.3.0	6	IMS2	Approved
	<a href="#">S2-034333</a>	Fujitsu	SIP Forking							Postponed
	<a href="#">S2-034334</a>	Nokia	AS originated sessions	23.228	369 r2	B	6.3.0	6	IMS2	Revised to S2-034383 after the meeting
	<a href="#">S2-034335</a>	SA2								Withdrawn
09.1 0	<a href="#">S2-034336</a>	Vodafone	Cover Sheet for New version of TR 23.877 v0.2.0							Approved
	<a href="#">S2-034337</a>	Ericsson	PoC Latency/early media requirement							Approved
	<a href="#">S2-034338</a>	Orange,	IPv4 IPv6 IMS Interworking							Withdrawn



		Nokia	Scenarios							
	<a href="#">S2-034339</a>	Nokia	Gq-related updates to the signaling flows	23.207	065 r2	B	6.0.0	6	QoS1	Approved
	<a href="#">S2-034340</a>	Nokia	Gq reference point	23.002	135 r4	B	6.2.0	6	QoS1	Approved
05	<a href="#">S2-034341</a>	GSMA WLAN Doc 124_03r2	LS to 3GPP SA, SA2 on GSM Association requirements for I-WLAN scenario 3							Postponed to the next meeting
	<a href="#">S2-034342</a>	siemens	Determination of charging rules							Approved
	<a href="#">S2-034343</a>	Siemens	Application of charging rules							Approved
	<a href="#">S2-034344</a>	Alcatel	GPRS level charging and IP flow level charging							Approved
	<a href="#">S2-034345</a>	Alcatel	Clarification of the termination action							Approved
	<a href="#">S2-034346</a>	Ericsson	Message Flows							Revised to S2-034386 via e-mail approval after the meeting
	<a href="#">S2-034347</a>	Nortel Networks, Nokia, Siemens, Huawei, Orange, AWS, Ericsson	Simple W-APN resolution							Approved
	<a href="#">S2-034348</a>	SA2	Draft LS to SA on further proceeding on approval of TS 23.234 on 3GPP-WLAN Interworking							Revised to S2-034366
	<a href="#">S2-034349</a>	WLAN session chairman	WLAN session report							Approved
	<a href="#">S2-034350</a>	MBMS Convenor	MBMS session report							Approved
	<a href="#">S2-034351</a>	SA2	Draft LS on SA2 updates of the Work Plan							Revised to S2-034367
	<a href="#">S2-034352</a>	MCC	Proposed SA2 work plan							Revised to S2-034355
	<a href="#">S2-034353</a>	Huawei, China Mobile	Enhanced LDR reference number in Rel 6	23.271	229 r2	F	6.5.0	6	LCS	Approved
	<a href="#">S2-034354</a>	LCS convenor	LCS session report							Approved
	<a href="#">S2-034355</a>	MCC	Proposed SA2 work plan							Agreed

	<a href="#">S2-034356</a>	Nortel Networks	TS 23.234 Cover Sheet for SA#22							Approved
	<a href="#">S2-034357</a>	WLAN rapporteur	23.234 v.2.3.0							Will be reviewed via e-mail until next Thursday
	<a href="#">S2-034358</a>									Not used
	<a href="#">S2-034359</a>	SA2	Reply to OCG EMTEL EM05td018r1							Approved
	<a href="#">S2-034360</a>	SA2	LS to ETSI TISPAN on E112 Requirements							Approved
	<a href="#">S2-034361</a>	SA2	LS to report the status of location services standardisation in 3GPP SA2							Approved
	<a href="#">S2-034362</a>	SA2	Reply LS on security implications of Gq interface							Approved
	<a href="#">S2-034363</a>	SA2	Reply LS to CN5 on Request for clarification on the scope of the Ut interface towards the OSA-SCS							Approved
	<a href="#">S2-034364</a>	SA2	Reply LS on high bandwidth communication capability for USAT							Approved
	<a href="#">S2-034365</a>	SA2	Draft LS to GSMA WLAN TF to clarify requirements for I-WLAN							Revised to S2-034374
	<a href="#">S2-034366</a>	SA2	LS to SA on further proceeding on approval of TS 23.234 on 3GPP-WLAN Interworking							Approved
	<a href="#">S2-034367</a>	SA2	LS on SA2 updates of the Work Plan							Approved
	<a href="#">S2-034368</a>	SA2	Input for "Reply LS to 3GPP on principles for overlapping issues with OMA regarding PoC"							Approved
	<a href="#">S2-034369</a>	SA2	Draft LS on Serving network identity from SGSN to GGSN							Revised to S2-034375
	<a href="#">S2-034370</a>	SA2	Pending Decision on A Interface Functionality for Early UE handling							Approved
	<a href="#">S2-034371</a>	SA2	Reply to LS on Explicit Data Volume Reporting in RNC							Approved
	<a href="#">S2-034372</a>	SA2	Reply LS on Hierarchical Structure in GUP Specs							Approved
	<a href="#">S2-034373</a>	SA2	Further development of TR 23.825, IP Flow Based Charging							Approved
	<a href="#">S2-034374</a>	SA2	LS to GSMA WLAN TF to							Approved

			clarify requirements for I-WLAN							
	<a href="#">S2-034375</a>	SA2	LS on Serving network identity from SGSN to GGSN							Approved
	<a href="#">S2-034376</a>	SA2	LS on paging coordination for MBMS and other services							Approved
	<a href="#">S2-034377</a>	Nokia	PFI correction	23.060	468 r1	F	6.2.0	6	TEI	Approved
10.1	<a href="#">S2-034378</a>	Siemens, Huawei, Orange	Clarification of MBMS UE Context plus GERAN functionality	23.246	007 r4	C	6.0.0	6	MBMS	Approved
10.1	<a href="#">S2-034379</a>	Siemens	Corrections for TMGI, linked NSAPI and service ID	23.246	020 r2	F	6.0.0	6	MBMS	Approved
	<a href="#">S2-034380</a>	Nortel Networks	Requirements for IM CN Subsystem signalling flag	23.207	066 r3	B	6.0.0	6	IMS2	Approved
	<a href="#">S2-034381</a>	3	Removal of security information in TS 23.246	23.246	030	F	6.0.0	6	MBMS	Approved
	<a href="#">S2-034382</a>	Orange	Inclusion of GERAN attributes and parameters in MBMS	23.246	001 r5	C	6.0.0	6	MBMS	Approved
	S2-034383	Nokia	AS originated sessions	23.228	369 r3	B	6.3.0	6	IMS2	Approved
	<a href="#">S2-034384</a>	SA2	Questions on re-authentication for end-to-end tunnel establishment							Approved via e-mail approval after the meeting
	<a href="#">S2-034385</a>	SA2	LS on Completion of stage2 work related to OSA Rel 6 High Availability requirement							Approved via e-mail approval after the meeting
10.4	<a href="#">S2-034386</a>	Ericsson	Message Flows							Approved via e-mail approval after the meeting
	<a href="#">S2-034387</a>	SA2	LS Response on “Questions on the possibility to not use Preconditions in Release 5”							Approved via e-mail approval after the meeting
	S2-034388	Huawei, China Mobile, Nokia	Correction of UE available event cancellation procedure	23.271	230 r3	F	6.5.0	6	LCS2	Approved
	<a href="#">S2-034389</a>	Huawei, China Mobile	Enhanced LDR reference number in R5	23.271	228 r2	C	5.8.0	5	LCS2	Approved
09.8	S2-034390	Huawei, China Mobile	Additional privacy check in deferred location request cancellation procedure	23.271	213 r4	F	6.5.0	6	LCS2	Approved

## Annex B. Attendee list

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## Annex C. The result of e-mail approval

### SA2#36 Documents for E-mail approval (December 5<sup>th</sup>, 18:00 CET)

Deadlines for e-mail approval are as follows;

The deadline for revised documents is 18:00 CET on December 4<sup>th</sup>, Thursday, and the final deadline date is 18:00 CET on December 5<sup>th</sup>, Friday.

If no comment on a certain document by the first deadline, it is approved at the first deadline.

Revised versions can be proposed before the first deadline, and after the first deadline no more revised version will be accepted. If no objection on a certain revised version before the final deadline, it is approved at the final deadline

**To keep track of the discussions and conclusions, please clearly indicate "[e-mail approval, S2-03xxxx]" in the subject line, when distributing the documents or commenting on the documents for e-mail approval.**

Order	set	Ag. Item	Tdoc #	Source	Title	Spec	CR #	comment	Version	Rel	WI	Summary	Date to be posted (posted by)	Date commented (commented by)	Status approval
		10.3	S2-034346	Ericsson	Messaging Flows							Revision of S2-034269, which was revised from S2-034064	Available at SA2#36	Dec. 3, Mirko (Siemens) proposed some modifications to improve the wording and consistency of the call flows in the revision 1 (Rev.1).	The R (by Sieme Appro and renum to S2-03438
			S2-034044	Nortel Networks (Mark)	[DRAFT] Questions on re-authentication for end-to-end tunnel establishment							LS to SA3 (copy to CN1)	Available at SA2#36		Appro Revis S2-03 with d "Draft the tit 03438 appro
			S2-034048	Ericsson	Draft Reply LS on							LS to CN1	Available	Dec. 2, Nicolas (Orange)	Not

Order	set	Ag. Item	Tdoc #	Source	Title	Spec	C R #	c a t	Version	Rel	W I	Summary	Date to be posted (posted by)	Date commented (commented by)	Status
				(Tomas)	WLAN requirements								at SA2#36	<p>proposed to postpone discussion on I-WLAN SSIDs to the next SA2 meeting in Innsbruck. Nicolas could agree on the answer to question 1 in this document, so he proposed a revision (Rev.1) including only the answer to the question.</p> <p>Dec. 3, Farooq (AWS) supported the original version, because it captured SA2's current opinion and also was in line with what was documented in the TS.</p> <p>Dec. 3, Adrian (RIM) preferred to wait until end of Innsbruck to send this LS response.</p> <p>Dec. 3, Richard (Samsung) objected to send this LS to CN1 before the Innsbruck meeting.</p> <p>Dec. 3, Tomas (Ericsson) accepted to wait to send the LS until after the Innsbruck meeting, also he asked if the answer to the first questions in the LS was agreed.</p> <p>Dec. 5, Gyuri (Nokia) supported to postpone the LS in 4048 to the Innsbruck meeting.</p>	approved
			S2-034284	Siemens (Alex)	DRAFT LS Response on "Questions on the possibility to not use Preconditions in Release 5"							Response LS to N1-031725/S2-033907. To: CN1. Attachment: S2-034283 which was approved at SA2#36	Available at SA2#36	<p>Dec. 2, a comment from Francois (Orange) was the LS in this document would no help CN1 to solve the interworking issue CN1 had identified, so Francois proposed to modify the LS in the revOrange (=Rev.1).</p> <p>Dec. 3, Mark (Nortel Networks) disagreed that the existing specs</p>	The R (by N Network Appro and re to S2-03438 deletin "Draft the tit

Order	set	Ag. Item	Tdoc #	Source	Title	Spec	C R #	c a t	Version	Re l	W I	Summary	Date to be posted (posted by)	Date commented (commented by)	Status appro
														<p>allowed a network to prevent a session without pre-condition, so he objected to the Rev.1 and the original version.</p> <p>Dec. 3, Tom (Lucent) agreed to the LS since it did not require any changes to the existing specifications.</p> <p>Dec. 4, Mark proposed the revision 2 (Rev.2) including his comment on the backwards compatibility issue in future releases.</p> <p>Dec. 3, Keith (Lucnet) commented on Mark.</p> <p>Dec. 3, Tom supported Mark's additional text to either version of the LS.</p> <p>Dec. 4, Alex (Siemens) accepted the Rev.2 by Mark</p> <p>Dec. 4, Mark answered Keith.</p> <p>Dec. 4, Francois objected the Rev.2 by Mark.</p> <p>Dec. 4, Alex (Siemens) proposed the revision 3 (Rev. 3).</p> <p>Dec 4, Alex (O2) supported the Orange's proposal (Rev.1).</p> <p>Dec. 4, Francois thanked Alex (Siemens), but proposed to postpone the discussion on this LS to Innsbruck. Upon receiving Francois's proposal, Alex (Siemens) said SA2 should move forward now, because CN1 delegates have a short time between the next SA2 and CN1.</p> <p>Dec. 4, Mark supported the Rev.3 by Alex (Siemens).</p> <p>Dec. 4, Francois answered Alex</p>	

Order	set	Ag. Item	Tdoc #	Source	Title	Spec	CR #	cat	Version	Rel	WI	Summary	Date to be posted (posted by)	Date commented (commented by)	Status approval
														<p>(Siemens), and Francois proposed to sent CN1 the Rev.1, but objected to other revisions. Dec. 4, Shabnam (Ericsson) supported the Rev.3 by Alex (Siemens)</p> <p>Dec. 4, Mark (Nortel Networks) proposed the Rev.4 based on the Rev.1 by Fracois (Orange), but the Rev.4 was proposed after the first deadline, so it's difficult for us to accept the Rev.4 according to SA2 e-mail approval rules.</p> <p>Dec. 4, Tom proposed the Rev3 or Rev.4.</p> <p>Dec. 5, Francois (Orange) and Mirko (Siemens) accepted the Rev.4 by Mark (Nortel Networks)</p>	
			S2-034258	Ericsson (Shabnam)	[Draft] LS on Completion of stage2 work related to OSA Rel 6 High Availability requirement							LS to CN5	Available at SA2#36		Approved Revision S2-03 with d "Draft the tit S2-03 was approv