3rd Generation Partnership Project

REPORT Version 1
Draft

TSG_SA_WG1#13 Plenary Meeting

Lake Tahoe, USA
9th to 13th July 2001

TSG_SA WG1 Chairman: **Kevin Holley**
Secretary: **Michael Clayton**

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S1-010687.doc

DRAFT MEETING REPORT

1 Opening of the Meeting

The TSG_SA_WG1#13 Plenary Meeting was held in Lake Tahoe, USA from the 9th to 13th July 2001. It was chaired by Mr Kevin Holley (BT Wireless) and the secretary was Mr Michael Clayton from the MCC. The host was SBC.

Mr Chuck Bailey welcomed the delegates to Lake Tahoe one of the most spectacularly beautiful parts of the USA. He recognised the help of Lucent Technologies for network equipment and AWS for the social event.

2 Agreement of the agenda

Document	Title	Source
S1-010600	Agenda of SA1 meeting #13	MCC

The agenda was approved without comment. It was updated as the meeting progressed.

3 Call for IPR
The chairman made the standard call for IPR:

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

4 Report of the last meeting

Document	Title	Source
S1-010592	Report of SA1 meeting #12	MCC
S1-010769	Report of SA1 meeting #12	MCC

Some minor comments had been made to the report and S1-010592rev contains some revision marks. It was approved and was provided in document S1-010769 in its final form.

5 Reports from other groups

5.1 SA

Document Number	Title	Source
S1-010593	LS to TS1 on Service Provider Name	T3
S1-010594	Clarification of PLMN Name Indication and Service Provider Name Indication feature.	T3

S1-010595	Clarification of PLMN Name Indication and Service Provider Name Indication feature.	MCC
S1-010612	Proposed modifications to project plan for VHE	VHE chairman
S1-010767	Report from SA plenary #13	Vice Chair
S1-010768	Liaison statement to ECTRA and 3GPP on Mobile Virtual Network Operators	SPAN11 WP NAR
S1-010641	Liaison statement on Mobile Country Code and 3 digit Mobile Network Code	3GPP TSG CN

A brief report of the meeting was provided in document S1-010767. There was some questions on the subscription for GTT. In SA it was noted that there could be some comments to SA1 on this issue, but that this should be done under change control and so the TS 22.226 was approved.

At our last meeting we sent a liaison statement to T3 on Service provider name in S1-010557 to which we attached a CR to 22.101 (S1-010588). We also had a companion CR in S1-010589 for Rel-5. The agreement was that if T3 had a problem then this will be communicated to the expander and an email discussion will be needed. If not, then it will be sent to SA #12 for approval. T3 did have a problem with the CR and updated the Rel-4 version of it.

Document S1-010593 contained a liaison statement from T3 to accompany this revision. The revised CR was provided in document S1-010594 that was presented to and approved by SA #12. Document S1-010595 was a Rel-5 version of the CR which was also approved by SA#12. They were noted.

Document S1-010612 contained a number of revisions proposed for the VHE entry on the project plan. It was noted since it has been approved by email and has been included in the project plan for SA #12.

It was commented that during the SA plenary a document was provided by the UMTS Forum with a number of recommendations. One of them related to charging and it was suggested that a study group (Ad-Hoc) probably needs to be set up to look into this comprising SA5 and SA2 members. It was considered that this should involve SA WG1 to set the requirements in conjunction with other service requirements. It was considered essential to follow up this topic in order to ensure that systems are in place for use by Operators.

The potential dates for this meeting will be provided as soon as they are known.

Document S1-010768 contained a liaison statement from SPAN 11-2 on Mobile Virtual Network Operators and the allocation of MCC and MNCs. SPAN 11 is requesting assistance with providing information about the definition, nature and current regulation of Mobile Virtual Network Operators (MVNOs). The information needed covers the definition and the nature of MVNOs and also the regulation applied to them in the different European countries.

This need arises because SPAN 11 is contributing to work on the possible use of 3-digit E.212 Mobile Network Codes (MNCs) within Europe generated by possible future needs, particularly those of MVNOs. In view of this, it is essential to know if MVNOs need their own MNCs or not.

The problem with this is it does not seem relevant to the work in SA1. It was suggested that we report back to SA that we are not qualified to answer on regulatory or technical questions to which this liaison statement relates.

An answer has been provided by CN in S1-010641 and so the document was noted (see also section 6.3).

5.1.1 SA2

Document Number	Title	Source
S1-010614	Response LS to S1 LS Regarding User Profiles	S2
S1-010710	WI on the End-to-End QoS Architecture for Release 5	S2
S1-010711	LS "SA2 response to CN1 response to SA2 liaison on regarding	S2
S1-010804	draft LS on Cell ID in SIP messages	SA2
S1-010860	draft LS on Cell ID in SIP messages	Nokia

S1-010872	draft LS on Cell ID in SIP messages	Nokia

Document S1-010614 contained a liaison statement from S2 asking for a joint meeting. Since the meeting has taken place, it was noted.

Document S1-010710, which contained a WI on the End-to-End QoS Architecture for Release 5 was noted.

Document S1-010711 contained a LS from SA2 response to CN1 response to SA2 liaison on regarding conformance test requirements for application layer test. It was noted.

A liaison statement from SA2 on Cell ID in SIP messages was received in S1-010804. The key to this is to allow some limited location information based on Cell Global Identity is passed from the UE to the S-CSCF. In order to do this, SIP needs to be modified to allow Service Area Identity (provided that a one to one mapping is used between the (16 bit) Service Area Code and the (16 bit) Cell identifier) to be carried by SIP.

A draft response to this was provided in document S1-010860, in which SA1 agree with the proposed functionality and recognises the effort to maintain similar functionality as seen already in CS domain e.g. for CAMEL. Since the functionality is already available in CS domain the group did not see any privacy implication to send Global Cell Identity to serving network and to home environment. However, noted that there is no reason to send GCI to other end-point; i.e. network should filter this information before sending it to terminal of the remote party. The propose liaison statement was revised to S1-010872, which was approved.

5.1.2   SA3

Document Number	Title	Source
S1-010598	Response to LS (S1-010200) on the Elaboration of KEY IDENTIFICATION EVENT	SA3
S1-010599	TR 31.900 - SIM/USIM Internal and External Interworking Aspects (Copy SA1)	SA3
S1-010714	Reply to LS on rejection of 2G authentication and key agreement by 3G ME with USIM in UTRAN	S3

Document S1-010598 contained a response to LS (S1-010200) on the Elaboration of KEY. At the last meeting of SA1, a CR to 22.038 (S1-010419 or S1-010506) on the Elaboration of KEY IDENTIFICATION EVENT was agreed to be sent to SA #12 for approval. This was originally forwarded to SA3 in S1-010200 from Capetown and was subsequently addressed and revised in Helsinki based on a dialogue between SA1 and T3 (S1-010407). In essence SA3 are asking if the change is for Rel-4 or Rel-5. Since SA1 agreed this change for Rel-5, there was no need to change our decision. This was ratified by a liaison statement sent to SA3 from T3 and received by us towards the end of our last meeting in S1-010579.

In document S1-010598, S3 indicate that this feature must be provided in a secure manner to minimise risks due to malicious USAT applications intercepting keystrokes and will work with T3 in the specification of appropriate control mechanisms.

It was noted that the feature is intended for R4 in the LS but for R5 as indicated in the attached CR. It was noted that S3 doubt that sufficient review could be undertaken in time for R4. This needs to be clarified. Nonetheless, the work is ongoing and so the liaison statement was noted.

Document S1-010599 contained a liaison statement from SA3 on TR 31.900 - SIM/USIM Internal and External Interworking Aspects. This is essentially a dialogue between SA3 and T3 and was copied to SA1. This is a historical document as work has continued since. It was noted.

Document S1-010714 contained a liaison statement from SA3 on rejection of 2G authentication and key. S3 has confirmed that the security architecture was designed under the understanding that if a USIM were used in a 3G terminal to access UTRAN, then 3G authentication would be applied. This would be the case irrespective of whether access were to a home or visited network.

The implication of this is that although USIMs may be issued by an operator, prior to that operator being able to offer 3G service, such USIMs are only able to gain service from GSM networks when the operator provisions 3G authentication in its AuC. This document was noted.

5.1.3 SA4

Document Number	Title	Source
S1-010619	Response LS on Voice Bearer Interworking	SA4
S1-010620	Reply to LS Reply on Extended Streaming Service	SA4
S1-010621	Reply to "LS on Extended Streaming Service" and "LS regarding User Profile"	SA4

Document S1-010619 contained a liaison statement on Voice Bearer Interworking. SA4 are indicating that using the AMR has a certain number of implications, such as the definition and possibly negotiation of an ACS (Active Codec Set) since it is likely that not all the modes of the AMR are used for a given call. AMR implies also the use of a Codec Mode Indication and a Codec Mode Request in order to be able to switch from one rate to another. These different aspects must be taken into account when adopting the AMR. Finally there are different VAD/DTX schemes for AMR and possibly EFR to be taken into account.

There is no action on our part and so it was noted.

Document S1-010620, which contained a liaison statement on Extended Streaming Service. This was passed to the streaming ad hoc as was document S1-010621.

5.1.4 SA5

Document Number	Title	Source
S1-010622	Reply to SA1 (S1-010584) "IP multi-media charging principle (CR to 22.115)"	SA5
S1-010623	LS reply to SA1 VHE Ad-Hoc "on Service Provisioning"	SA5
S1-010624	LS in reply to three related User Equipment Management liaisons	SA5
S1-010625	LS reply to SA1 LS "regarding User Profile"	SA5
S1-010626	LS in reply to WAP Forum message titled "Exploratory LS concerning Mobile Device Management"	SA5
S1-010627	LS to CN5 on OSA	SA5

Document S1-010622 contained a reply to an SA1 liaison statement in S1-010584 on IP multi-media charging principle and a proposed change to 22.115 (although not in CR form). It would appear that SA5 are happy with the change and so the change in CR form could go ahead.

However, it was noted that the original liaison statement from SA1 also went to SA2. In SA2, the liaison statement was not addressed although it was understood that many of the issues of this nature are being deferred to the joint meeting on charging in August.

The issue was postponed, and should be input into the joint meeting on charging. The document was noted.

Document S1-010623 contained a liaison statement from SA5 on service provisioning. The work of VHE is now ended and it was agreed that this work will be transferred to IMS. The liaison statement was noted.

Another liaison statement from SA5 was provided in document S1-010624 on User Equipment Management. It was noted since when this was presented in SA, the TSG SA Chairman suggested that a study and report is produced providing the goals and methods to be used, the requirements and interactions with other features, including the responsibility of the different parts of the work and the timescales and phasing. This proposal was agreed and the SA WG5 Chairman was asked to produce such a study report in co-operation with SA WG1, SA WG2, T WG2 and other groups. This was done and the updated WI description provided in TD SP-010286 that was subsequently approved.

Document S1-010625 on User Profile was moved to the User Profile ad hoc (see section 9.10).

Document S1-010626, which contained a liaison statement in reply to WAP Forum message titled "Exploratory LS concerning Mobile Device Management" was noted as it was copied to SA1..

Document S1-010627 contained a liaison statement on OSA. SA5 have identified some potential overlap between the scope of SA5 Telecommunications Management work items and OSA work items within 3GPP.

During the last OSA ad hoc the liaison statement was addressed. Whilst it this is primarily between SA5 and CN5 it was considered at the ad hoc that there should be a presence of SA1 to SA5. Lucent has volunteered to represent the views of SA1 on OSA in the next SA5. This was agreed. See the report of OSA ad hoc in section 9.9.

5.2   CN

5.2.1   CN1

Document Number	Title	Source
S1-010608	LS on Priority Selection Criteria of Calls in a Multicall	CN1
S1-010609	Liaison Statement on Adding New Definitions to 21.905	CN1
S1-010610	Adding new definitions for 21.905 for Iu mode and A/Gb mode	CN1
S1-010611	Adding new definitions to 21.905 for In Iu mode and In A/Gb mode	CN1
S1-010634	Answer LS on Priority Selection Criteria of Calls in a Multicall	R3
S1-010774	Liaison Statement on Adding New Definitions to 21.905	Lucent

Document S1-010608 contained a liaison statement on Priority Selection Criteria of Calls in a Multicall when it is not possible to hand over all bearers in the multicall. This was discussed in the last meeting of SA1 and resulted in a CR in S1-010442 being withdrawn pending a response from CN1 on the issue. Document S1-010608 contained this response, itself a liaison statement to RAN 3 asking them to decide between two CRs advocating two different solutions (embedded in S1-010608).

Proposal A (N1-010816)**:** The selection criteria in TS 23.009 shall be based on the criteria specified by SA1 in TS 22.129, which should be modified to take into account the priority levels for non-speech calls when applicable. This implies that the anchor and target 3G_MSC must be aware if the call is a speech call, which is necessary to be able to apply the criteria from TS 22.129.

Proposal B (N1-010826)**:** The allocation/retention priority shall be used to implement the requirement from SA1 in the stage 2 specification, TS 23.009. This implies that a 3G_MSC-A supporting multicall shall allocate priority levels for all bearers, and that it shall do so in such a way that the criteria from TS 22.129 are met. (In the current version of TS 25.413 the priority is an optional parameter.)

There is also a liaison statement from RAN2 on S1-010634 indicating that RAN3 cannot help although they are posing some questions for use in the further deliberations of CN1. It would appear that there is no resolution as yet, but that work is ongoing. The liaison statements were noted.

Document S1-010609 contained a number of definitions that were to be put into 21.905. There are two CRs in the liaison statement to R99 and Rel-4. These were agreed to be sent to SA #13 for approval in documents S1-010610 and S1-010611. This begs the case as to what should happen for Rel-5. This is for further notice.

An input document on the same subject was provided in document S1-010774. The proposal is to set up some discussion on how to proceed. It was decided to have a new email list called S1_vocabulary. This will be set up in due course. Other interested groups such as GERAN, CN, SA will be invited.

5.2.2   CN2

Document	Title	Source

Number		
S1-010597	Liaison Statement on Optimal Routeing of a forwarded call	CN2
S1-010696	Proposed Liaison Statement to CN2 on the response of CPH charging.LS to CN2 stating that a CR has been submitted to SA1 and that CN2 to note the new requirements.	Vodafone

Document S1-010597 contained a liaison statement on Optimal Routeing of a forwarded call. It was noted that the forwarding from the IPLMN is not allowed to be optimally routed and CN2 is asking SA1 to investigate the issue. The CAMEL ad hoc was not dealt with in the CAMEL ad hoc since it relates to 22.079 rather than 22.078.

A response was provided in document S1-010778 where SA1 agree that the second approach listed in S1-010597, i.e. to allowing forwarding from both the IPLMN and the VPLMN, is the preferred option. It was approved.

Document S1-010696 relates to CAMEL in response to S1-010596 was transferred to the CAMEL work in section 6.2.

5.3   RAN

Document Number	Title	Source
S1-010616	Answer LS to R2 on Guidance needed concerning cell search and multiple PLMN identities on one carrier (Copy to SA1)	R1
S1-010634	Answer LS on Priority Selection Criteria of Calls in a Multicall	R3
S1-010635	LS on Requirements on UE positioning	R2
S1-010636	Response to LS on Guidance needed concerning cell search and multiple PLMN identities on one carrier	R4
S1-010761	eMAIL on EC initiative on Location for Emergency Services	MCC
S1-010785	Proposed LS on requirements on UE positioning	SA1
S1-010817	Proposed LS to S2 on Stop Direct Report	R3

In document S1-010616, R1 is asking R2 for guidance on cell search and multiple PLMN identities on one carrier. It was copied to SA1 and was noted. A response on the same topic by R4 was provided in document S1-010636. This also was noted.

Document S1-010635 contained a LS on Requirements on UE positioning. R2 is asking SA1 for guidance regarding the following issues:

1)   In case of UE based OTDOA where the position is calculated in the UE and sent back to the network, is there a need to specify a minimum required accuracy for the position estimate?
2)   The performance of the OTDOA method varies depending on the environment. Is there a need to specify several different scenarios (e.g. geographical distribution of NodeBs and UE positions; environment like urban, rural etc.)?
3)   In case of Assisted GPS positioning, is it within the scope of 3GPP to specify minimum accuracy requirements for GPS measurements and position estimates?

There were some concerns on the nature of the questions since it appears to determine the accuracy dependent on the positioning method. Moreover, the accuracy can vary depending on the environment. Hence, the goal should be to retain an accuracy on a per positioning basis.

Delegates attention was drawn to S1-010761 which contained an eMAIL on EC initiative on Location for Emergency Services. This is only a proposal and is subject to change. Indeed, it was reported that a meeting will be held on Wednesday and Thursday of this week in which the accuracy could change.

It was agreed that a group should get together to discuss this issue. A response from the group was provided in document S1-010771 in which SA1 indicates that it does not consider itself qualified on testing requirements, but that the requirements for LCS service as far as SA1 is concerned are indicated in TS 22.071 which has been stable for a long time now. Moreover, the liaison statement notes that SA1 the position requirements as a function of applications not to positioning technology (this assumption may not apply to testing).

Finally SA1 recognises that the testing of UE positioning may be complicated and believes that this task can be better accomplished in the RAN groups and goes on to answer the questions posed in S1-010635.

Document S1-010771 was revised on line and was provided in document S1-010785. It was approved and will be sent to R2 and R3.

Document S1-010634 related to document S1-010608 and was noted (see section 5.2.1).

Document S1-010817 contained a liaison statement from R3 on Stop Direct Report. It was copied to SA1 and was noted.

5.4 T

5.4.1 T2

Document Number	Title	Source
S1-010602	LS Reply to SA1's 'Coordination of 3GPP response to WAP WPG Client Provisioning DC on Mobile Device Management LS' Proposal	T2
S1-010605	Correction of MMS paragraph	T2
S1-010615	LS Reply to SyncML initiative Concerning Leveraging SyncML for Mobile Device Management	T2
S1-010629	Generic requirements for support of multiple MExE classmarks	T2
S1-010637	LS on MExE Service Environment	T2
S1-010716	LS on MExE Service Environment	T2
S1-010740	Reply to LS on New feature for SAT originated SMS	T2
S1-010745	Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS)	T2
S1-010773	Reply to LS on New feature for SAT originated SMS	Motorola
S1-010775	Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS)	Chairman
S1-010772	Correction of MMS paragraph	Rapporteur
S1-010633	LS on New feature for SAT originated SMS	T3
S1-010830	Enhanced Messaging Service (EMS) on Cell Broadcast	Chairman

Document S1-010602 contained a liaison statement from T2 Coordination of 3GPP response to WAP WPG Client Provisioning DC on Mobile Device Management LS. This was provided in response to a liaison statement from SA1. T2 is agreeing with SA1 that using a common point of initial contact between 3GPP and Provisioning would be beneficial. However, T2 and SA5, after the initial common contact, are expected to directly communicate with Provisioning.

Once all the legal requirements associated with the cross-SDO efforts promoted by both Provisioning and the SyncML initiative have been cleared as has been necessary in our past dealings with these organisations, T2 expects to take part in such an effort.

The LS was noted.

Document S1-010605 contained a proposed CR to 22.101 to remove an inconsistency between 23.140 and 22.101 on the scope of MMS support for streaming. Whilst the principle of the change is ok, the CR has been made to the wrong version and the work item code is not appropriate. It was decided that this should be revised as SA1 agrees with the service requirement. It was provided in revised form in document S1-010772.

It was noted that the CR is to Rel-4 and there is no release 5 version since the feature is expected to be in Rel-5. It was agreed to be sent to SA #13 for approval.

Document S1-010615 contained a liaison statement from T2 on SyncML initiative Concerning Leveraging SyncML. It was noted, with a comment that service examples are required in this area.

Document S1-010629 contained a proposed CR to 22.057 on support of multiple MExE classmarks. The current description of MExE classmarks in the Stage 1 documentation does not mention the supporting technology, since this is outside the scope of the document, while trying to differentiate each individual classmark. It becomes obvious with the potential introduction of Classmark 4 that this exercise becomes more and more difficult with the current structure.

It was agreed to be sent to SA #13 for approval.

Document S1-010637 contained a liaison statement from T3 to SA2 on MExE Service Environment in which T2 are asking the guidance of S2 on the subject of architectural support of MExE servers (same as S1-010716). The documents were noted.

Document S1-010633 contained a liaison statement from T3 on New feature for SAT originated SMS a reply to which was provided in S1-010740.

It appears that during its May meeting, 3GPP-T3 examined a proposal to standardise a new feature, called "Toolkit originated SMS". The idea is to allow toolkit applications to send SMS to the terminal, where the terminal would process the SMS as if received from the network. T3 is asking both SA1 and T2 to comment. The response from T2 contained several comments.

It was questioned why this is required. Furthermore, it was asked if there is not requirement would the work continue in T3. It was decided to send a liaison statement to T3 suggesting that since there is no requirement, the work should stop.

The reply was provided in document S1-010773. It was approved.

Document S1-010745 contained a liaison statement on Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS). This is once again a new idea for which, at this time, no service requirements exist. This was discussed in the Multicast and Broadcast ad hoc which indicated that their service is entirely new and this does not come under the same WI. It was suggested that someone from T2 should come to SA1 and identify why this is necessary. Alternatively, a liaison statement to T2 indicating that there are no service requirements for this in SA1.

The reply was provided in document S1-010775. It was approved in principle and the final version was provided in S1-010830 which was approved and will be sent.

5.4.2   T3

Document Number	Title	Source
S1-010631	Response to LS S5-010114 (T3-010271) on MExE and User Equipment Management	T3

Document S1-010631 contained a new strand on the WI from SA5 on User Equipment Management (see 5.1.4). It was noted.

5.5   GERAN

Document Number	Title	Source
S1-010617	Proposed LS on Creation of a new specification to handle implementation issues caused by changes to the Release '97 GPRS specifications (Copy to SA1)	GERAN3

Document S1-010617 contained a liaison statement from GERAN3 on Creation of a new specification to handle implementation issues caused by changes to the Release '97 GPRS specifications. This document, a little old and overtaken by events, was noted.

5.6   GSM Association

Document Number	Title	Source
S1-010639	LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	GSM A TWG
S1-010677	Mobile Services Initiative	GSM Association (MRP)
S1-010678	M-Services Guidelines AA.35	GSM Association (MRP)
S1-010776	Reply to LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	Orange
S1-010777	Changes to FDN	Orange
S1-010844	Reply to LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	Orange

Document S1-010639 contained a liaison statement from GSM Association TWG on FDN. GSMA TWG has identified that the terminal behaviour for enabled Fixed Dialling Number (FDN) is not clear. For enabled FDN there seems some uncertainties in the GSM 02.07 standard when SMS, Applications using CSD like WAP and GPRS are used. This paper highlights the problems and proposes modification of the standard.

It was decided that a change should be made, but since the specification of FDN now resides in 22.101, the CR should relate to that. Also, it was considered that this could only really be for Rel-5; it is unlikely that such a change would be accepted for earlier releases. This was described in a LS in document S1-010776 and a CR to 22.101 in S1-010777.

The liaison statement was provided in S1-010776. In it SA1 indicates that the existing text implies that a mobile using a SIM without EF_{ACL} cannot control use of GPRS on a per-APN basis (i.e. it is an 'all or nothing' basis). Because of this, SA1 believes that this requirement to prevent GPRS Attach without EF_{ACL} can be best met by not provisioning GPRS. Therefore SA1 does not see a need to introduce changes to the 3GPP specifications. The liaison statement was revised to S1-010844 which was subsequently approved. Based on this, the document S1-010777 for the CR was not required and it was withdrawn.

Document S1-010677 and S1-010678 contained a liaison statement and PRD from the GSM Association on M-Services. This would appear to be an attempt to identify a particular implementation of WAP.

There was some concern that the file format specified by GSMA is compatible with that defined for EMS by T2. This is an issue for T2 and they should be aware of the work.

It was noted.

5.7   UMTS Forum

Document	Title	Source
S1-010638	Clarification of Service Concepts from the UMTS Forum Market	UMTS Forum

Document S1-010638 contained a discussion document on Service Concepts from the UMTS Forum based on the Service Workshop held earlier this year.

The report referred-to in the document can be found on the UMTS Forum website at: http://www.UMTS-forum.org.

It was noted, and the chairman invited contributions, particularly for the service examples in the Framework Specification in 22.941.

5.8   ETSI

Document Number	Title	Source
S1-010671	DSR presentation from ETSI Aurora	ETSI Aurora
S1-010672	Inclusion of Distributed Speech Recognition capability (DSR) servic`es in 3GPP	Alcatel, France Telecom, Motorola, Qualcomm

S1-010760	LS from Broadband Radio Access Networks	BRAN
S1-010766	DSR presentation from ETSI Aurora	ETSI Aurora
S1-010779	LS from Boardband Radio Access Networks	Samsung
S1-010802	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel /Motorola/Texas Instruments/FT
S1-010803	LS on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel /Motorola/Texas Instruments/FT
S1-010813	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel /Motorola/Texas Instruments/FT
S1-010814	LS on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel /Motorola/Texas Instruments/FT
S1-010846	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel /Motorola/Texas Instruments/FT
S1-010847	LS on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel /Motorola/Texas Instruments/FT

Document S1-010671 was replaced by document S1-010766 and contained a presentation on Distributed Speech Recognition (DSR).

There was a questioned as to what extent is this harmonized with 3GPP SIP. The answer was that it is not, and this is the reason why Aurora is getting more involved in the work. This is the stumbling block that needs to be dealt with.

Additional information on the subject was provided in document S1-010672. It was suggested to send this to the Framework ad hoc for consideration and perhaps to have a section in the Framework specification (see section 9.11).

Document S1-010760 contained a liaison statement from BRAN on an ETSI Project. BRAN sees an increasing demand for wireless 'local area' access in very different scenarios. Wireless access to Internet is provided to public users by the use of currently existing WLAN technology. In companies wireless access is provided to portable computer users by use of the same technology. For residential use wireless access is also increasing. 3rd generation technologies and systems will provide bearers for similar packet switched services, with greater mobility and wider area coverage albeit with reduced data rate. ETSI Project BRAN has developed the HiperLAN II technology as an advanced WLAN platform.

ETSI Project BRAN is inviting 3GPP to start collaboration with the aim of creating the necessary interworking functionality between the two technologies.

Billing and charging is an issue for this, and it is for this reason it has been passed to SA1.

It was asked if this is to be considered as a new access for 3GPP. The answer was not clear.

A response was provided in S1-010779 in which it is indicated that the subject was discussed and it was largely agreed that collaboration was in the best interest of all concerned. Therefore SA 1 will seek to establish a fruitful dialogue for the future. It was approved.

Document S1-010813 (revised from S1-010802) contained a WID on Speech Enabled Services Based on Distributed Speech Recognition (DSR). Also S1-010814 (revised from S1-010803) contained a liaison statement to SA4, SA2 and T2 to study the potential implications on the network and terminal Architecture and protocols of the above points for the Re-5 timeframe.

There were some editorial changes made to the WI, in the linked work items section and in the impacted specifications. It was commented that this is for release 5 and this is very tight. It was answered that this is not

starting from Zero, but rather the work of ETSI Aurora is being utilised. It was decided to keep this for Rel-5 and make a comment to this in the liaison statement.

The WI in S1-010813 was revised and provided in S1-010846. It was agreed to send this SA #13 for approval.

The liaison statement in S1-010814 was provided in S1-010847. It was approved.

It was noted that this WI was referred to the Framework Specification ad hoc. It was answered that this was addressed, but that the group did not feel that it should be included until ratified by SA1. Now this has been done, it is expected that input will be provided in due course and in the format that 22.941 uses.

6 Division of work to adhocs

6.1 IMS

Document Number	Title	Source
S1-010628	LS on GERAN assumption on IMS	GERAN
S1-010642	Comments on TS 22.228 v5.1.0	Ericsson
S1-010652	Release 5 IMS Service Continuity Requirements	Orange
S1-010668	Relationship of IMS public user IDs to subscriptions	AT&T Wireless Services (AWS)
S1-010669	Questions on Charging of IMS based services	AT&T Wireless Services (AWS)
S1-010712	proposed draft ls on IP multi-media charging principle	S2

Document S1-010686 contained a presentation of the IMS ad hoc held in Dallas. This was noted.

The minutes of the ad hoc were provided in document S1-010687. It was approved and will be provided in annex C.

6.2 CAMEL

Document Number	Title	Source
S1-010596	LS "Charging and Information concepts for CAMEL Call Party Handling"	CN2
S1-010665	Definition of legacy services from a CAMEL point of view	Siemens
S1-010666	CAMEL and IM application registration	Siemens
S1-010688	CAMEL ad hoc output presentation	CAMEL Chairman
S1-010689	Enhanced charging for Call Party Handling. 22.078-112; Rel 5; F	Alcatel
S1-010690	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113; Rel 5; F	Vodafone
S1-010691	CR to 22.078 (Rel-5) on Editorial corrections to subclause 8.1. 22.078-114; Rel 5; F	Vodafone
S1-010692	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115; Rel 5; B	Lucent Technologies /Siemens AG
S1-010693	CR additional procedure description to Charging Notification 22.078-116; Rel 5; C	Siemens
S1-010694	New description on the call duration control in the CPH configuration 22.078-117; Rel 5; C.	Siemens
S1-010695	CR additional information called party connection procedure 22.078-118; Rel 5; C	Siemens
S1-010696	Proposed Liaison Statement to CN2 on the response of CPH	Vodafone

	charging.LS to CN2 stating that a CR has been submitted to SA1 and that CN2 to note the new requirements.	
S1-010697	CAMEL ad hoc meeting notes	CAMEL Chairman
S1-010708	Scope of CAMEL in IP multimedia Core Network	Rapporteur of 22.078
S1-010709	Tones support for CAMEL phase 4	Logica Mobile Networks
S1-010748	CAMEL ad hoc meeting notes (revision of 697)	CAMEL Chairman
S1-010806	Correction of on line charging procedures in case of CPH	Siemens
S1-010782	Enhanced charging for Call Party Handling. 22.078-112; Rel 5; F	Alcatel
S1-010783	Proposed Liaison Statement to CN2 on the response of CPH charging.LS to CN2 stating that a CR has been submitted to SA1 and that CN2 to note the new requirements.	Alcatel
S1-010833	Applicability of CAMEL to IP multimedia sessaion	Siemens
S1-010851	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113; Rel 5; F	Vodafone
S1-010852	Tones support for CAMEL phase 4	Logica Mobile Networks
S1-010853	Applicability of CAMEL to IMS	Siemens
S1-010873	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115; Rel 5; B	Lucent Technologies /Siemens AG
S1-010854	Applicability of CAMEL to IP Multimedia sessions	Lucent
S1-010878	Applicability of CAMEL to IP Multimedia sessions	Lucent

6.2.1   CAMEL ad hoc

Document S1-010697 was replaced by document S1-010748 which contains the meeting report. A slide presentation was provided in document S1-010688.

The Meeting Objectives were:
- Address charging requirements for Call Party Handling
  Achieved.
- Address service requirements for CAMEL inter-working with IMS
  Partially achieved. SA1 resolution required on scope of CAMEL in IMS

In summary:
- All CRs from ad hoc are for Release 5
- No additional ad hocs planned.
- CAMEL Phase 4 stable apart from refined details for IMS interworking

Document S1-010748 was approved and will be put in this report. Document S1-010688 was noted.

The chairman of the CAMEL ad hoc indicated that he would like to step down as chairman of the ad hoc, particularly since it was considered that the work of the ad hoc is now complete. This was agreed.

Document S1-010689 contained a CR to 22.078 (112; Rel 5; F) on enhanced charging for Call Party Handling. The category should really be B and not F. It was changed and the CR was re-issued in document S1-010782. It was agreed to send this to SA #13 for approval.

Document S1-010596 contained a liaison statement from CN2 on Charging and Information concepts for CAMEL Call Party Handling. CN2 has received our LS regarding CAMEL Called Party Handling (CPH) in S1-010469 and is keen for SA1 to work on the principle that the concept of applying charging activities on a per Call Party (Call Leg) basis should be adopted.

A response to this was provided in S1-010696. This was approved in principle, but required the new CR as agreed S1-010782 rather than the one in S1-010689. The revision of S1-010696 was provided in document S1-010783. It was approved.

Document S1-010690 contained a CR to 22.078 to introduce the terms Call Party Handling (CPH), CPH Configuration, Call Party and Call Leg in clause 3. It was considered that the category should be category B. It was revised in document S1-010851. It was agreed to be sent to SA #13 for approval.

Document S1-010691 contained a CR to 22.078 on Editorial corrections to subclause 8.1. The CR in S1-010691 was agreed to be sent to SA #13 for approval.

Document S1-010692 contained a CR 22.078-115 for Rel-5 as category B to introduce service requirements for CAMEL interworking with the IP multimedia subsystem. It was noted that another change in S1-010853 relates to this. A revision was provided in S1-010873 that contained some editorials and takes out the changes that have been agreed in S1-010853. It was agreed to send document S1-010873 to SA #13 for approval.

CR 22.078-117, which contained an additional procedure description for Charging Notification, was provided in document S1-010694. It was agreed to be sent to SA for approval.

Document S1-010694 which contained a new description on the call duration control in the CPH configuration, was revised to document S1-010806. It was agreed to be sent to SA #13 for approval.

Document S1-010695 contained 22.078-118 which dealt with additional information for called party connection procedures. It was agreed to be sent to SA #13 for approval.

6.2.2   Subsequent to CAMEL ad hoc

A number of documents were presented to SA1 that were not seen by the ad hoc. These are described below.

Document S1-010665 contained a discussion document on the definition of legacy services from a CAMEL point of view. CAMEL applicability for the IMS has now become general consensus in 3GPP and CAMEL will be applied only for the legacy services. However, still questions remain. What does the term "legacy" mean? At the S1 CAMEL ad hoc, the question was also raised as "legacy services? (basic services)" or "legacy capabilities? (CAMEL procedures)". This document was intended to stimulate the discussion on the CAMEL applicability for the IMS and the pre-paid services are taken into account as an example.

The principle of the document was accepted and the proposal in the document it was endorsed.

Document S1-010666 contained a CR to 22.078 to introduce the requirements for CAMEL IMS procedure when a user registers with the IM CN subsystem on application level. There was some concern regarding this CR and so it was passed to an informal group to discuss it and come back to the plenary.

This was done, but there was still some concern regarding the CR in S1-010666. It was commented that this CR is more related to SA2 rather than SA1 and it was suggested that it should forwarded to SA2 for checking. This was not agreed since the TS is and SA1 document and the stage 2 for CAMEL relates to CN2. It was agreed to send the CR in S1-010666 to SA #13 for approval noting the objection of Ericsson.

Document S1-010708 relates to this document. The key point is that this meeting needs to:

- define the term 'legacy services';
- state explicitly the media stream that CAMEL may apply to (limited to voice, telephony-like applications …etc);
- state explicitly which of the public user identities apply (i.e. E.164 number only, or extended to SIP URLs or any combination).

This information should be liaised to CN2 to guide their work, and the Stage 1 descriptions of IMS (22.218) and CAMEL (22.078) updated to reflect the consensus decision.

In relation to this, document S1-010669 could be taken into account.

Another, slightly related to this was provided in document S1-010833. It was commented that the logic in the CR would appear to go too far. The second sentence of the first additional paragraph was not what was agreed in Dallas. Therefore, this second sentence was deleted.

The revision of S1-010833 CR 22.078-121 (rev1) was provided in document S1-010853. It was agreed to be sent to SA #13 for approval.

Document S1-010854 contained a CR to 22.078 on Applicability of CAMEL to IP Multimedia Sessions. It was commented that the CR number is incorrect and should be 122 and not 112. It was questioned if SIP should include email addresses? The answer was not know, although it was considered that the addressing scheme should be flexible and SIP URL does not included other addresses such as email addresses. It was clarified that there is an RFC that does describe the format of the URLS and describes how to put an E.164 number in a URL as well as email addressed. It was revised to S1-010878. It was agreed to be sent to SA #13 for approval.

Document S1-010709 contained a CR to 22.078 on tone support for CAMEL phase 4. The idea is to allow tones to be played to the roaming subscriber locally rather than connect back to the home network. This was taken in the CAMEL ad hoc. There were some questions as to whether there was a need for this.

Document S1-010709 was revised to S1-010829. The CR is a clarification of the original CR and some of the detail, better put in CN specifications, has been taken out. The key is to generate tones locally. The CR was revised in S1-010852 and it was agreed to send this to SA #13 for approval.

Document S1-010806 contained a CR to 22.078 to ensure the charging reports from the network to the CSE take into account previous CPH procedures. Changes to CAMEL charging procedures does not completely take CPH procedures into account. Charging reports to the CSE will always consider the elapsed time since a call leg was answered. CPH allows to put already answered party on hold and may re-connect them later. Calculation from the point where a call leg is answered is not precise enough and may distort the calculation. This CR takes the skill of CPH procedures fully into account. This relates to S1-010782 and has additional changes. So approval of this CR is dependent on approval of CR 22.078-112r2 in S1-010782.

It was agreed to be sent to SA #13 for approval.

6.3   Net Selection

Document	Title	Source
S1-010607	Request for information from GSM Europe on 3 digit MNC	CN1
S1-010641	Liaison statement on Mobile Country Code and 3 digit Mobile	3GPP TSG CN
S1-010759	Liaison statement on Mobile Country Code and 3 digit Mobile	3GPP TSG CN

Document S1-010607 contained a response to the SA1 liaison statement (S1-010518) on 3 digit MNC from CN1. This is an information document which was also sent to SA #12.

A comprehensive answer to the issue is provided in S1-010641 (same as S1-010759). It was decided that SA1 would report back to SA that the answer of CN is sufficient and SA1 has nothing more to add. Both documents were noted.

6.4   Push

Document	Title	Source
S1-010603	Re: LS on the scope of Push service (S1-010545)	T2
S1-010763	Presentation on Push Adhoc	PUSH ad hoc
S1-010781	Report of 3GPP TSG SA1/SA2/T2 ad Hoc on Push service	PUSH ad hoc

At the last meeting SA1 sent a liaison statement to T2 on the scope of Push service (S1-010545). A response to this was received in document S1-010603. It would appear that T2 would also like to receive more information regarding the current status, and a joint session proposed by SA1 might be good for this purpose. The document is largely historic since the Push ad hoc was held last week. It was noted.

Document SP-010781 contained a written report of the push ad hoc that was presented in S1-010763. The presentation was noted and the report was approved and can be found in annex C.

6.5   Presence

Document	Title	Source

Number		
S1-010643	Presence capability vs. service	BT Wireless
S1-010644	Presence minimum status set	BT Wireless
S1-010645	Presence charging	BT Wireless
S1-010670	Availability Requirements	Nortel Networks, Teltier
S1-010673	Presence Service - VHE relationship (revised S1-PS-010101)	Siemens
S1-010682	CR to 22.141 on Definition of Access rules on the Presence release 5	Ericsson
S1-010685	General comments on TS 22.141	TeltierTechnologies
S1-010698	Report of Presence Service meeting Sophia Antipolis, 5th-6th June, 2001	Hutchison3G
S1-010699	Presence Service Stage 1 (TS 22.141v110)	Presence Service
S1-010700	Report of Presence Service meeting Dallas, 26th-28th June, 2001	Presence Chairman
S1-010701	Presence Service Stage 1 (TS 22.141v120)	Presence Service
S1-010702	Presence Service Opening Plenary report	Presence Chairman
S1-010703	Report of Presence Service meeting Lake Tahoe, 10th-12th July, 2001	Presence Chairman
S1-010704	Presence Service Stage 1 (TS 22.141v130)	Presence Service
S1-010717	What is the presence service	Openwave
S1-010718	Presence service applications	Openwave
S1-010719	Stage 1 updates	Openwave
S1-010720	3GPP TSG-S1 Presence Service Meeting Draft Agenda	Presence ad hoc
S1-010721	Report of Presence Service meeting Dallas, 26th-28th June, 2001	Hutchison 3G
S1-010722	Proposed Presence Service work plan	Presence Chair
S1-010723	Reserved for Presence	Presence ad hoc
S1-010724	LS to raise awareness of the need for a minimum status set	BT
S1-010725	LS to PAM Forum and Parlay Forum on Presence Information	Presence ad hoc
S1-010726	LS to S2 on Presence Service	Presence ad hoc
S1-010727	LS to IETF on Presence Information	Presence ad hoc
S1-010728	Presence Service SA1#13 closing plenary report	Presence ad hoc
S1-010729	Reserved for Presence	Presence ad hoc
S1-010735	Report of SA1/T2/SA3/T3 ad hoc on UE functionality split	ad hoc
S1-010840	LS to PAM Forum and Parlay Forum on Presence Information	Presence ad hoc
S1-010841	Presence Service Stage 1 (TS 22.141v200)	Presence Service
S1-010842	LS to S2 on Presence Service	Presence ad hoc
S1-010843	LS to IETF on Presence Information	Presence ad hoc

Document S1-010702 contained a presentation of the presence ad hoc.

There have been two meetings of the presence ad hoc since the last meeting.
- TSG-SA1 Presence Service meeting: 5th-6th June, 2001
  - 3rd Presence Service meeting
  - hosted by ETSI, in Sophia Antipolis, France
  - meeting generated 22.141 v1.1.0 (Presence Service Stage 1)
- TSG-SA1 Presence Service meeting: 26th-28th June, 2001
  - 4th Presence Service meeting
  - hosted by AWS and Dynamicsoft, in Dallas, Texas, USA
  - meeting generated 22.141 v1.2.0 (Presence Service Stage 1)

The text report if the 3rd meeting was provided in document S1-010698and the resulting stage 1 version 1.1.0 was provided in document S1-010699.

The report of the 4th meeting was provided in S1-010700 which was revised to S1-010721. The version 1.2.0 of the stage was provided in S1-010701.

Documents S1-010698 and S1-010721 were approved and can be found in annex C.

Documents S1-010699 and S1-010701, containing the stage 1 for presence, were noted.

6.6   Broad/Multicast

Document Number	Title	Source
S1-010618	Broadcast and Multicast Service	Hutchison 3G
S1-010749	Report of Multicast/Broadcast ad hoc	M/B ad hoc
S1-010750	22.946 V.1.1.0 Multicast/Broadcast(Output of last meeting)	M/B ad hoc
S1-010751	Proposed changes to General description section of 22.946 V1.1.0	Hutchison 3G
S1-010752	High Level Requiremnts section of 22.946	Hutchison 3G
S1-010753	Reserved for Hutchison3G	M/B ad hoc
S1-010758	Proposed additional requirement for Administration and Control	NTT DoCoMo
S1-010770	Proposed LS on Clarification regarding the WI Enhancment of Broadcast and Introduction for Multcast capabilitites in RAN	BM ad hoc
S1-010730	Changes to General Description	M/B ad hoc
S1-010731	Definitions of Multicast Subcriptions	M/B ad hoc
S1-010732	Presentation of Broadcast and Multicast ad hoc	M/B ad hoc
S1-010733	Reserved for Broadcast and Multicast	M/B ad hoc
S1-010786	Proposed LS on Clarification regarding the WI Enhancment of Broadcast and Introduction for Multcast capabilitites in RAN	SA1
S1-010857	Report of Broadcast ad hoc in Newbury	Chairman Broadcast

Document S1-010618 was dealt with in previous ad hoc and was sent to SA #12 for information. It was noted.

Document S1-010749 contained the presentation of the Multicast/Broadcast ad hoc.

•There was some discussion over whether the draft should be continued as a TR or TS.
•TSG SA had asked for a TS to be presented to them for approval.
•It was agreed that the update work will be targeted for the production of a TS to be submitted to SA1 closing plenary Lake Tahoe.

A proposal was received to change the name to Multimedia Broadcast Service' (MBS). This was approved (although it was renamed again, see section 9.6).

The written report was provided in document S1-010857. It was approved and can be found in annex C. The presentation was noted.

Document S1-010770 contained a proposed liaison statement from the ad hoc to go to R2, RAN, GERAN on Clarification regarding the WI Enhancement of Broadcast and Introduction for Multicast capabilities in RAN. This was revised on line to be provided in document S1-010786 and was approved.

6.7   UE Split

Document	Title	Source
S1-010601	LS Concerning Reviews of UE Functionality Split	T2
S1-010606	TS 23.227 v4.0.0 "Application and User interaction in the UE -	T2

A presentation on the UE Functionality Split ad hoc was provided in document S1-010764. It was noted.

Document S1-010601 contained a liaison statement LS Concerning Reviews of UE Functionality Split from T2 in response to the SA1 liaison statement sent in S1-010575. Quite apart from thanking SA1 for its diligence, T2 indicated that it would like to send delegates to the SA1 ad hoc on the subject. It was sent to the UE Split adhoc and noted there.

6.8   Streaming

Document	Title	Source
S1-010604	LS reply on Extended Streaming Service	T2
S1-010620	Reply to LS Reply on Extended Streaming Service	SA4
S1-010621	Reply to "LS on Extended Streaming Service" and "LS regarding	SA4
S1-010640	Streaming TS for release 5	Ericsson
S1-010705	PSS(Packet Streaming Service) Requirement for Stage1	NTT DoCoMo
S1-010715	Reply LS on extended streaming service and user profiles	S3

6.9   User Profile

Document Number	Title	Source
S1-010625	LS reply to SA1 LS "regarding User Profile"	SA5
S1-010674	The 3GPP Generic User Profile (resumes out of 22.121)	Materna and Siemens
S1-010706	WI for User Profile	Materna
S1-010765	Presentation on User Profile Adhoc	PUSH ad hoc
S1-010784	Draft Report of TSG-S1/S2/S3/T2 Joint ad-hoc Meeting On User Profile	Siemens

6.10   Framework Specification

The following documents were allocated to the Framework ad hoc. See S1-010794 for results and section 9.11.

Document Number	Title	Source
S1-010632	Response to LS on basic and advanced services examples (S1010271)	T3
S1-010646	IMS - Service Examples for Local Services and M-Services	BT Wireless
S1-010672	Inclusion of Distributed Speech Recognition capability (DSR) servic`es in 3GPP	Alcatel, France Telecom, Motorola, Qualcomm
S1-010675	Current version of framework spec 22.941 V0.3.0	SBC
S1-010676	A Framework contribution	SBC
S1-010684	Proposal to add requirements for interoperability with the Internet to R5	Microsoft
S1-010686	Presentation on IMS ad hoc in Dallas	IMS Chairman
S1-010687	Minutes of IMS ad hoc in Dallas	IMS Chairman
S1-010754	Additional service example for TR 22.941	Ericsson
S1-010755	Two Gaming Examples	Ericsson
S1-010780	Presence service example for TR 22.941	Motorola

7   Issues not covered by adhocs

7.1   Vocabulary

Document Number	Title	Source
S1-010610	Adding new definitions for 21.905 for Iu mode and A/Gb mode	CN1
S1-010611	Adding new definitions to 21.905 for In Iu mode and In A/Gb mode	CN1
S1-010647	CR to 21.905v3.2.0 (R99)	Rapporteur
S1-010648	CR to 21.905v4.3.0 (Rel-4)	Rapporteur
S1-010649	CR to 21.905v5.0.0 (Rel-5)	Rapporteur
S1-010653	CR to 21.905 version 5.0.0 Nomenclature for GTT	Ericsson
S1-010816	LS on 3GPP Vocabulary document TR21.905	R4
S1-010838	CR to 21.905 version 5.0.0 Nomenclature for GTT	Ericsson
S1-010839	Reply to LS on 3GPP Vocabulary document TR21.905	R4
S1-010874	Reply to LS on 3GPP Vocabulary document TR21.905	R4

Documents S1-010610 and S1-010611 contained the CRs to 21.905 requested by CN1 its liaison statement in document S1-010609. These were dealt with in section 5.1.1.

Document S1-010647 contained a CR to 21.905 on what is termed "Essential corrections to definitions" to Align some definitions with the ones used in RAN 4 specifications. It was agreed to be sent to SA #13 for approval.

Document S1-010648 contained a CR to 21.905. It contains the changes in S1-010647, but adds some other elements. Document S1-010649 contained the equivalent changes for Rel-5. It was agreed to send these CRs to SA #13 for approval.

Document S1-010653 contains a number of changes related to GTT. This CR is based on the wrong version and so was revised to S1-010838. It was agreed to send S1-010838 to SA #13 for approval.

Document S1-010816 contained a liaison statement from R4 on vocabulary. The definition of Base station has been suggested in Helsinki and has been approved by SA #12. However, R4 did not have time to see this definition and do not agree with the definition. They have proposed a new one in S1-010816.

The definition of R4 was accepted by the group and it was decided to communicate this to R4 and GERAN. The reply was provided in document S1-010839. This was revised on line to S1-010874. It was agreed to send this to SA #13 for approval.

7.2   Fax

Document Number	Title	Source
S1-010650	Discussion paper on fax service in UMTS R99	One2one
S1-010651	CR to 22.101 R99 (same as the one rejected at the last plenary)	One2one
S1-010707	Correction of support of facsimile teleservice for UMTS R99 specifications	Siemens
S1-010862	Correction of support of facsimile teleservice for UMTS R99 specifications	Siemens

Document S1-010650 contained a discussion document on the fax service in UMTS R99. This is prompted by the fact that the CR proposed to SA #12 was rejected. One 2 One proposes to remove the section regarding the facsimile service from TS 22.100 for UMTS R99. The original CR sent to SA #12 was provided in document S1-010651.

However, another document S1-010707 proposes something slightly different in line with the option of implementing fax as indicated in 22.945.

So, SA1 has an option; to accept S1-010651 or S1-010707.

It was noted that if the same CR is sent back to SA, it will be rejected again. A revision of S1-010707 was provided in document S1-010862, a CR to 22.100 for R99. All of a sudden there was some support for the CR. It was decided to note the objection of Lucent, but it was agreed to send this to SA #13 for approval.

In light of this agreement, document S1-010651 was withdrawn.

7.3   GTT

Document Number	Title	Source
S1-010654	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	Ericsson
S1-010861	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	Nokia, SBC
S1-010875	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	Ericsson

Document S1-010654 contained a discussion document on GTT in 22.226. Global Text Telephony Stage 1: 3GPP TS 22.226, was approved in last 3GPP SA meeting. However, a discussion revealed that the wording around the need for subscription and terminal capability indications could be misinterpreted and needed honing. S1 got a request from SA to correct the wording in 3GPP TS 22.226. This CR is made as a response on that request.

There was not a lot of support for this. It was questioned who supported the change with only one company indicating their support. However, there was only one company against it. It was noted.

There was a counter proposal in document S1-010861. This contained a CR to 22.226 on the subscription issue. This was captured from the minutes of the SA report for meeting #12. There was one objection from Ericsson, but with this it was agreed to send S1-010861 to SA #13 for approval.

Much later, a counter proposal was provided in S1-010875. It was noted that the CR agreed in S1-010861 has been agreed. It is understood that the CR in S1-010875 is an addition to the CR in S1-010861. It was commented that the agreement in SA was that both solutions should be supported. However, it was understood by others that the task allocated to SA1 was to clarify the subscription.

It was decided that S1-010875 was rejected and S1-010861 is still agreed. Delegations are welcome to supply more input over email.

7.4   MMS

Document Number	Title	Source
S1-010667	MMS - Limited message element distribution	Ericsson
S1-010871	LS on "Digital Rights Management"	Nokia
S1-010877	LS on "Digital Rights Management"	Nokia

Document S1-010667 contained a CR to 22.140 to limit message element distribution. There is currently no mechanism of limiting the distribution and accessibility of a message element within a multimedia message (MM). This is to avoid redistributing messages for free.

It was asked how this will help with the stated goal, and how it will be implemented? It was answered that there are several ways for implement this and it is not clear what the impact on the other groups will be. It was decided to postpone this until the next meeting. Anyone who has any input is to contact Ericssson.

Later in the meeting a liaison statement was provided in S1-010871 regarding protection of MMS message elements from unauthorised modification and forwarding. There was some concern on this issue but SA1 could not yet agree on specific requirements to MMS at this stage. The liaison statement asks T2 to give further information related to "Digital Right Management" concepts; specifically on short- and long term solutions that could be used to protect MMS message elements and content in general within 3GPP system, i.e. solutions that could be applied over various transports provided by 3GPP. This was revised to S1-010877 which was approved to be sent to T2 and SA3.

7.5   GPRS

S1-010679	Explanation paper on the subject of GPRS parameters on the SIM/USIM	Vodafone
S1-010680	CR to 21.111 on the subject of GPRS parameters on the SIM/USIM	Vodafone
S1-010681	CR 42.017 on the subject of GPRS parameters on the SIM/USIM	Vodafone
S1-010741	CR to 21.111 on the subject of GPRS parameters on the SIM/USIM	Vodafone
S1-010742	CR 42.017 on the subject of GPRS parameters on the SIM/USIM	Vodafone
S1-010743	Addition of a statement on parameter storage on the SIM/USIM.	Vodafone
S1-010744	Addition of a statement on parameter storage on the SIM/USIM.	Vodafone
S1-010761	eMAIL on EC initiative on Location for Emergency Services	MCC
S1-010831	Addition of a statement on parameter storage on the SIM/USIM.	Vodafone
S1-010832	Addition of a statement on parameter storage on the SIM/USIM.	Vodafone

Document S1-010679 contained a discussion document on GPRS operator preferences for 3G Rel-4. At the SA1 plenary in Helsinki an explanation (Tdoc **S1-010159**) of the above mentioned T3 liaison statement was presented. However, delegates at the meeting felt the explanation did not explain exactly the problem/issues that resulted in the new SIM/USIM parameters being defined. This is another attempt at explaining the need for the new GPRS operator preference parameters to be stored on the SIM/USIM.

The problem is how to inform the mobile terminal of any changes in the GPRS network. This may be necessary for the following reasons :

-        Home Network upgrades from IPv4 to IPv6
-        Mobile terminal roams from an IPv4 network to an IPv6 network
-        Mobile terminal roams from an IPv6 network to an IPv4 network

The solution proposed by T3 is to have a SIM/USIM file, that contains the network operators usage preferences that can be kept 'current' using 'Over the Air' (OTA) SIM updates. This would allow the parameters to be updated by the operator when a change to IPv6 occurred or when roaming or for any other reason.

The CRs being proposed were provided in documents S1-010680 (CR to 21.111) and S1-010681 (CR to 42.017) were noted since these are to T3 specifications. The document numbers S1-010741 and S1-010742 were reserved for Rel-5 CRs to 21.111 and 42.017, but were withdrawn since there appears not to be any Rel-5 changes.

However there are two CRs to 22.101 for Rel-4 and Rel-5 in S1-010743 and S1-010744. There were a number of problems with these CRs and so it was decided to revise them. The revisions were provided in S1-010831 and S1-010832. It was agreed to send both CRs to SA #13 for approval.

On S1-010761, it was noted that a liaison statement from S1-010635 also deals with this (see section 5.3).

8   Future / Workplan

9   Adhoc reports

9.1   IMS

Document Number	Title	Source
S1-010628	LS on GERAN assumption on IMS	GERAN

S1-010642	Comments on TS 22.228 v5.1.0	Ericsson
S1-010652	Release 5 IMS Service Continuity Requirements	Orange
S1-010668	Relationship of IMS public user IDs to subscriptions	AT&T Wireless Services (AWS)
S1-010669	Questions on Charging of IMS based services	AT&T Wireless Services (AWS)
S1-010712	proposed draft ls on IP multi-media charging principle	S2
S1-010713	Proposed Reply LS on "IM CN Subsystem Roaming"	S2
S1-010738	Report on IMS ad hoc	IMS chairman
S1-010805	LS on Usage of the Public User Identifier in the IMS	SA2
S1-010810	Agenda for the IMS ad hoc	IMS ad hoc
S1-010815	Proposed Reponse to LS on Usage of the Public User Identifier in the IMS	AWS
S1-010820	Definition of Local service	Ericsson
S1-010821	Definition of Local service	Ericsson
S1-010822	Definition of Local service	Ericsson
S1-010823	Services provided by service providers	Ericsson
S1-010824	Interworking with internet	Ericsson
S1-010825	Determination of terminal capability	Ericsson
S1-010849	Proposed Reponse to LS on Usage of the Public User Identifier in the IMS	AWS
S1-010850	LS on GERAN assumption on IMS	BT
S1-010859	Release 5 IMS Service Continuity Requirements	Orange

The report of the IMS ad hoc was provided in document S1-010738. It was approved and can be found in annex C. The agenda for the IMS ad hoc was provided in document S1-010810 and was noted.

Document S1-010805 contained a liaison statement from SA1 on usage of the Public User Identifier in the IMS. This was dealt with in the IMS group in conjunction with discussion document S1-010668 and a response was provided in document S1-010815. It was revised to S1-010849 which was approved and will be sent to SA2.

Document S1-010713 contained a liaison statement from SA2 on IM CN Subsystem Roaming. It was requested to have a little more thought and a response. It was postponed to some email discussion lead by Kevin Holley.

Document S1-010628 was not dealt with in the IMS ad hoc and so was dealt with in plenary. It contains a liaison statement from GERAN on their assumptions on IMS. A reply was provided in document S1-010850. It was approved and will be sent to GERAN and copied to RAN, SA4 and T2.

Document S1-010652, which contained a proposed CR to 22.129, on release 5 IMS service continuity requirements was dealt with in the ad hoc where it was noted Orange was invited to provide a revised CR to closing plenary. It was represented at the plenary in a revised form in document S1-010859. It was agreed to send this to SA for approval.

Document S1-010642 contained some Comments on TS 22.228 v5.1.0. This resulted in a number of CRs to 22.228; S1-010820, S1-010821, S1-010822, S1-010823, S1-010824 and S1-01825. These were not made available in the meeting and so they were sent to email approval.

Document S1-010669 contained some questions regarding charging of IMS based services. This was dealt with in the IMS ad hoc. The first part related to charging was agreed and it needs to be included in the Framework TR in a suitable format.

On QoS related questions it was preliminary agreed that maximum amount of flexibility is required, meaning potentially very detailed required and delivered QoS information at CDRs. It was noted that this is such a complex issue that delegates were invites to consider this in more detail. Meanwhile AWS promised to raise these issues at SA2 and SA5. The document was noted.

Document S1-010712 contained a liaison statement from SA2 on IP multi-media charging principle. It was dealt with in the IMS ad hoc where it was noted.

9.4   Push

Document Number	Title	Source
S1-010613	Response to SA1 LS on Push	S2
S1-010762	Liaison Statement about Push Services Work Item	PUSH ad hoc
S1-010787	Charging aspect in service requirements for Push Service	BT
S1-010801	Nework loading scenarios with Push Services	Research in Motion
S1-010807	Draft LS to SA2 on PUSH stage 1	Push ad hoc
S1-010808	Updated stage 1 for Push	Push ad hoc
S1-010809	Report of the push ad hoc	Push ad hoc
S1-010811	Agenda for the PUSH ad hoc	Push ad hoc
S1-010856	Draft LS to SA2 on PUSH stage 1	Push ad hoc

The report of the PUSH ad hoc was provided in document S1-010809.

Document S1-010762 contained an LS from the joint SA1/SA2/T2 adhoc on Push last week was considered. It was commented that SA2 might not be able to fulfill new requirements identified from this meeting. Other delegates felt that it was important to state the requirements and invite SA2 to define which requirements could be met within the Release 5 timeframe, and to move the other requirements to Release 6. After some discussion it was agreed to rewrite the draft stage 1 submitted by Ericsson to SA1#12 in Helsinki and include those requirements which we felt were relevant specifically to SA1 and discard those requirements which pointed to particular architectural implementations.

Document S1-010613 contained the draft TR in the SA2 area contained in this document was briefly reviewed and noted.

Document from BT in S1-010787 highlighted some charging aspects which BT feels warrant consideration at the SA1 level. There was a question over whether these charging issues should be discussed in SA1 or SA5, however it was agreed that at least some of them are relevant to SA1 and should be incorporated in the new draft TR

Document from RIM in S1-010801 identified a number of issues which should be considered when developing Push services, especially highlighting network load and battery issues. It was commented that many of the issues raised were more appropriate to SA2 than SA1, although there were some issues which were relevant to the SA1 requirements level.

A detailed drafting session developed a "starting point" Stage 1 document, not for agreement by SA1 at this point, but as a basis for checking the SA2 architecture and further SA1 work. It is proposed to SA1 that this Stage 1 document, together with an LS to SA2 are sent to SA2. The LS was drafted after the meeting and was not agreed by the meeting. The draft Stage 1 contained one issue which was not agreed at the meeting (reference to allowing operators to implement Push without implementing technologies such as IMS). It was hoped in the adhoc that corridor discussions would be able to come up with a proposal for the text in this area agreeable by all.

The report in S1-010809 was approved and can be found in annex C. The agenda in S1-010811 was noted.

Document S1-010808 contained a new TS as a stage 1 for PUSH. It is based on previous contributions including liaison statement from the PUSH ad hoc (S1-010762), the liaison statement from SA2 (S1-010613) and the initial stage 1 seen in Helsinki.

It was agreed that this should be used as a basis for future work on PUSH.

An output liaison statement from the ad hoc was provided in S1-010807. This was revised to S1-010856 by adding T2 and attaching S1-010808, and deleting the paragraph with the documents on which it was based.

The liaison statement in S1-010856 was approved and will be sent to SA2, T2, SERG, without being brought back to SA1.

9.5   Presence

Document Number	Title	Source
S1-010643	Presence capability vs. service	BT Wireless
S1-010644	Presence minimum status set	BT Wireless
S1-010645	Presence charging	BT Wireless
S1-010670	Support for Availability	Nortel Networks, Teltier
S1-010673	Presence Service - VHE relationship (revised S1-PS-010101)	Siemens
S1-010682	CR to 22.141 on Definition of Access rules on the Presence release 5	Ericsson
S1-010685	General comments on TS 22.141	TeltierTechnologies
S1-010698	Report of Presence Service meeting Sophia Antipolis, 5th-6th June, 2001	Hutchison3G
S1-010699	Presence Service Stage 1 (TS 22.141v110)	Presence Service
S1-010700	Report of Presence Service meeting Dallas, 26th-28th June, 2001	Presence Chairman
S1-010701	Presence Service Stage 1 (TS 22.141v120)	Presence Service
S1-010702	Presence Service Opening Plenary report	Presence Chairman
S1-010703	Report of Presence Service meeting Lake Tahoe, 10th-12th July, 2001	Presence Chairman
S1-010704	Presence Service Stage 1 (TS 22.141v130)	Presence Service
S1-010613	Response to SA1 LS on Push	S2
S1-010717	What is the presence service	Openwave
S1-010718	Presence service applications	Openwave
S1-010719	Stage 1 updates	Openwave
S1-010720	Reserved for Presence	Presence ad hoc
S1-010721	Reserved for Presence	Presence ad hoc
S1-010722	Reserved for Presence	Presence ad hoc
S1-010723	Reserved for Presence	Presence ad hoc
S1-010724	LS to raise awareness of the need for a minimum status set	Presence ad hoc
S1-010725	LS to PAM Forum and Parlay Forum on Presence Information	Presence ad hoc
S1-010726	LS to S2 on Presence Service	Presence ad hoc
S1-010727	LS to IETF on Presence Information	Presence ad hoc
S1-010728	Presence Service SA1#13 closing plenary report	Presence ad hoc
S1-010729	Reserved for Presence and not allocated	Presence ad hoc
S1-010735	Report of SA1/T2/SA3/T3 ad hoc on UE functionality split	ad hoc

The presentation of the Presence ad hoc was provided in document S1-010728. The written report was in document S1-010703.

The proposed subsequent meetings are:

Presence Service presentation to be made to TSG-SA2
        –Sophia Antipolis, last week of August

September 18th-19th September, Sophia Antipolis
  –co-locate with SA1 OSA meeting
  –TS22.141 stable
  –continue work on remaining minor issues
  –generate TS 22.141 CRs for TSG-SA1#14

Other Presence Service meetings before TSG-SA1#14
  –if necessary, dates to be proposed/agreed on S1 reflector

There were some problems with the timing of the 18-19 September as it is very close to the plenary. This is unavoidable. This is acceptable for this time, but in future ad hocs shall be co-located as per document S1-010736 in section 13.

Document S1-010703 was approved and can be found in annex C.

A summary of the documents dealt with in the ad hoc is below:

Tdoc	Subject	Source	Decision
S1-010613	Response to SA1 LS on Push	S2	Noted
S1-010643	Presence capability vs. service	BT, Nokia	Noted
S1-010644	Presence minimum status set	BT, Comverse	Noted
S1-010645	Presence charging	BT Wireless	Withdrawn
S1-010670	Availability Requirements	Nortel Networks, Teltier	Noted
S1-010673	Presence Service - VHE relationship (revised S1-PS-010101)	Siemens	Agreed
S1-010682	Clarifications: Access rules, watcher rules and other privacy and security issues	Ericsson	Noted
S1-010685	General comments on TS 22.141	Teltier Technologies	Noted
S1-010698	Report of Presence Service meeting Sophia Antipolis, 5th-6th June, 2001	Hutchison3G	Noted
S1-010699	Presence Service Stage 1 (TS 22.141v110)	Presence Service	Noted
S1-010700	Report of Presence Service meeting Dallas, 26th-28th June, 2001	Hutchison3G	Noted
S1-010701	Presence Service Stage 1 (TS 22.141v120)	Presence Service	Noted
S1-010702	Presence Service Opening Plenary report	Presence Chairman	Noted
S1-010717	What is the presence service	Openwave	Agreed.Some changes included in TS
S1-010718	Presence service applications	Openwave	Noted
S1-010719	Stage 1 updates	Openwave	Noted. Some changes included in the TS.
S1-010720	Presence Service agenda	Presence Chairman	Noted
S1-010721	Report of Presence Service meeting Dallas, 26th-28th June, 2001 - updated	Hutchison3G	Noted
S1-010722	Presence Service work plan	Presence Chairman	Noted
S1-010723	Availability requirements	Teltier, Nortel	Agreed with minor changes
S1-010724	LS to raise awareness of the need for a minimum status set	BT	Noted

The resulting stage 1 for 22.141 version 1.2.0 was provided in document S1-010704. It was decided to send this to SA for approval. Therefore it was raised to version 2.0.0 and was provided in document S1-010841. It was agreed to send this to SA1 for approval.

Document S1-010725 contained a proposed liaison statement to PAM Forum and Parlay Forum. It was commented that SA1 ad hocs should not really use liaison statement between them. It was approved in principle, but was revised to S1-010840 which was subsequently approved.

Document S1-010726 contained a liaison statement to SA2. There were some problems with the formatting and so it was revised to S1-010842. This was approved and will be sent to SA2.

It was noted that the output of the PUSH ad hoc has not been taken into account in the Presence TS. It was decided that a second liaison statement is required to give more information regarding the output of the push ad hoc. This will be provided on email approval in due course.

Document S1-010727 contained a liaison statement to IETF. This was subsequently revised to S1-010843. This document was approved and will be sent to IETF and the IETF liaison in 3GPP.

Document S1-010735 contained the report of the report of SA1/T2/SA3/T3 ad hoc on UE functionality split. It was noted.

9.6   Broad/Multicast (MBMS)

Document Number	Title	Source
S1-010730	Changes to General Description	M/B ad hoc
S1-010731	Definitions of Multicast Subcriptions	M/B ad hoc
S1-010732	Presentation of Broadcast and Multicast ad hoc	M/B ad hoc
S1-010733	Report of Multicast and Broadcast ad hoc	M/B ad hoc
S1-010750	22.946 V.1.1.0 Multicast/Broadcast(Output of last meeting)	M/B ad hoc
S1-010751	Proposed changes to General description section of 22.946 V1.1.0	Hutchison 3G
S1-010752	High Level Requiremnts section of 22.946	Hutchison 3G
S1-010753	Reserved for Hutchison3G	M/B ad hoc
S1-010758	Proposed additional requirement for Administration and Control	NTT DoCoMo
S1-010789	Proposed changes to the requirements of Multicast and enhanced Broadcast services	Siemens AG
S1-010790	Changes to Broadcast TR(From Newbury ad hoc)	Celltick
S1-010791	Newbury Ad -Hoc meeting report	Chairman
S1-010792	Proposed changes to the requirements of Multicast and enhanced Broadcast services (Updated 789)	Siemens
S1-010793	Output TS for Broadcast and Multicast	M/B Ad-Hoc
S1-010857	Report of Broadcast ad hoc in Newbury	Chairman Broadcast
S1-010858	Output TS for Broadcast and Multicast	M/B Ad-Hoc
S1-010867	LS to introduce the stage 1 for MBMS to S2	Hutchison
S1-010876	LS to introduce the stage 1 for MBMS to S2	Hutchison

Document S1-010791 was withdrawn and was replaced by S1-010857.

Document S1-010732 contained the presentation of the ad hoc on Broadcast and Multicast. The written report was provided in S1-010733. S1-010732 was noted and S1-010733 was approved and can be found in annex C.

Document S1-010793 contained the output of Multicast and Broadcast ad hoc in the form of a stage 1 for the feature. It was revised on line and provided in document S1-010858. The TS number allocated before it was released was 22.146.

The disposition of all other documents can be found in S1-010733 in annex C.

It was decided that the service be renamed to Multimedia Broadcast/Multicast Service (MBMS). This was agreed.

Document S1-010867 contained a liaison statement to accompany the new TS for Broadcast and Multicast TS in 22.146 in document S1-010858. It was revised to S1-010876 which was approved.

9.7   UE Split

Document Number	Title	Source
S1-010606	TS 23.227 v4.0.0 "Application and User interaction in the UE - Principles and specific requirements"	T2
S1-010630	Security and UE functionality split	S3
S1-010734	Report of Dallas UE Split Meeting	UE split meeting
S1-010764	Presentation on UE Split Adhoc	US Split ad hoc
S1-010737	LS about IMS access security and the UE split	TSG-SA3
S1-010739	LS about IMS access security and the UE split	UE ad hoc
S1-010855	UE Split ad hoc report	Motorola
S1-010863	LS about IMS access security and the UE split	UE ad hoc

Document S1-010855 contained the report of the UE Split ad hoc. The presentation of the report was provided in document S1-010764.

Document S1-010630 contained a liaison statement from S3 on security and UE functionality split. It was noted in the UE functionality split ad hoc.

Document S1-010855 was approved and provided in annex C. The presentation in S1-010764 was noted.

The outgoing liaison statement was provided in document S1-010739. It was refined on line and was reproduced, once Nigel got over his problem of getting it up, in S1-010863. It was approved and will be sent to SA3 with a copy to T2 and T3.

Document S1-010606 contained a liaison statement from T2 on TS 23.227 v4.0.0 "Application and User interaction in the UE - Principles and specific requirements". This is essentially a correspondence between T2 and T3 and was copied to SA1. It was sent to the UE Split ad hoc and was noted there.

Document S1-010734 contained the report of Dallas UE Split Meeting. It was noted by the ad hoc.

9.8   Streaming

Document Number	Title	Source
S1-010604	LS reply on Extended Streaming Service	T2
S1-010620	Reply to LS Reply on Extended Streaming Service	SA4
S1-010621	Reply to "LS on Extended Streaming Service" and "LS regarding User Profile"	SA4
S1-010640	Streaming TS for release 5	Ericsson
S1-010684	Proposal to add requirements for interoperability with the Internet to R5	Microsoft
S1-010705	PSS(Packet Streaming Service) Requirement for Stage1	NTT DoCoMo
S1-010715	Reply LS on extended streaming service and user profiles	S3
S1-010818	Proposal to add interoperability with the Internet to Streaming requirements in R5	Microsoft
S1-010819	Reserved for Stephen from Voodoofone	Vodafone
S1-010834	Report from Streaming ad hoc	Streaming ad hoc
S1-010835	LS reply to T2 (on 604)	Streaming ad hoc
S1-010836	Draft Stage 1 TS for Streaming rev 0.2.0	Streaming ad hoc
S1-010837	On information on SA1's work on Streaming	Streaming ad hoc

The report of the streaming ad hoc was provided in S1-010834. The Chairman presented a draft TS to plenary and asked SA1 to agree to continue the work on a stage 1 TS for Extended Streaming service release 5. There will also be a need for a Streaming ad-hoc between now and the next SA1 meeting to be able to progress the work with the TS.

The report was approved and is provided in annex C.

It was questioned when it had been agreed to have a stage 1 description. It was answered that SA had asked SA1 to address the streaming feature and the result of the ad hoc in SA1 is propose a stage 1.

Based on a liaison statement from the last meeting (S1-010501), T2 sent a liaison statement on Extended Streaming Service in document S1-010604. SA1 also send a CR to 22.101 (S1-010502) which is intended to insert a paragraph on the SA4 work on packet-switched streaming, PSS. Despite this original intention this CR brought T2's attention to the (unchanged) section on MMS, Multimedia Messaging Service. This paragraph states that MMS supports both streaming download and upload.

The R'4 PSS specification suite, however, does not define upload streaming. Consequently, MMS does not support this feature either. Attached to this LS (and also in S1-010605) comes a proposed CR trying to remove this inconsistence from 22.101.

A proposed reply was provided in document S1-010835 which was approved and will be sent out to T2 and copied to SA4 since both documents S1-010620 and S1-010621 refer to the subject and which were noted in the ad hoc.

Document S1-010836 contained a proposed stage 1 for streaming. It was asked if this could be the basis of future work on streaming. This process was endorsed.

The liaison statement in S1-010837 on the stage 1 to SA2, SA3, SA4, SA5 and T2. It was approved and will be sent out.

The disposition of the remaining documents can be found in document S1-010834.

9.9 OSA

Document Number	Title	Source
S1-010655	Status Report on OSA to SA1#13	Siemens, OSA chairman
S1-010656	OSA ad hoc #6 minutes	Siemens, OSA chairman
S1-010657	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	S1-OSA ad hoc
S1-010658	Re-introduction of R5 OSA function; Multi Media Channel Control CR 22.127-15	S1-OSA ad hoc
S1-010659	Re-introduction of R5 OSA function; Retrieval of Network Capabilities CR 22.127-16	S1-OSA ad hoc
S1-010660	OSA support of information service function CR 22.127-17	Motorola
S1-010661	OSA support of Presence service function CR 22.127-18	Motorola/ Lucent
S1-010662	OSA requirements for User Data Management CR 22.127-19	Siemens
S1-010663	OSA requirements on User Profile Access Management CR 22.127-20	Siemens
S1-010664	Correction of Scope statement CR 22.127-21	Siemens
S1-010746	Adding IM Call Control functions	Nortel Networks
S1-010747	OSA and Release 5 IP Multimedia Subsystem	Nortel Networks
S1-010756	High level OSA Requirement	Nortel Networks
S1-010757	Adding IM Call Control functions	Nortel Networks
S1-010864	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	S1-OSA ad hoc

Document S1-010655 contained the report of the OSA ad hoc (#7) to SA1#13 which was held on the 6th and 7th of June, 2001, Sophia Antipolis, France. Document S1-010656 contained the report (see annex C).

It was reported that all OSA Change Requests submitted to SA#12 were approved. The release version is now stable and no further CRs are anticipated. The ad hoc did have several CRs to Release 5 to introduce new functions. It is planned to 22.127 Rel-5 at SA1#14 for approval and OSA presentation to SA5 planned. However, a relation with SA3 is required to comply with security requirements still needed.

The functions left over from R4 are:
- Journalling Function,   S1-010657
- Multi Media Channel Control,   S1-010658
- Retrieval of Network Capabilities,   S1-010659

Additional Functions to Support are:
- Information Service,   S1-010660
- Presence Service,   S1-010661
- User Management,   S1-010662
- User Profile Access Management   S1-010663

It is planned to have the following delivered at SA1#14:
- improve security requirements,
- improve Multi Media Control,
- support for Conference facilities,
- support for location services,
- etc.

The next meetings for OSA are:
     OSA #8
     19th and 20th of September, Sophia Antipolis, France

     OSA #9
     October, before SA1#14 - not further planned

The written report in S1-010656 was approved and is presented in annex C.

The documents provided as output were:

Document Number	Type	Spec_Number	CR_No	Rev	Release	WI	Title	Result
S1-010657	CR	22.127	014		Rel-5	OSA	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	Revised to 864
S1-010658	CR	22.127	015		Rel-5	OSA	Re-introduction of R5 OSA function; Multi Media Channel Control CR 22.127-15	Agreed
S1-010659	CR	22.127	016		Rel-5	OSA	Re-introduction of R5 OSA function; Retrieval of Network Capabilities CR 22.127-16	Agreed
S1-010660	CR	22.127	017		Rel-5	OSA	OSA support of information service function CR 22.127-17	Agreed
S1-010661	CR	22.127	018		Rel-5	OSA	OSA support of Presence service function CR 22.127-18	Agreed
S1-010662	CR	22.127	019		Rel-5	OSA	OSA requirements for User Data Management CR 22.127-19	Agreed
S1-010663	CR	22.127	020		Rel-5	OSA	OSA requirements on User Profile Access Management CR 22.127-20	Agreed
S1-010664	CR	22.127	021		Rel-5	OSA	Correction of Scope statement CR 22.127-21	Agreed
S1-010864	CR	22.127	014	1	Rel-5	OSA	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	Agreed

All the above CRs were seen by the ad hoc and agreed there. It was agreed to send the CRs in S1-010864, S1-010658, S1-010659, S1-010660, S1-010661, S1-010662, S1-010663 and S1-010664 to SA #13 for approval.

Document S1-010747 contained a discussion document for a proposed changed that was not seen by the ad hoc. This applies a high level requirement on OSA to control Release 5 IP Multimedia Subsystem. It was suggested that this input be brought to the next OSA ad hoc. This was agreed. A companion CR in S1-010756 was also forwarded to the OSA ad hoc.

Document S1-010746 (same as 757) contained a proposed CR to 22.127 additional IM Call Control Functions. It was agreed to forward this to the next OSA ad hoc.

9.10   User Profile

Document Number	Title	Source
S1-010614	Response LS to S1 LS Regarding User Profiles	S2
S1-010621	Reply to "LS on Extended Streaming Service" and "LS regarding User Profile"	SA4
S1-010625	LS reply to SA1 LS "regarding User Profile"	SA5
S1-010674	The 3GPP Generic User Profile (resumes out of 22.121)	Materna and Siemens
S1-010706	WI for User Profile	Materna
S1-010765	Presentation on User Profile Adhoc	User Profile Adhoc
S1-010784	Draft Report of TSG-S1/S2/S3/T2 Joint ad-hoc Meeting On User Profile	Seimens
S1-010800	Report of User Profile ad hoc	User Profile ad hoc
S1-010826	Draft LS on User Profile	Motorola
S1-010828	WI for User Profile	UP ad hoc
S1-010865	WI for User Profile	UP ad hoc
S1-010866	Draft LS on User Profile	Motorola

The report of the User Profile ad hoc was provided in document S1-010800. At the meeting the group:
-        Noted received (largely historical, background) liaison statements
-        Considered a liaison statement from SA5 and drafted a proposed response (S1-010826)
-        Considered modifying the existing VHE WID instead of creating a new WID, agreed a new WID was - needed
-        Refined S1-010706 to produce an initial **draft WID** in S1-010828
- **Issues:**
             Leadership (SA1 or T2)
             Rapporteur needed

Tdoc	Subject	Source	Agenda Item	Disposition
S1-010614	Response LS to S1 LS Regarding User Profiles	SA2	7.1	Noted
S1-010621	Reply to "LS on Extended Streaming Service" and "LS regarding User Profile"	SA4	7.1	Noted
S1-010625	LS reply to SA1 LS "regarding User Profile"	SA5	7.1	Noted
S1-010765	User Profile Adhoc Report Presentation		6.1	Noted
S1-010784	User Profile Adhoc Text Report		6.1	Noted
S1-010715	Reply LS on extended streaming service and user profiles	SA3	7.1	Noted
S1-010674	The 3GPP Generic User Profile (resumes out of 22.121)	Materna and Siemens	7.2	Noted
S1-010706	Work Item Description for Release 5: The 3GPP Generic User Profile	Siemens, Materna, Ericsson; Motorola,	7.2	Noted
S1-010800	Generic User Profile Adhoc Meeting Report	UP Adhoc Chair		-
S1-010828	Work Item Description: The 3GPP Generic User Profile	UP Adhoc Group	9.1	Agreed
S1-010826	LS to SA5 on Generic User Profile	UP Adhoc Group	9.2	Agreed

The report in S1-010800 was approved and can be found in Annex C.

Document S1-010828 contained a proposed WI for User Profile. It was decided to add the IMS stage 1 and stage 2 to the User Profile WI. The revision was provided in S1-010865. It was agreed to send this to SA #13 for approval.

Document S1-010826 contained a proposed liaison statement to SA5 on user profile to which the WID in S1-010865 needs to be attached. It was approved in revised form with the WID attached in document S1-010866.

Document S1-010765 contained a presentation on the User Profile ad hoc. It was noted.

Document S1-010674 contained a number of proposals for User Profile was dealt with in the ad hoc and noted there.

The next meeting of User Profile is the 11-13th September in Sophia Antipolis.

9.11 Framework Specification

Document Number	Title	Source
S1-010632	Response to LS on basic and advanced services examples (S1010271)	T3
S1-010646	IMS - Service Examples for Local Services and M-Services	BT Wireless
S1-010672	Inclusion of Distributed Speech Recognition capability (DSR) servic`es in 3GPP	Alcatel, France Telecom, Motorola, Qualcomm
S1-010675	Current version of framework spec 22.941 V0.3.0	SBC
S1-010676	A Framework contribution	SBC
S1-010686	Presentation on IMS ad hoc in Dallas	IMS Chairman
S1-010687	Minutes of IMS ad hoc in Dallas	IMS Chairman
S1-010754	Additional service example for TR 22.941	Ericsson

S1-010755	Two Gaming Examples	Ericsson
S1-010780	Presence service example for TR 22.941	Motorola
S1-010794	Report of Framework Specification ad hoc	Framework ad hoc
S1-010795	Updated version of 22.941 Framework Specification	Framework ad hoc
S1-010796	Comments on Ericsson input on Framwork specification	BT
S1-010797	Additional Service Examples for 22.941	Siemens
S1-010798	Reserved for Framework ad hoc	Framework ad hoc
S1-010799	TR 22.941 v.0.4.0 (without change bars)	
S1-010812	Cover LS for the Framework Specification 22.941	Framework ad hoc
S1-010868	TR 22.941 v.0.4.0 (without change bars)	Framework ad hoc
S1-010869	Cover LS for the Framework Specification 22.941	Framework ad hoc

Tdoc	Subject	Source	Disposition
S1-010632	Response to LS on basic and advanced services examples	T3	Noted
S1-010646	IMS - Service Examples for Local Services and M-Services	BT Wireless	Agreed
S1-010672	Distributed Speech Recognition	Motorola, etc.	Noted (1)
S1-010675	Current version of framework spec, TR 22.941 v.0.3.0	SBC	Noted
S1-010676	A Framework contribution	SBC	Agreed
S1-010684	Proposal to add requirements for interoperability with the Internet to R5	Microsoft	Noted **(2)**
S1-010686	Presentation on IMS ad hoc in Dallas	IMS Chairman	Noted
S1-010687	Minutes of IMS ad hoc in Dallas	IMS Chairman	Noted
S1-010754	Additional service example for TR 22.941	Ericsson	Noted **(2)**
S1-010755	Two Gaming Examples	Ericsson	Agreed
S1-010780	Presence Service Example to 22.941	Motorola	Agreed
S1-010794	Framework Adhoc Report	Framework Chairman,	-
S1-010795	TR 22.941 v0.4.0 Output from Lake Tahoe Framework Adhoc, with change bars	Framework Rapporteur	Agreed
S1-010796	Comments on Ericsson Contribution	BT Wireless	Noted **(2)**
S1-010797	Additional Service Example for TR 22.941	Siemens	Agreed **(3)**
S1-010798	Multimedia Services Example	Framework Adhoc Draft Group	Agreed
S1-010799	TR 22.941 v0.4.0 Output from Lake Tahoe Framework Adhoc, without change bars	Framework Rapporteur	Agreed
S1-010812	LS Framework Report Distribution	Framework Adhoc Chair	-

Document S1-010794 contained the report of the Framework Specification ad hoc.

The outputs of the meeting were:

SA1-010795   TR 22.941 v.0.4.0 (with change bars)
SA1-010799   TR 22.941 v.0.4.0 (without change bars)
SA1-010812   Liaison to distribute TR 22.941 to other groups

The report was approved and can be found in annex C.

Document S1-010795 contained the output of the ad hoc in the form of an updated TR with change bars. There have been extensive changes to the TR including a restructure to provide a logical flow. Because of this, another version was provided in document S1-010799 without change bars.

It was agreed that S1-010799 is the basis for future work. There is some hidden text in the document that will need to be removed. The revised version was provided in S1-010868.

The ad hoc had agreed that the TR should be distributed to the other groups of 3GPP. This was to be done in the liaison statement in S1-010812. There was some concern that this is being sent to everyone and this may not be appropriate. Certainly CN5, S2 and CN2 need to see it. It was decided that whilst this is true, the group wanted to make sure that no-one was left out. It was approved with some minor adjustments and will be sent out as provided in S1-010869.

Particular note was made on document S1-010672 on speech recognition. It was commented that the ad hoc will be expecting some service examples as input on this subject.

10   Postponed Items

11   Late Items

12   Next Meetings

12.1   SA1 plenaries - future proposed dates

The meeting schedule, was reviewed in the meeting. Proposals for hosts would be gratefully received.

SA1#14	5-9 November 2001	Kobe, Japan, hosted by NTT DoCoMo
SA1#15	14-18 Jan 2002,	Las Vegas, hosted by AWS
SA1#16	29 Apr-3 May 2002,	no host
SA1#17	8-12 July 2002,	host offered: SBC (North America)
SA1#18	23-27 Sep 2002,	no host

It was suggested that bearing in mind the proposal for ad hocs in document S1-010848, it was proposed that from SA1 #16 onwards be re-addressed by the SA1 leadership.

12.2   Ad-hocs

MBMS	Early Oct	
PUSH	End Aug	
Streaming	End Aug	
Framework	End of August	
Presence	18-19 September	Sophia Antipolis, France
OSA #8	19-20th September,	Sophia Antipolis, France
OSA #9	October, before SA1#14	not further planned
DSR	October	
UE Split		
User Profile	Joint ad hoc 11-13 September	
IMS ad hoc	Joint with SA2/SA5 end August	

13   Any Other Business

Document Number	Title	Source

S1-010736	Ad hoc co-ordination and planning	Vice chair SA1
S1-010827	SA1 schedule diagram	Chairman
S1-010848	SA1 Adhoc Planning and Coordination Guidelines	Vice chair SA1
S1-010870	SA1 Adhoc Planning and Coordination Guidelines	Vice chair SA1

Document S1-010736 contained an input document on the co-ordination and planning of ad hoc meetings. the main problem is that SA1 has a number of ad hocs and it is difficult for delegates to attend all of them. The document contains a proposal to set aside a predetermined time frame where all the ad hocs could be held and have them all at one location.

Based on the input in S1-010736, the chairman produced a graphical representation in document S1-010827.

This was a subject for corridor discussion leading to an updated proposal provided in document S1-010848. It was generally agreed that a week should be reserved for all the ad hocs. There was a problem with the requirement that ad hocs should run sequentially. Whilst this is advantageous, it is probably not possible. With the paragraph on sequential ad hocs struck out, there was support for the document.

Another point of issue was the last paragraph " What constitutes "exceptional circumstances" as indicated above will be determined by the consensus of SA1 (be email or plenary meetings)". The chairman indicated that there are some circumstances where the chairman or vice chairmen may need to make a decision. This was not wholly agreed. In the end, some benevolent dictatorship is required.

A revision was provided after on-line editing in S1-010870. It was approved.

14   Approval of Outputs and Liaisons

Change Requests

Rele ase	Spec No.	Document Number	Title	To
R99	21.905	S1-010647	CR to 21.905v3.2.0 (R99)	SP-13
Rel-5	21.905	S1-010821	Definition of Local service	Email
Rel-5	21.905	S1-010838	CR to 21.905 version 5.0.0 Nomenclature for GTT	SP-13
	21.905	S1-010879	Definition of Value Added Service Povider	Email
R99, Rel-4	21.905	S1-010609	Liaison Statement on Adding New Definitions to 21.905	SP-13
R99	21.905	S1-010610	Adding new definitions for 21.905 for Iu mode and A/Gb mode	SP-13
Rel-4	21.905	S1-010611	Adding new definitions to 21.905 for In Iu mode and In A/Gb mode	SP-13
Rel-4	21.905	S1-010648	CR to 21.905v4.3.0 (Rel-4)	SP-13
Rel-5	21.905	S1-010649	CR to 21.905v5.0.0 (Rel-5)	SP-13
Rel-5	22.057	S1-010629	Generic requirements for support of multiple MExE classmarks	SP-13
Rel-5	22.078	S1-010873	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115; Rel 5; B	SP-13
	22.078	S1-010878	Applicability of CAMEL to IP Multimedia sessions	SP-13
Rel-5	22.078	S1-010853	Applicability of CAMEL to IMS	SP-13
Rel-5	22.078	S1-010851	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113; Rel 5; F	SP-13
Rel-5	22.078	S1-010852	Tones support for CAMEL phase 4	SP-13
Rel-5	22.078	S1-010693	CR additional procedure description to Charging Notification 22.078-116; Rel 5; C	SP-13
Rel-5	22.078	S1-010782	Enhanced charging for Call Party Handling. 22.078-112; Rel 5; F	SP-13

Rel-5	22.078	S1-010806	Correction of on line charging procedures in case of CPH	SP-13
Rel-5	22.078	S1-010695	CR additional information called party connection procedure 22.078-118; Rel 5; C	SP-13
Rel-5	22.078	S1-010666	CAMEL and IM application registration	SP-13
Rel-5	22.078	S1-010691	CR to 22.078 (Rel-5) on Editorial corrections to subclause 8.1. 22.078-114; Rel 5; F	SP-13
R99	22.100	S1-010862	Correction of support of facsimile teleservice for UMTS R99 specifications	SP-13
Rel-4	22.101	S1-010831	Addition of a statement on parameter storage on the SIM/USIM.	SP-13
Rel-5	22.101	S1-010832	Addition of a statement on parameter storage on the SIM/USIM.	SP-13
Rel-5	22.101	S1-010881	Definition of Home Environment	Email
	22.101	S1-010772	Correction of MMS paragraph	SP-13
Rel-5	22.121	S1-010820	Definition of Local service	Email
	22.121	S1-010880	Definition of Home Environment, HE-VASP and Value Added Service Provider	Email
Rel-5	22.127	S1-010659	Re-introduction of R5 OSA function; Retrieval of Network Capabilities CR 22.127-16	SP-13
Rel-5	22.127	S1-010756	High level OSA Requirement	OSA ad hoc
Rel-5	22.127	S1-010746	Adding IM Call Control functions	OSA ad hoc
Rel-5	22.127	S1-010660	OSA support of information service function CR 22.127-17	SP-13
Rel-5	22.127	S1-010864	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	SP-13
Rel-5	22.127	S1-010658	Re-introduction of R5 OSA function; Multi Media Channel Control CR 22.127-15	SP-13
Rel-5	22.127	S1-010882	Definitions of Home Environment and HE-VASP	Email
Rel-5	22.127	S1-010664	Correction of Scope statement CR 22.127-21	SP-13
Rel-5	22.127	S1-010663	OSA requirements on User Profile Access Management CR 22.127-20	SP-13
Rel-5	22.127	S1-010662	OSA requirements for User Data Management CR 22.127-19	SP-13
Rel-5	22.127	S1-010661	OSA support of Presence service function CR 22.127-18	SP-13
Rel-5	22.129	S1-010859	Release 5 IMS Service Continuity Requirements	SP-13
Rel-5	22.226	S1-010861	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	SP-13
Rel-5	22.228	S1-010825	Determination of terminal capability	Email
Rel-5	22.228	S1-010824	Interworking with internet	Email
Rel-5	22.228	S1-010823	Services provided by service providers	Email
Rel-5	22.228	S1-010822	Definition of Local service	Email

WIs

Document Number	Title	To
S1-010846	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	SP-13
S1-010865	WI for User Profile	SP-13

Specs

Release	Document Number	Title	To

| Rel-5 | S1-010841 | Presence Service Stage 1 (TS 22.141v200) | SP-13 |
| Rel-5 | S1-010858 | Output TS for Broadcast and Multicast | SP-13 |

Email of issues dealt with in meeting

Rel ease	Doc No	Title	To
Rel-5	S1-010713	Proposed Reply LS on "IM CN Subsystem Roaming"	Email Disuscssion
Rel-5	S1-010820	Definition of Local service	Email
Rel-5	S1-010821	Definition of Local service	Email
Rel-5	S1-010822	Definition of Local service	Email
Rel-5	S1-010823	Services provided by service providers	Email
Rel-5	S1-010824	Interworking with internet	Email
Rel-5	S1-010825	Determination of terminal capability	Email

Email of issues NOT dealt with in meeting

Rel ease	Doc No	Title	To
Rel-5	S1-010879	Definition of Value Added Service Povider	Email
Rel-5	S1-010880	Definition of Home Environment, HE-VASP and Value Added Service Provider	Email
Rel-5	S1-010881	Definition of Home Environment	Email
Rel-5	S1-010882	Definitions of Home Environment and HE-VASP	Email

Ad Hocs

Rel ease	Doc No	Title	To
	S1-010725	LS to PAM Forum and Parlay Forum on Presence Information	SA1 OSA adhoc
Rel-5	S1-010746	Adding IM Call Control functions	OSA ad hoc
Rel-5	S1-010747	OSA and Release 5 IP Multimedia Subsystem	OSA ad hoc
Rel-5	S1-010756	High level OSA Requirement	OSA ad hoc

Approved Liaison statements

Document Number	Title	To	Copy
S1-010609	Liaison Statement on Adding New Definitions to 21.905	SP-13	
S1-010713	Proposed Reply LS on "IM CN Subsystem Roaming"	Email Disuscssion	
S1-010773	Reply to LS on New feature for SAT originated SMS	T2, T3	SA3
S1-010778	Reply to LS from CN2 : Optimal Routeing of a forwarded call	CN2	
S1-010779	LS from Boardband Radio Access Networks	EP BRAN	SA
S1-010783	Proposed Liaison Statement to CN2 on the response of CPH charging.LS to CN2 stating that a CR has been submitted to SA1 and that CN2 to note the new requirements.	CN2	
S1-010785	Proposed LS on requirements on UE positioning	Joint R2/R4	
S1-010786	Proposed LS on Clarification regarding the WI Enhancment of Broadcast and Introduction for Multcast capabilitites in RAN	R2	RAN, GERAN, T2

S1-010830	Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS)	T2	
S1-010835	LS reply to T2 (on 604)	T2	SA4
S1-010840	LS to PAM Forum and Parlay Forum on Presence Information	PAM, Parlay	
S1-010842	LS to S2 on Presence Service	SA2	
S1-010843	LS to IETF on Presence Information	IETF	Ileana Leuca (3GPP IETF Co-ordinator)
S1-010844	Reply to LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	TWG	T3
S1-010847	LS on Distributed Speech Recognition (DSR)	SA4, SA2, T2, CN	
S1-010849	Proposed Reponse to LS on Usage of the Public User Identifier in the IMS	SA2	
S1-010850	LS on GERAN assumption on IMS	GERAN	RAN, S4, T2
S1-010856	Draft LS to SA2 on PUSH stage 1	SA2, T2	GSMA SERG
S1-010863	LS about IMS access security and the UE split	SA3	T2, T3
S1-010866	Draft LS on User Profile	SA5	
S1-010869	Cover LS for the Framework Specification 22.941	T,SA,CN,RAN, GERAN and all WGs	SERG, UMTS Forum
S1-010872	draft LS on Cell ID in SIP messages	SA 2, SA 3	CN 1, CN 4, T 2, RAN 2, GERAN 2
S1-010874	Reply to LS on 3GPP Vocabulary document TR21.905	RAN 4, GERAN	
S1-010876	LS to introduce the stage 1 for MBMS to S2	SA2	S3, S5, T2, GERAN, RAN, R2
S1-010877	LS on "Digital Rights Management"	T2, SA3	

15   Closure of Meeting

The chairman thanked the delegates for their contributions to the meeting and for their hard work. He thanked the hosts, SBC, for all the facilities at the meeting. The social event was very enlightening particularly the Italian lawngame.

The meeting was closed at 15.00 on Friday 13th July 2001.

ANNEX A – Table of documents

Document Number	Title	Source	Result
S1-010592	Report of SA1 meeting #12	MCC	Approved revision in 769
S1-010593	LS to TS1 on Service Provider Name	T3	Received after meeting in Helsinki in response to 587 put to email approval
S1-010594	Clarification of PLMN Name Indication and Service Provider Name Indication feature.	T3	Received after meeting in Helsinki in response to 587 put to email approval
S1-010595	Clarification of PLMN Name Indication and Service Provider Name Indication feature.	MCC	Updated version of 589 to take into account changes from T3
S1-010596	LS "Charging and Information concepts for CAMEL Call Party Handling"	CN2	See response in 696
S1-010597	Liaison Statement on Optimal Routeing of a forwarded call	CN2	response was provided in document S1-010778
S1-010598	Response to LS (S1-010200) on the Elaboration of KEY IDENTIFICATION EVENT	SA3	Noted, work is ongoing
S1-010599	TR 31.900 - SIM/USIM Internal and External Interworking Aspects (Copy SA1)	SA3	Noted, old LS and events have overtaken the LS
S1-010600	Agenda of SA1 meeting #13	MCC	Approved; to be updated during the meeting
S1-010601	LS Concerning Reviews of UE Functionality Split	T2	Noted; Dealt with in UE split ad hoc
S1-010602	LS Reply to SA1's 'Coordination of 3GPP response to WAP WPG Client Provisioning DC on Mobile Device Management LS' Proposal	T2	Noted
S1-010603	Re: LS on the scope of Push service (S1-010545)	T2	Noted; largely historic since the Push ad hoc was held last week
S1-010604	LS reply on Extended Streaming Service	T2	Dealt with in ad hoc, Reply in 620
S1-010605	Correction of MMS paragraph	T2	Revised, by rapporteur
S1-010606	TS 23.227 v4.0.0 "Application and User interaction in the UE - Principles and specific requirements"	T2	Noted; Dealt with in UE split ad hoc
S1-010607	Request for information from GSM Europe on 3 digit MNC	CN1	Noted, see doc 641
S1-010608	LS on Priority Selection Criteria of Calls in a Multicall	CN1	Noted; waiting for work be CN1; see also 634
S1-010609	Liaison Statement on Adding New Definitions to 21.905	CN1	CRs to 21.905 were agreed. See also 774
S1-010610	Adding new definitions for 21.905 for Iu mode and A/Gb mode	CN1	Agreed to be sent to SA #13 for approval
S1-010611	Adding new definitions to 21.905 for In Iu mode and In A/Gb mode	CN1	Agreed to be sent to SA #13 for approval

S1-010612	Proposed modifications to project plan for VHE	VHE chairman	Provided after the meeting, to be sent out for email approval and incorporation in PP if OK
S1-010613	Response to SA1 LS on Push	S2	Revised; Noted by PUSH ad hoc and Presence ad hoc.
S1-010614	Response LS to S1 LS Regarding User Profiles	S2	Noted
S1-010615	LS Reply to SyncML initiative Concerning Leveraging SyncML for Mobile Device Management	T2	Noted, with a comment that service examples are required in this area
S1-010616	Answer LS to R2 on Guidance needed concerning cell search and multiple PLMN identities on one carrier (Copy to SA1)	R1	Noted; it was copied to SA1; see 636
S1-010617	Proposed LS on Creation of a new specification to handle implementation issues caused by changes to the Release '97 GPRS specifications (Copy to SA1)	GERAN3	Noted
S1-010618	Broadcast and Multicast Service	Hutchison 3G	Dealt with in previous ad hoc
S1-010619	Response LS on Voice Bearer Interworking	SA4	Noted, no action on our part.
S1-010620	Reply to LS Reply on Extended Streaming Service	SA4	Passed to Streaming ad hoc; Noted
S1-010621	Reply to "LS on Extended Streaming Service" and "LS regarding User Profile"	SA4	Passed to Streaming ad hoc; Noted
S1-010622	Reply to SA1 (S1-010584) "IP multi-media charging principle (CR to 22.115)"	SA5	Issue postponed, the issue should be input into the joint meeting on charging
S1-010623	LS reply to SA1 VHE Ad-Hoc "on Service Provisioning"	SA5	Noted, work on service provisioning passed to IMS
S1-010624	LS in reply to three related User Equipment Management liaisons	SA5	Noted; a different WI was approved in SA
S1-010625	LS reply to SA1 LS "regarding User Profile"	SA5	Transferred to User Profile ad hoc; Noted
S1-010626	LS in reply to WAP Forum message titled "Exploratory LS concerning Mobile Device Management"	SA5	Noted
S1-010627	LS to CN5 on OSA	SA5	Lucent has volunteered to represent the views of SA1 on OSA in the next SA5
S1-010628	LS on GERAN assumption on IMS	GERAN	Response provided in 850
S1-010629	Generic requirements for support of multiple MExE classmarks	T2	Agreed to be sent to SP-13 for approval
S1-010630	Security and UE functionality split	S3	Noted; Dealt with in UE split ad hoc
S1-010631	Response to LS S5-010114 (T3-010271) on MExE and User Equipment Management	T3	Noted; new strand on the WI from SA5 on User Equipment Management
S1-010632	Response to LS on basic and advanced services	T3	Dealt with in

	examples (S1010271)		Framework ad hoc; Noted
S1-010633	LS on New feature for SAT originated SMS	T3	Noted, see answer from T2 in 740
S1-010634	Answer LS on Priority Selection Criteria of Calls in a Multicall	R3	Noted; waiting for work be CN1; see also 608
S1-010635	LS on Requirements on UE positioning	R2	Noted in light of 761 and response in 771; ad hoc to discuss
S1-010636	Response to LS on Guidance needed concerning cell search and multiple PLMN identities on one carrier	R4	Noted; it was copied to SA1; see 616
S1-010637	LS on MExE Service Environment	T2	Same as 716; noted
S1-010638	Clarification of Service Concepts from the UMTS Forum Market Forecast	UMTS Forum	Noted, and the chairman invited contributions particularly for the service examples in 22.941
S1-010639	LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	GSM A TWG	Results in a LS and a CR to 22.101
S1-010640	Streaming TS for release 5	Ericsson	Dealt with in Streaming ad hoc and included in 836
S1-010641	Liaison statement on Mobile Country Code and 3 digit Mobile Network Code	3GPP TSG CN	Noted; answer of CN is sufficient and SA1 has nothing more to add
S1-010642	Comments on TS 22.228 v5.1.0	Ericsson	Dealt with in IMS ad hoc.820,821,822,823, 824, 825
S1-010643	Presence capability vs. service	BT Wireless	Noted; dealt with in Presence ad hoc
S1-010644	Presence minimum status set	BT Wireless	Noted; dealt with in Presence ad hoc
S1-010645	Presence charging	BT Wireless	Withdrawn; dealt with in Presence ad hoc
S1-010646	IMS - Service Examples for Local Services and M-Services	BT Wireless	Dealt with in Framework ad hoc; Agreed
S1-010647	CR to 21.905v3.2.0 (R99)	Rapporteur	Agreed to be sent to SA #13 for approval
S1-010648	CR to 21.905v4.3.0 (Rel-4)	Rapporteur	Agreed to be sent to SA #13 for approval
S1-010649	CR to 21.905v5.0.0 (Rel-5)	Rapporteur	Agreed to be sent to SA #13 for approval
S1-010650	Discussion paper on fax service in UMTS R99	One2one	Noted as background information; see 707
S1-010651	CR to 22.101 R99 (same as the one rejected at the last plenary)	One2one	707 This was withdrawn in light of 862
S1-010652	Release 5 IMS Service Continuity Requirements	Orange	Revised
S1-010653	CR to 21.905 version 5.0.0 Nomenclature for GTT	Ericsson	Revised
S1-010654	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	Ericsson	Not a lot of support, see counter proposal in 861

S1-010655	Status Report on OSA to SA1#13	Siemens, OSA chairman	Noted, see written report in 656
S1-010656	OSA ad hoc #6 minutes	Siemens, OSA chairman	Approved
S1-010657	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	S1-OSA ad hoc	Revised
S1-010658	Re-introduction of R5 OSA function; Multi Media Channel Control CR 22.127-15	S1-OSA ad hoc	Agreed to be sent to SA #13 for approval
S1-010659	Re-introduction of R5 OSA function; Retrieval of Network Capabilities CR 22.127-16	S1-OSA ad hoc	Agreed to be sent to SA #13 for approval
S1-010660	OSA support of information service function CR 22.127-17	Motorola	Agreed to be sent to SA #13 for approval
S1-010661	OSA support of Presence service function CR 22.127-18	Motorola/ Lucent	Agreed to be sent to SA #13 for approval
S1-010662	OSA requirements for User Data Management CR 22.127-19	Siemens	Agreed to be sent to SA #13 for approval
S1-010663	OSA requirements on User Profile Access Management CR 22.127-20	Siemens	Agreed to be sent to SA #13 for approval
S1-010664	Correction of Scope statement CR 22.127-21	Siemens	Agreed to be sent to SA #13 for approval
S1-010665	Definition of legacy services from a CAMEL point of view	Siemens	Principle endorsed
S1-010666	CAMEL and IM application registration	Siemens	Agreed to be sent to SA #13 for approval noting objection of Ericsson
S1-010667	MMS - Limited message element distribution	Ericsson	Noted, Postponed to next meeting, anyone who has any input is to contact Ericssson
S1-010668	Relationship of IMS public user IDs to subscriptions	AT&T Wireless Services (AWS)	Look at document 815
S1-010669	Questions on Charging of IMS based services	AT&T Wireless Services (AWS)	Forwarded to IMS ad hoc; Noted
S1-010670	Availability Requirements	Nortel Networks, Teltier	Noted; dealt with in Presence ad hoc
S1-010671	DSR presentation from ETSI Aurora	ETSI Aurora	Revised to 766
S1-010672	Inclusion of Distributed Speech Recognition capability (DSR) servic`es in 3GPP	Alcatel, France Telecom, Motorola, Qualcomm	Forwarded to Framework ad hoc, Dealt with in Framework ad hoc; Noted
S1-010673	Presence Service - VHE relationship (revised S1-PS-010101)	Siemens	Agreed; dealt with in Presence ad hoc
S1-010674	The 3GPP Generic User Profile (resumes out of 22.121)	Materna and Siemens	Dealt with in ad hoc; Noted
S1-010675	Current version of framework spec 22.941 V0.3.0	SBC	Dealt with in Framework ad hoc; Noted
S1-010676	A Framework contribution	SBC	Dealt with in Framework ad hoc; Agreed
S1-010677	Mobile Services Initiative	GSM Association (MRP)	Noted for information

S1-010678	M-Services Guidelines AA.35	GSM Association (MRP)	Noted for information
S1-010679	Explanation paper on the subject of GPRS parameters on the SIM/USIM	Vodafone	Noted; some concern in description, see CRs in 743 and 744
S1-010680	CR to 21.111 on the subject of GPRS parameters on the SIM/USIM	Vodafone	Noted, see equivalen CRs to SA1 specs.
S1-010681	CR 42.017 on the subject of GPRS parameters on the SIM/USIM	Vodafone	Noted, see equivalen CRs to SA1 specs.
S1-010682	CR to 22.141 on Definition of Access rules on the Presence release 5	Ericsson	Noted; dealt with in Presence ad hoc
S1-010683	Exchange of local environment representation	Many	Approved, changes will be made to the website
S1-010684	Proposal to add requirements for interoperability with the Internet to R5	Microsoft	Dealt with in Framework and streaming ad hoc; Noted
S1-010685	General comments on TS 22.141	TeltierTechnologies	Noted; dealt with in Presence ad hoc
S1-010686	Presentation on IMS ad hoc in Dallas	IMS Chairman	Noted; see written report in 687
S1-010687	Minutes of IMS ad hoc in Dallas	IMS Chairman	Approved; Noted in Framework ad hoc
S1-010688	CAMEL ad hoc output presentation	CAMEL Chairman	Noted
S1-010689	Enhanced charging for Call Party Handling. 22.078-112; Rel 5; F	Alcatel	Revised, should be category B
S1-010690	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113; Rel 5; F	Vodafone	Revised; should be CAT B
S1-010691	CR to 22.078 (Rel-5) on Editorial corrections to subclause 8.1. 22.078-114; Rel 5; F	Vodafone	agreed to be sent to SA #13 for approval
S1-010692	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115; Rel 5; B	Lucent Technologies /Siemens AG	Revised for editorials and to take out changes agreed in 853
S1-010693	CR additional procedure description to Charging Notification 22.078-116; Rel 5; C	Siemens	Agreed to be sent to SA #13 for approval
S1-010694	New description on the call duration control in the CPH configuration 22.078-117; Rel 5; C.	Siemens	Revised to 806
S1-010695	CR additional information called party connection procedure 22.078-118; Rel 5; C	Siemens	Agreed to be sent to SA #13 for approval
S1-010696	Proposed Liaison Statement to CN2 on the response of CPH charging.LS to CN2 stating that a CR has been submitted to SA1 and that CN2 to note the new requirements.	Alcatel	Revised
S1-010697	CAMEL ad hoc meeting notes	CAMEL Chairman	Revised to 748
S1-010698	Report of Presence Service meeting Sophia Antipolis, 5th-6th June, 2001	Hutchison3G	Approved
S1-010699	Presence Service Stage 1 (TS 22.141v110)	Presence Service	Noted, see revision in 701
S1-010700	Report of Presence Service meeting Dallas, 26th-28th June, 2001	Presence Chairman	Revised
S1-010701	Presence Service Stage 1 (TS 22.141v120)	Presence Service	Noted, used as input for ad hoc
S1-010702	Presence Service Opening Plenary report	Presence	Noted; see written

		Chairman	report in 698, 700 and 721. Stage 1 in docs 699 and 701
S1-010703	Report of Presence Service meeting Lake Tahoe, 10th-12th July, 2001	Presence Chairman	Approved
S1-010704	Presence Service Stage 1 (TS 22.141v130)	Presence Service	Revised
S1-010705	PSS(Packet Streaming Service) Requirement for Stage1	NTT DoCoMo	Dealt with in Streaming ad hoc and included in 836
S1-010706	WI for User Profile	Materna	Revised in ad hoc
S1-010707	Correction of support of facsimile teleservice for UMTS R99 specifications	Siemens	Revised to 862 (see also 651)
S1-010708	Scope of CAMEL in IP multimedia Core Network	Rapporteur of 22.078	Referred to informal ad hoc, see also 666
S1-010709	Tones support for CAMEL phase 4	Logica Mobile Networks	Postponed to closing plenary; revised to 829
S1-010710	WI on the End-to-End QoS Architecture for Release 5	S2	Noted
S1-010711	LS "SA2 response to CN1 response to SA2 liaison on regarding conformance test requirements for application layer test"	S2	Noted
S1-010712	proposed draft ls on IP multi-media charging principle	S2	
S1-010713	Proposed Reply LS on "IM CN Subsystem Roaming"	S2	Postponed to some email discussion
S1-010714	Reply to LS on rejection of 2G authentication and key agreement by 3G ME with USIM in UTRAN	S3	Noted
S1-010715	Reply LS on extended streaming service and user profiles	S3	Dealt with in Streaming ad hoc and noted
S1-010716	LS on MExE Service Environment	T2	Same as 637; noted
S1-010717	What is the presence service	Openwave	Dealt with in Presence ad hoc; Agreed.Some changes included in TS
S1-010718	Presence service applications	Openwave	Noted; dealt with in Presence ad hoc
S1-010719	Stage 1 updates	Openwave	Dealt with in Presence ad hoc; Some changes included in the TS
S1-010720	3GPP TSG-S1 Presence Service Meeting Draft Agenda	Presence ad hoc	Agreed
S1-010721	Report of Presence Service meeting Dallas, 26th-28th June, 2001	Hutchison 3G	Approved
S1-010722	Proposed Presence Service work plan	Presence Chair	Noted; dealt with in Presence ad hoc
S1-010723	Reserved for Presence	Presence ad hoc	Noted; dealt with in Presence ad hoc Agreed with minor changes
S1-010724	LS to raise awareness of the need for a minimum status set	BT	Revised
S1-010725	LS to PAM Forum and Parlay Forum on Presence Information	Presence ad hoc	Revised

S1-010726	LS to S2 on Presence Service	Presence ad hoc	Revised
S1-010727	LS to IETF on Presence Information	Presence ad hoc	
S1-010728	Presence Service SA1#13 closing plenary report	Presence ad hoc	Noted; dealt with in Presence ad hoc
S1-010729	Reserved for Presence	Presence ad hoc	Unallocated
S1-010730	Changes to General Description	M/B ad hoc	Noted; dealt with in ad hoc and agreed
S1-010731	Definitions of Multicast Subcriptions	M/B ad hoc	Noted; dealt with in ad hoc and agreed
S1-010732	Presentation of Broadcast and Multicast ad hoc	M/B ad hoc	Noted, see written report in 733
S1-010733	Report of Multicast and Broadcast ad hoc	M/B ad hoc	Approved
S1-010734	Report of SA1/T2 ad hoc on UE functionality split	ad hoc	
S1-010735	Report of SA1/T2/SA3/T3 ad hoc on UE functionality split	ad hoc	Forwarded to US split ad hoc and was noted
S1-010736	Ad hoc co-ordination and planning	Vice chair SA1	See graphical represenation in 827
S1-010737	LS about IMS access security and the UE split	TSG-SA3	Noted; Dealt with in UE split ad hoc
S1-010738	Report on IMS ad hoc	IMS chairman	Approved
S1-010739	LS about IMS access security and the UE split	UE ad hoc	Revised
S1-010740	Reply to LS on New feature for SAT originated SMS	T2	No requirement in SA1 so work should stop; see LS in 773
S1-010741	CR to 21.111 on the subject of GPRS parameters on the SIM/USIM	Vodafone	Noted; these are to T3 specifications
S1-010742	CR 42.017 on the subject of GPRS parameters on the SIM/USIM	Vodafone	Noted; these are to T3 specifications
S1-010743	Addition of a statement on parameter storage on the SIM/USIM.	Vodafone	Revised
S1-010744	Addition of a statement on parameter storage on the SIM/USIM.	Vodafone	Revised
S1-010745	Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS)	T2	No requirement in SA1 so work should stop; see LS in 775
S1-010746	Adding IM Call Control functions	Nortel Networks	Sent to OSA ad hoc
S1-010747	OSA and Release 5 IP Multimedia Subsystem	Nortel Networks	See CR in 756, Sent to OSA ad hoc
S1-010748	CAMEL ad hoc meeting notes (revision of 697)	CAMEL Chairman	Approved; to be put in report
S1-010749	Report of Multicast/Broadcast ad hoc	M/B ad hoc	Noted; see report in Annex C
S1-010750	22.946 V.1.1.0 Multicast/Broadcast(Output of last meeting)	M/B ad hoc	Noted; dealt with in BM ad hoc; noted
S1-010751	Proposed changes to General description section of 22.946 V1.1.0	Hutchison 3G	Noted; dealt with in BM ad hoc; noted
S1-010752	High Level Requiremnts section of 22.946	Hutchison 3G	Noted; dealt with in BM ad hoc; noted
S1-010753	Reserved for Hutchison3G	M/B ad hoc	Noted; dealt with in BM ad hoc; Agreed
S1-010754	Additional service example for TR 22.941	Ericsson	Dealt with in Framework ad hoc; Noted

S1-010755	Two Gaming Examples	Ericsson	Dealt with in Framework ad hoc; Agreed
S1-010756	High level OSA Requirement	Nortel Networks	See CR in 756, Sent to OSA ad hoc
S1-010757	Adding IM Call Control functions	Nortel Networks	Same as 746
S1-010758	Proposed additional requirement for Administration and Control	NTT DoCoMo	Noted; dealt with in BM ad hoc; Agreed
S1-010759	Liaison statement on Mobile Country Code and 3 digit Mobile Network Code	3GPP TSG CN	Same as 641
S1-010760	LS from Boardband Radio Access Networks	BRAN	Noted, reply in 779
S1-010761	eMAIL on EC initiative on Location for Emergency Services	MCC	Noted in light of 635 and response in 771; ad hoc to discuss
S1-010762	Liaison Statement about Push Services Work Item	PUSH ad hoc	Noted; dealt with in PUSH ad hoc see stage 1 in 808
S1-010763	Presentation on Push Adhoc	PUSH ad hoc	Noted; see written report in 781
S1-010764	Presentation on UE Split Adhoc	UE Split Adhoc	Noted; see written report in 855
S1-010765	Presentation on User Profile Adhoc	User Profile Adhoc	Noted; see written report in 784
S1-010766	DSR presentation from ETSI Aurora	ETSI Aurora	Noted, see 672.
S1-010767	Report from SA plenary #13	Vice Chair	Noted
S1-010768	Liaison statement to ECTRA and 3GPP on Mobile Virtual Network Operators	SPAN11 WP NAR	Noted; An answer has been provided by CN in S1-010641
S1-010769	Report of SA1 meeting #12	MCC	Approved
S1-010770	Proposed LS on Clarification regarding the WI Enhancment of Broadcast and Introduction for Multcast capabilitites in RAN	BM ad hoc	Revised
S1-010771	Proposed LS on requirements on UE positioning	Nokia	Revised
S1-010772	Correction of MMS paragraph	Rapporteur	Agreed to be sent to SA #13 for approval
S1-010773	Reply to LS on New feature for SAT originated SMS	Motorola	Approved
S1-010774	Input document on Adding New Definitions to 21.905	Lucent	Results in a new email exploder
S1-010775	Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS)	Chairman	Revised
S1-010776	Reply to LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	Orange	Revised
S1-010777	Changes to FDN	Orange	Withdrawn
S1-010778	Reply to LS from CN2 : Optimal Routeing of a forwarded call	Rapporteur	Approved
S1-010779	LS from Boardband Radio Access Networks	Samsung	Approved
S1-010780	Presence service example for TR 22.941	Motorola	Dealt with in Framework ad hoc; Partially agreed, Multimedia Group Call agreed, Mobile Interactive TV Service not agreed
S1-010781	Report of 3GPP TSG SA1/SA2/T2 ad Hoc on Push service	Ad hoc chair	Approved, see also 763
S1-010782	Enhanced charging for Call Party Handling. 22.078-	Alcatel	Agreed to send this

	112; Rel 5; F		to SA #13 for approval with 806
S1-010783	Proposed Liaison Statement to CN2 on the response of CPH charging.LS to CN2 stating that a CR has been submitted to SA1 and that CN2 to note the new requirements.	Alcatel	Approved
S1-010784	Draft Report of TSG-S1/S2/S3/T2 Joint ad-hoc Meeting On User Profile	Seimens	Dealt with in ad hoc; Noted
S1-010785	Proposed LS on requirements on UE positioning	SA1	Approved
S1-010786	Proposed LS on Clarification regarding the WI Enhancment of Broadcast and Introduction for Multcast capabilitites in RAN	SA1	Approved
S1-010787	Charging aspect in service requirements for Push Service	BT	
S1-010788	Withdrawn		Withdrawn
S1-010789	Proposed changes to the requirements of Multicast and enhanced Broadcast services	Siemens AG	Noted; dealt with in BM ad hoc; Withdrawn
S1-010790	Changes to Broadcast TR(From Newbury ad hoc)	Celltick	Noted; dealt with in BM ad hoc; Noted
S1-010791	Newbury Ad -Hoc meeting report	Chairman	Noted; dealt with in BM ad hoc; Agreed
S1-010792	Proposed changes to the requirements of Multicast and enhanced Broadcast services (Updated 789)	Siemens	Noted; dealt with in BM ad hoc; Noted
S1-010793	Output TS for Broadcast and Multicast	M/B Ad-Hoc	Revised
S1-010794	Report of Framework Specification ad hoc	Framework ad hoc	Approved
S1-010795	Updated version of 22.941 Framework Specification	Framework ad hoc	Output from Framework ad hoc
S1-010796	Comments on Ericsson input on Framwork specification	BT	Dealt with in Framework ad hoc; Noted
S1-010797	Additional Service Examples for 22.941	Siemens	Dealt with in Framework ad hoc; Agreed
S1-010798	Reserved for Framework ad hoc	Framework ad hoc	Dealt with in Framework ad hoc; Agreed
S1-010799	TR 22.941 v.0.4.0 (without change bars)		Revised to take out hidden text
S1-010800	Report of User Profile ad hoc	User Profile ad hoc	Approved
S1-010801	Nework loading scenarios with Push Services	Research in Motion	
S1-010802	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel/Texas Instruments/FT	Revised to 813
S1-010803	LS on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel/Texas Instruments/FT	Revised to 814
S1-010804	draft LS on Cell ID in SIP messages	SA2	Reply in 860
S1-010805	LS on Usage of the Public User Identifier in the IMS	SA2	Response in 815 and discussion document 668
S1-010806	Correction of on line charging procedures in case of	Siemens	Agreed to be sent to

		CPH			SA #13 for approval with 782
S1-010807	Draft LS to SA2 on PUSH stage 1		Push ad hoc		Revised
S1-010808	Updated stage 1 for Push		Push ad hoc		should be used as a basis for future work on PUSH
S1-010809	Report of the push ad hoc		Push ad hoc		Approved
S1-010810	Agenda for the IMS ad hoc		IMS ad hoc		Noted
S1-010811	Agenda for the PUSH ad hoc		Push ad hoc		Noted
S1-010812	Cover LS for the Framework Specification 22.941		Framework ad hoc		Revised to use the latest version of the TR in 868
S1-010813	Speech Enabled Services Based on Distributed Speech Recognition (DSR)		Qualcomm/Alcatel/Motorola/Texas Instruments/FT		Revised to 846
S1-010814	LS on Distributed Speech Recognition (DSR)		Qualcomm/Alcatel/Motorola/Texas Instruments/FT		Revised to 847
S1-010815	Proposed Reponse to LS on Usage of the Public User Identifier in the IMS		AWS		Revised
S1-010816	LS on 3GPP Vocabulary document TR21.905		R4		Reply in 839, CR next meeting
S1-010817	Proposed LS to S2 on Stop Direct Report		R3		Noted; it was copied to SA1
S1-010818	Proposal to add interoperability with the Internet to Streaming requirements in R5		Microsoft		Dealt with in Streaming ad hoc and included in 836
S1-010819	Reserved for Stephen from Voodoofone		Vodafone		Passed to Streaming ad hoc; Noted
S1-010820	Definition of Local service		Ericsson		Put to email approval
S1-010821	Definition of Local service		Ericsson		Put to email approval
S1-010822	Definition of Local service		Ericsson		Put to email approval
S1-010823	Services provided by service providers		Ericsson		Put to email approval
S1-010824	Interworking with internet		Ericsson		Put to email approval
S1-010825	Determination of terminal capability		Ericsson		Put to email approval
S1-010826	Draft LS on User Profile		Motorola		Revised to 866
S1-010827	SA1 schedule diagram		Chairman		Noted
S1-010828	WI for User Profile		UP ad hoc		Revised to add stage 1 and 2 of IMS and to update the dates for the stage 1.
S1-010829	Tones support for CAMEL phase 4		Logica Mobile Networks		Revised to 852, Version number wrong, CR number wrong
S1-010830	Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS)		Chairman		Approved
S1-010831	Addition of a statement on parameter storage on the SIM/USIM.		Vodafone		Agreed to be sent ot SA #13 for approval
S1-010832	Addition of a statement on parameter storage on the SIM/USIM.		Vodafone		Agreed to be sent ot SA #13 for approval
S1-010833	Applicability of CAMEL to IP multimedia sessaion		Siemens		Revised
S1-010834	Report from Streaming ad hoc		Streaming ad hoc		Approved

S1-010835	LS reply to T2 (on 604)	Streaming ad hoc	Approved
S1-010836	Draft Stage 1 TS for Streaming rev 0.2.0	Streaming ad hoc	Stage 1 endorsed
S1-010837	On information on SA1's work on Streaming	Streaming ad hoc	Approved
S1-010838	CR to 21.905 version 5.0.0 Nomenclature for GTT	Ericsson	Agreed to be sent to SA #13 for approval
S1-010839	Reply to LS on 3GPP Vocabulary document TR21.905	R4	Revised to 874
S1-010840	LS to PAM Forum and Parlay Forum on Presence Information	Presence ad hoc	Approved
S1-010841	Presence Service Stage 1 (TS 22.141v200)	Presence Service	Agreed to be sent to SA #13 for approval
S1-010842	LS to S2 on Presence Service	Presence ad hoc	Approved
S1-010843	LS to IETF on Presence Information	Presence ad hoc	Approved
S1-010844	Reply to LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	Orange	Approved
S1-010846	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel/Motorola/Texas Instruments/FT	Agreed to be sent to SA #13 for approval
S1-010847	LS on Distributed Speech Recognition (DSR)	Qualcomm/Alcatel/Motorola/Texas Instruments/FT	Approved
S1-010848	SA1 Adhoc Planning and Coordination Guidelines	SBC Communications	Revised on line
S1-010849	Proposed Reponse to LS on Usage of the Public User Identifier in the IMS	AWS	Approved
S1-010850	LS on GERAN assumption on IMS	BT	Approved
S1-010851	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113; Rel 5; F	Vodafone	Agreed to be sent to SA #13 for approval
S1-010852	Tones support for CAMEL phase 4	Logica Mobile Networks	Agreed to be sent to SA #13 for approval
S1-010853	Applicability of CAMEL to IMS	Siemens	Agreed to be sent to SA #13 for approval
S1-010854	Applicability of CAMEL to IP Multimedia sessions	Lucent	Revised
S1-010855	UE Split ad hoc report	Motorola	Approved
S1-010856	Draft LS to SA2 on PUSH stage 1	Push ad hoc	Approved
S1-010857	Report of Broadcast ad hoc in Newbury	Chairman Broadcast	Approved
S1-010858	Output TS for Broadcast and Multicast	M/B Ad-Hoc	Agreed to be sent to SA #13 for approval
S1-010859	Release 5 IMS Service Continuity Requirements	Orange	Agreed to be sent to SA #13 for approval
S1-010860	draft LS on Cell ID in SIP messages	Nokia	Revised
S1-010861	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	Nokia, SBC	Agreed to be sent ot SA #13 for approval, with objection from Ericsson
S1-010862	Correction of support of facsimile teleservice for UMTS R99 specifications	Siemens	Agreed to be sent to SA #13 for approval
S1-010863	LS about IMS access security and the UE split	UE ad hoc	Approved

S1-010864	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	S1-OSA ad hoc	Agreed to be sent to SA #13 for approval
S1-010865	WI for User Profile	UP ad hoc	Agreed to be sent to SA #13 for approval
S1-010866	Draft LS on User Profile	Motorola	Approved
S1-010867	LS to introduce the stage 1 for MBMS to S2	Hutchison	Revised to attach the TS and change the address list
S1-010868	TR 22.941 v.0.4.0 (without change bars)	Framework ad hoc	Agreed as the basis for further work
S1-010869	Cover LS for the Framework Specification 22.941	Framework ad hoc	Approved
S1-010870	SA1 Adhoc Planning and Coordination Guidelines	SBC Communications	Agreed
S1-010871	LS on "Digital Rights Management"	Nokia	Revised
S1-010872	draft LS on Cell ID in SIP messages	Nokia	Approved
S1-010873	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115; Rel 5; B	Lucent Technologies /Siemens AG	Agreed to be sent to SA #13 for approval
S1-010874	Reply to LS on 3GPP Vocabulary document TR21.905	R4	Approved
S1-010875	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	Ericsson	Rejected, email input invited
S1-010876	LS to introduce the stage 1 for MBMS to S2	Hutchison	Approved
S1-010877	LS on "Digital Rights Management"	Nokia	Approved
S1-010878	Applicability of CAMEL to IP Multimedia sessions	Lucent	Agreed to be sent to SA #13 for approval
S1-010879	Definition of Value Added Service Povider	Ericsson	To email
S1-010880	Definition of Home Environment, HE-VASP and Value Added Service Provider	Ericsson	To email
S1-010881	Definition of Home Environment	Ericsson	To email
S1-010882	Definitions of Home Environment and HE-VASP	Ericsson	To email

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ANNEX C – Reports of ad hocs

IMS ad hoc	Presence ad hoc		
S1-010738 .doc S1-010687.doc	S1-010698.doc	S1-010721.doc	S1-010703.doc
Camel ad hoc S1-010748.doc	**Network Selection** S1-010781.doc		
UE Functionality Split Adhoc S1-010855.doc	**OSA ad hoc** S1-010656.doc		
Streaming ad hoc S1-010834.doc	**User Profile ad hoc** S1-010800.doc		
Broadcast MM ad hoc S1-010733.doc	**Push ad hoc** S1-010857.doc S1-010809.doc		
Framework Specification ad hoc S1-010794.doc			

ANNEX D – Document Index