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TSG SA1 STATUS REPORT

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1 General Overview of Progress

The TSG_SA_WG1 #13 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 with recognition of Lucent Technologies for network equipment and AWS for the social event.

2 External Liaisons

The following liaison statements have been sent from SA1 to external bodies.

Document Number	Title	To	Copy	Sent
S1-010779	LS from Broadband Radio Access Networks	EP BRAN	SA	18/07/2001
S1-010840	LS to PAM Forum and Parlay Forum on Presence Information	PAM, Parlay		18/07/2001
S1-010843	LS to IETF on Presence Information	IETF	Ileana Leuca (3GPP IETF Co-ordinator)	18/07/2001
S1-010844	Reply to LS to 3GPP TSG-SA WG1 and TSG-T3 on FDN	TWG	T3	18/07/2001

3 Change Requests for R99 or earlier

3.1 Facsimile

At the last meeting of SA, SA1 noted that both 22.003 and 22.100 refer to the applicability of the Facsimile Teleservice is applicable to R99 UMTS. Since there is no technical realisation for this service in UMTS R99 it is then necessary to clarify the stage 1 description of this teleservice.

The two CRs 22.003-005 and 22.100-030 were presented in document SP-010242 for approval and, whilst the change to 22.003 was approved, the CR to 22.100 was passed back to SA1 for reconsideration.

This was done at the last meeting of SA1, an a resulting CR 22.100-030r2 is provided in document SP-010428.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010428	22.100	030	2	R99	F	Correction of support of facsimile teleservice for UMTS R99 specifications	3.6.0	3.7.0	S1-010862

4 Work Items with SA1 Lead

4.1 Vocabulary (21.905)

SA1 has received a number of proposed changes to 21.905 from CN1. The two CRs in the liaison statement were to R99 and Rel-4. These were reviewed in SA1 and were agreed to be sent to SA #13 for approval and can be found in SP-010429.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010429	21.905	014		R99	F	Adding new definitions for 21.905 for lu mode and A/Gb mode	3.2.0	3.3.0	S1-010610
SP-13	SP-010429	21.905	015		Rel-4	A	Adding new definitions to 21.905 for In lu mode and In A/Gb mode	4.3.0	4.4.0	S1-010611

It has been queried as to what should happen for Rel-5. This is for further notice. To this end, a proposal was received in SA1 to set up some discussion on how to proceed. It was decided to have a new email list called 3GPP_SA_WG1_vocabulary. This has been set up and other interested groups such as GERAN, CN, SA have been invited.

A similar request from RAN 4 has also been received on what is termed "Essential corrections to definitions" to Align some definitions with the ones used in RAN 4 specifications. The first CR, 011 is for R99 and the second and third CRs, 012 and 013 are for Rel-4 and Rel-5 respectively. These latter CRs contain the changes in 011, but other elements are added. These are provided in document SP-010431 for approval.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010430	21.905	011		R99	F	CR to 21.905v3.2.0 (R99) on Alignment of definitions requested by RAN 4	3.2.0	3.3.0	S1-010647
SP-13	SP-010430	21.905	012		Rel-4	F	CR to 21.905v4.3.0 (Rel-4) on Alignment of definitions requested by RAN 4	4.3.0	4.4.0	S1-010648
SP-13	SP-010430	21.905	013		Rel-5	B	CR to 21.905v5.0.0 (Rel-5) on Alignment of definitions requested by RAN 4	5.0.0	5.1.0	S1-010649

CR 21.905-016 contains a number of changes related to GTT and is presented in document SP-010431.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010431	21.905	016		Rel-5	B	CR to 21.905 version 5.0.0 Nomenclature for GTT	5.0.0	5.1.0	S1-010838

4.2 CAMEL (22.078)

SA1, and its subworking group, has been working on CAMEL, specifically:

- Address charging requirements for Call Party Handling (Achieved);
- Address service requirements for CAMEL inter-working with IMS (Partially achieved).

The resulting CRs are:

22.078-112r3: Currently the charging aspects in respect to the CAMEL Phase 4 Call Party Handling are not considered. Furthermore, some previous CAMEL Phases functionality needs to be indicated more clearly to be consistent with the proposed changes due to the CPH charging impact.

22.078-113r2: When Call Party Handling was introduced into 22.078, the addition of the new terms into the definitions section was overlooked. This CR corrects this omission.

22..078-114r1: Editorial corrections provided to subclause 8.1.

22.078-115r1: This CR introduces the requirements for CAMEL interworking with IP multimedia session in the IMS.

22.078-116: With the notification of charging information the CSE will be informed about charging relevant data, received in the MSC. If the CSE is supervising the call duration, it may be needed to be revised due to the newly-obtained charging relevant data. This feature is essential particularly in the case of Prepaid Service.

22.078-118: In the MSC a charge indicator (part of the parameter Backward Call Indicator) may be received via one (or more) of the following ISUP messages: (CON, ACM, CPG and/or ANM). The MSC may write a charge indicator in the Call Data Record. For this purpose the MSC evaluates the received charge indicator and write the result into the Call Data Record (either directly like received via ISUP or changed by MSC itself). However, the CSE does not know the charge indicator stored in the Call Data Record within the MSC. For Prepaid subscribers this charging information is essential for the CSE, hence a notification shall be sent in every case to the CSE (independent, whether requested by CSE or not). This enables the CSE to perform the proper actions, e.g. in case of Prepaid subscribers.

22.078-119r2: When pre-paid subscribers become low on credit, it is normal to play a warning tone. When m-commerce and/or concurrent charging activities are supported, the only way that an SCP can currently play warning tones to a roaming subscriber is by routing the call back to the home network. This is unacceptable on cost grounds.

22.078-120: 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.

22.078-121r1: This CR introduces the requirements for CAMEL interworking with IP multimedia session in the IMS.

22.078-122r1: This CR Identifies the scope of use of CAMEL for IP Multimedia Sessions.

22.078-123: This CR introduces the requirements for CAMEL IMS procedure when a user registers with the IM CN subsystem on application level.

All these CRs are presented in document SP-010432 for approval.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
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SP-13	SP-010432	22.078	112	3	Rel-5	B	Enhanced charging for Call Party Handling. 22.078-112; Rel 5; F	5.3.0	5.4.0	S1-010782
SP-13	SP-010432	22.078	113	2	Rel-5	F	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113; Rel 5; F	5.3.0	5.4.0	S1-010851
SP-13	SP-010432	22.078	114	1	Rel-5	F	CR to 22.078 (Rel-5) on Editorial corrections to subclause 8.1. 22.078-114; Rel 5; F	5.3.0	5.4.0	S1-010691
SP-13	SP-010432	22.078	115	1	Rel-5	B	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115; Rel 5; B	5.3.0	5.4.0	S1-010873
SP-13	SP-010432	22.078	116		Rel-5	C	CR additional procedure description to Charging Notification 22.078-116; Rel 5; C	5.3.0	5.4.0	S1-010693
SP-13	SP-010432	22.078	118		Rel-5	C	CR additional information called party connection procedure 22.078-118; Rel 5; C	5.3.0	5.4.0	S1-010695
SP-13	SP-010432	22.078	119	2	Rel-5	B	Tones support for CAMEL phase 4	5.3.0	5.4.0	S1-010852
SP-13	SP-010432	22.078	120		Rel-5	F	Correction of on line charging procedures in case of CPH	5.3.0	5.4.0	S1-010806
SP-13	SP-010432	22.078	121	1	Rel-5	B	Applicability of CAMEL to IMS	5.3.0	5.4.0	S1-010853
SP-13	SP-010432	22.078	122	1	Rel-5	B	Applicability of CAMEL to IP Multimedia sessions	5.3.0	5.4.0	S1-010878
SP-13	SP-010432	22.078	123		Rel-5	B	CAMEL and IM application registration	5.3.0	5.4.0	S1-010666

4.3 Global Text telephony

At SA #12, SA1 proposed 22.226 for approval. 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.

Two proposals were received at SA1, from which one was chosen, based on the minutes of SA #12. It is presented in CR 22.226-001 in document SP-010433 for approval noting objections received from Ericsson.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010433	22.226	001		Rel-5	F	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	5.0.0	5.1.0	S1-010861

4.4 IMS

The work on IMS in SA1 is reasonably stable and is mainly related to clarifications with other groups. To this end, SA1 is in close communication with SA2, CN, T2, RAN and GERAN.

Apart from this, SA1 continuing its work to integrate IMS into other standards. At the last meeting, SA1 received an input relating to release 5 IMS service continuity requirements when moving within UTRAN, within GERAN and between UTRAN and GERAN coverage areas (that support those IM services). The CR is based on text previously-agreed in SA1 as capturing the operator requirements, but at that point in time, SA1 could not agree which requirements to include in which Release.

This is now resolved and CR 22.129-020r1 is presented for approval in document SP-010434.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010434	22.129	020	1	Rel-5	B	Release 5 IMS Service Continuity Requirements	4.3.0	5.0.0	S1-010859

SA1 has also received input in the form of general comments to 22.228. These relate to:

- Definition of Local services
- Services provided by service providers
- End-to-end IP transparency
- 3GPP specific adaptations of applications
- Adding and removal of media components during a session
- Editorial; interworking with Internet
- Terminal capability determination
- Provision of text for Global Text and Total Conversation (GTT)

SA1 has seen some change requests (see database) that have been dealt with under email approval.

CR 22.228-007 on Interworking with internet and CR 22.228-008 on Terminal capability determination have been agreed by email and are presented in document SP-010435 for approval.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010435	22.228	007		Rel-5	D	Interworking with internet	5.2.0	5.3.0	S1-010824
SP-13	SP-010435	22.228	008		Rel-5	C	Determination of terminal capability	5.2.0	5.3.0	S1-010825

However, at this time, there was not sufficient support for the remaining CRs to be approved and it will be dealt with at the next meeting.

Also dealt with over email were two CRs, 22.101-86r1 and 22.127r1 on Definition of Home Environment and HE-VASP. These been agreed by email and are presented in document SP-010436.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
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SP-13	SP-010436	22.101	086	1	Rel-5	F	Definition of Home Environment	5.3.0	5.4.0	S1-010889
SP-13	SP-010436	22.127	024	1	Rel-5	F	Definitions of Home Environment and HE-VASP	5.0.0	5.1.0	S1-010890

For some time there has been a dialogue between SA2 and SA1 on the subject of IM CN Subsystem Roaming. SA1 believes that it is important to allow separate PS domain and IMS roaming agreements. It should be possible to allow PS domain access but not IMS (both when in home network and when roaming). Clearly IMS access is not possible without PS domain access.

There are a number of scenarios that need to be distinguishable by the terminal, to determine the actions it should take, when an attempt to use IMS is rejected (or not) when roaming. These have been sent to SA2 for comment.

In the meantime, it was also agreed in SA1 that the Stage 1 description should describe the above scenarios/requirements. A change request to 22.228-009r2 is being presented in document SP-010438 for approval.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010438	22.228	009	2	Rel-5	C	CR to 22.228 on IM CN Subsystem Roaming	5.2.0	5.3.0	S1-010896

4.5 Framework Specification

As part of the IMS, and as directed by SA, SA1 has been working on 22.941, Framework Specification. Substantial Progress has been made on TR 22.941, including:

- ?? Restructuring of the document to facilitate logic flow
- ?? Clarification of sections/concepts within the report
- ?? Refinement of service examples for
 - Multimedia Services
 - Peer to Peer Gaming
 - Server Based Gaming
 - Local Services
- ?? Provision of text for Presence Service
- ?? Identification of additional services
 - Downloading Multimedia Objects
 - Interactive Customer Care
 - Multimedia Group Call
- ?? Identification of potential additional services
 - Phone to Phone Object Transfer (pending clarification of service requirements)
 - Synchronization (pending clarification of service requirements)
 - Distributed Speech Recognition (pending endorsement within SA1)

Even though work is still ongoing and the document is not yet stable enough to be approved, SA1 felt that it should be distributed to the other groups of 3GPP. This has been done in the

liaison statement that is provided to SA in document SP-010408.

4.6 UE Split

The work item UE Functionality split is related to IMS in that it appears as a work task under the CN1 building block Multimedia Capabilities. At the last SA meeting, it was proposed to delete the building block and this was approved. However, SA1 has been working on this task and does not wish to stop work as it has an active sub-working group on the subject. Therefore, it was decided that the Work Task UE Functionality split should become a building block with SA1 as lead. If this is approved, then SA1 will write a WID that should be presented at SA #14.

4.7 Presence

The Presence ad hoc has been particularly active since the stage 1 in 22.141 was presented to SA. The document is now considered to be stable enough to be presented for approval. This is being done in document SP-010444.

The open items still remaining are:

- To include contributions on charging requirements;
- Provide a minimum set of attributes for the presence information; and
- Clarify the meaning of watcher information, to provide use cases where this information can be used and to detail the privacy of watcher.

Furthermore, the work of the PUSH ad hoc has not been taken into account in the Presence TS. This will be done in due course.

4.8 Broad/Multicast (MBMS)

SA1 has been in the process of producing a stage 1 for Multimedia Broadcast/Multicast Service (MBMS). This is a change from the original "Multicast and Broadcast". The results from SA1 have been provided in a draft 22.146 to SA2, S3, S5, T2, GERAN, RAN and RAN2. A TR was also presented to SA #12 for information and it was requested that it should be brought back as a stage 1.

This has been done and the stage 1 is presented to SA #13 for approval in document SP-010443.

4.9 Streaming

At its last meeting SA had asked SA1 to address the streaming feature. Based on this, SA1 has now endorsed a process by which a stage 1 description for streaming will be provided. A draft has been written and will be further elaborated at the next meeting and during ad hocs.

In the meantime, T2 noted that SA4 have been working on streaming and has defined a basic streaming service for R'4 which is restricted to download streaming. T2 has defined MMS support for streaming in accordance with the relevant SA4 specs. As such MMS R'4 is restricted to supporting streaming download only. Therefore, T2 has proposed to SA1 that 22.101 should align with this restriction for release 4. Since Rel-4 is closed, SA1 agreed with this approach and are proposing a CR 22.101-085 in document SP-010437.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
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									Vers	Doc.No.
SP-13	SP-010437	22.101	085		Rel-4	F	Correction of MMS paragraph	4.4.0	4.5.0	S1-010772

4.10 OSA

With the approval of the CRs presented to SA #12, SA1 believes that the Rel-4 version is now stable and no further CRs are anticipated.

SA1 has received several CRs to Rel-5 to introduce new functions. It is planned to have 22.127 Rel-5 at SA #14 for approval. It is also expected that an OSA presentation will be given to SA5, but correspondance with SA3 is required to comply with security requirements.

The functions left over from R4 are:

- Journalling Function, S1-010864;
- 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

The CRs to implement the above, and to adapt the scope statement in line with the above (S1-010664) are provided in document SP-010439 and are itemised below:

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010439	22.127	014	1	Rel-5	B	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	5.0.0	5.1.0	S1-010864
SP-13	SP-010439	22.127	015		Rel-5	B	Re-introduction of R5 OSA function; Multi Media Channel Control CR 22.127-15	5.0.0	5.1.0	S1-010658
SP-13	SP-010439	22.127	016		Rel-5	B	Re-introduction of R5 OSA function; Retrieval of Network Capabilities CR 22.127-16	5.0.0	5.1.0	S1-010659
SP-13	SP-010439	22.127	017		Rel-5	B	OSA support of information service function CR 22.127-17	5.0.0	5.1.0	S1-010660
SP-13	SP-010439	22.127	018		Rel-5	B	OSA support of Presence service function CR 22.127-18	5.0.0	5.1.0	S1-010661
SP-13	SP-010439	22.127	019		Rel-5	B	OSA requirements for User Data Management CR 22.127-19	5.0.0	5.1.0	S1-010662
SP-13	SP-010439	22.127	020		Rel-5	B	OSA requirements on User Profile Access Management CR 22.127-20	5.0.0	5.1.0	S1-010663

SP-13	SP-010439	22.127	021		Rel-5	F	Correction of Scope statement CR 22.127-21	5.0.0	5.1.0	S1-010664
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It is planned to have the following elements provided at SA1 #14.

- Information Service, S1-010660
- Presence Service, S1-010661
- User Management, S1-010662
- User Profile Access Management S1-010663

5 Work Items with other Lead

5.1 Push

Work is ongoing on the WI PUSH in conjunction with SA2 and T2. There is a little concern that SA2 might not be able to fulfill new requirements identified from this meeting, but SA1 believes that it is 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. To this end the stage 1 has been rewritten to include those requirements which are relevant specifically to SA1 and discard those requirements which pointed to particular architectural implementations.

SA1 has 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. This stage 1, together with an LS to SA2, has been sent to SA2.

5.2 MExE

SA1 has received an input 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.

Therefore, it has been proposed by T2, and agreed by SA1, to remove the individual classmark definitions as it is in version 3.0.1 with an additional comment about the relationship between classmarks and supporting technologies.

It is presented in CR 22.057-007 and provided in document SP-010440 for approval.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010440	22.057	007		Rel-5	F	Generic requirements for support of multiple MExE classmarks	5.1.0	5.2.0	S1-010629

6 Inputs with no Work Item

6.1 OTA

As part of the debate over the debate on GPRS operator preferences for 3G Rel-4, it was

identified that the mobile terminal may need to be informed of changes in the network. These changes, in this case in the form of operator preferences, need to be transferred to the SIM/USIM over the air.

TS 22.101 already provides for OTA to the USIM, but in the case of GPRS, it is clear that this has to extend to the SIM also. Therefore, SA1 is presenting CR 22.101-083 for Rel-4 and a corresponding change to Rel-5 in CR 22.-101-084, to clarify that the stage 1 requirement for secure OTA updating applies to both the SIM as well as the USIM.

The two CRs are presented in document S1-010441.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010441	22.101	083		Rel-4	F	Addition of a statement on parameter storage on the SIM/USIM.	4.4.0	4.5.0	S1-010831
SP-13	SP-010441	22.101	084		Rel-5	A	Addition of a statement on parameter storage on the SIM/USIM.	5.3.0	5.4.0	S1-010832

6.2 High Speed Downlink Packet Access (HSDPA)

At the last TSG meeting it was requested that requirements be added into SA1 specifications for High Speed Downlink Packet Access. It would appear that the RAN specifications included changes for this feature, but there were no requirements in any stage 1 (see also section 8).

This was not dealt with at the last SA1 meeting, but has subsequently dealt with by email.

Therefore CR 22.060-21r1 and 22.105-32r1 are presented in document SP-010442.

SA	Doc. No.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc.No.
SP-13	SP-010442	22.060	021	1	Rel-5	B	Introduction of High Speed Downlink Packet Access	4.2.0	5.0.0	S1-010898
SP-13	SP-010442	22.105	032	1	Rel-5	B	Introduction of High Speed Downlink Packet Access	4.2.0	5.0.0	S1-010897

7 Work Item Descriptions

7.1 DSR

At its last meeting, SA1 received a presentation on Distributed Speech Recognition (DSR). There was some interest in the group on this subject, and it was subsequently decided to propose a work item. It is being proposed to SA #14 in document SP-010 for Rel-5.

The timescales for Rel-5 are tight, but it should be noted that a significant part of the work has been done by ETSI Aurora and it is being proposed to adopt this as a starting point.

A liaison statement to SA4, SA2 and T2 requesting to study the potential implications on the network and terminal Architecture and protocols of the above points for the Rel-5 timeframe

has been sent by SA1.

A WID for approval is provided in document SP-010445.

7.2 User Profile

The work item User Profile originally existed as a Building Block of SA2 under VHE. However, with the work of VHE group largely complete, and as the nature of User Profile is larger than just VHE alone, SA1 is proposing to have a separate feature called Generic User Profile.

The 3GPP Generic User Profile is the collection of data which is stored and managed by different entities such as the UE, the Home Environment, the Visited Network and Value Added Service Provider, which affects the way in which an individual user experiences services.

The WID for this is provided for approval in SP-010446.

8 General management

Over the last few meetings, SA1 has noticed a number of instances where other groups are doing work on items for which there are no requirements. Some examples of this are:

- New feature for SAT originated SMS
- Enhanced Messaging Service (EMS) on Cell Broadcast Service (CBS)

In both these instances, SA1 could not see any service requirements and consequently both groups involved were sent liaison statement stating this. However, SA1 is concerned over the frequency that this happening and would ask SA to endorse the principle that any company wishing a present a new work item that imply a service requirement, present this to SA1 prior to presenting it to other groups.

9 Meetings of SA1

9.1 Meetings since last SA

The following meetings have been held since SA #12.

S1#13	9-13 July 2001	Lake Tahoe	Hosted by SBC
IP Framework	21-22 Aug 01	Dallas,US	Ericsson
SA1/SA2/SA5 IMS Charging	30 Aug 01	Sophia Antipolis France	ETSI
SA1/T2 UE Functional Split	5 - 6 Sep 01	Edinburgh, Scotland	
Joint User Profile	11 – 13 Sep 01	Sophia Antipolis, France	ETSI
Presence #6	17 – 18 Sep 01	Sophia Antipolis, France	ETSI
OSA #8	19 – 20 Sep 01	Sophia Antipolis, France	ETSI

9.2 Planned meetings

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

SA1#14	5-9 Nov 2001	Japan, hosted by NTT DoCoMo
SA1#15	11-15 Feb 2002,	Austria, hosted by Siemens
SA1#16	13-17 May 2002,	Victoria, Canada, hosted by AWS
SA1#17	12-16 Aug 2002,	host offered: SBC (North America)
SA1#18	11-15 Nov 2002,	no host
OSA #9	15 - 16 Oct 2001,	Loipersdorf , Austria
MBMS #3	15 - 16 Oct 2001,	Loipersdorf , Austria
IP Framework #3	15 - 17 Oct 2001,	Loipersdorf , Austria
Presence #7	16 - 17 Oct 2001,	Loipersdorf , Austria
Streaming #2	16 - 17 Oct 2001,	Loipersdorf , Austria
SA1 Ad hocs	14 -18 Jan 2002,	Phoenix, USA hosted by AWS
SA1 Ad hocs	08 -12 Apr 2002,	Sophia Antipolis, France
SA1 Ad hocs	08 -12 Jul 2002,	no host
SA1 Ad hocs	14 -18 Oct 2002,	no host

Annex 1: Documents provided to this Plenary

Tdoc	Title	Agenda
SP-010426	Presentation of SA1 to SA #13	7.1.1
SP-010427	Status report of SA1 to SA #13	7.1.1
SP-010428	CR 22.100-030r2 on Correction of support of facsimile teleservice for UMTS R99 specifications	7.1.3
SP-010429	CRs to 21.905 on Adding new definitions to 21.905 for In lu mode and In A/Gb mode	7.1.3
SP-010430	CRs to 21.905 on Alignment of definitions requested by RAN 4	7.1.3
SP-010431	CR to 21.905 version 5.0.0 Nomenclature for GTT	7.1.3
SP-010432	Various CRs to 22.078	7.1.3
SP-010433	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA on Subscription for GTT	7.1.3
SP-010434	CR to 22.129-020r1 on Release 5 IMS Service Continuity Requirements	7.1.3
SP-010435	CRs to 22.228 on Interworking with internet and Determination of terminal capability	7.1.3
SP-010436	CRs to 22.101 and 22.127 on Definitions of Home Environment and HE-VASP	7.1.3
SP-010437	CR 22.101-085 on Correction of MMS paragraph for streaming	7.1.3
SP-010438	CR 22.228-009r2 on IM CN Subsystem Roaming	7.1.3
SP-010439	CRs to 22.127 Rel-5 to introduce new functions	7.1.3
SP-010440	CR to 22.057 on Generic requirements for support of multiple MExE classmarks	7.1.3
SP-010441	CRs to 22.101 on Addition of a statement on parameter storage on the SIM/USIM.	7.1.3
SP-010442	CRs to 22.060 and 22.105 on Introduction of High Speed Downlink Packet Access	7.1.3
SP-010443	Stage 1 description of Multimedia Broadcast/Multicast Service (22.146 v2.0.0) for approval	7.1.3
SP-010444	Stage 1 description of Presence Service (22.141 v2.0.0) for approval	7.1.3
SP-010445	WID for Distributed Speech Recognition (DSR)	7.1.3
SP-010446	WID for Generic User Profile	7.1.3

Annex 2: CRs provided to this Plenary

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010430	21.905	011		R99	F	CR to 21.905v3.2.0 (R99) on Alignment of definitions requested by RAN 4	3.2.0	3.3.0	S1-010647
SP-13	SP-010430	21.905	012		Rel-4	F	CR to 21.905v4.3.0 (Rel-4) on Alignment of definitions requested by RAN 4	4.3.0	4.4.0	S1-010648
SP-13	SP-010430	21.905	013		Rel-5	B	CR to 21.905v5.0.0 (Rel-5) on Alignment of definitions requested by RAN 4	5.0.0	5.1.0	S1-010649
SP-13	SP-010429	21.905	014		R99	F	Adding new definitions for 21.905 for lu mode and A/Gb mode	3.2.0	3.3.0	S1-010610
SP-13	SP-010429	21.905	015		Rel-4	A	Adding new definitions to 21.905 for In lu mode and In A/Gb mode	4.3.0	4.4.0	S1-010611
SP-13	SP-010431	21.905	016		Rel-5	B	CR to 21.905 version 5.0.0 Nomenclature for GTT	5.0.0	5.1.0	S1-010838
SP-13	SP-010440	22.057	007		Rel-5	F	Generic requirements for support of multiple MExE classmarks	5.1.0	5.2.0	S1-010629
SP-13	SP-010442	22.060	021	1	Rel-5	B	Introduction of High Speed Downlink Packet Access	4.2.0	5.0.0	S1-010898
SP-13	SP-010432	22.078	112	3	Rel-5	B	Enhanced charging for Call Party Handling. 22.078-112; Rel 5; F	5.3.0	5.4.0	S1-010782
SP-13	SP-010432	22.078	113	2	Rel-5	F	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113; Rel 5; F	5.3.0	5.4.0	S1-010851
SP-13	SP-010432	22.078	114	1	Rel-5	F	CR to 22.078 (Rel-5) on Editorial corrections to subclause 8.1. 22.078-114; Rel 5; F	5.3.0	5.4.0	S1-010691
SP-13	SP-010432	22.078	115	1	Rel-5	B	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115; Rel 5; B	5.3.0	5.4.0	S1-010873
SP-13	SP-010432	22.078	116		Rel-5	C	CR additional procedure description to Charging Notification 22.078-116; Rel 5; C	5.3.0	5.4.0	S1-010693
SP-13	SP-010432	22.078	118		Rel-5	C	CR additional information called party connection procedure 22.078-118; Rel 5; C	5.3.0	5.4.0	S1-010695
SP-13	SP-010432	22.078	119	2	Rel-5	B	Tones support for CAMEL phase 4	5.3.0	5.4.0	S1-010852

SP-13	SP-010432	22.078	120		Rel-5	F	Correction of on line charging procedures in case of CPH	5.3.0	5.4.0	S1-010806
SP-13	SP-010432	22.078	121	1	Rel-5	B	Applicability of CAMEL to IMS	5.3.0	5.4.0	S1-010853
SP-13	SP-010432	22.078	122	1	Rel-5	B	Applicability of CAMEL to IP Multimedia sessions	5.3.0	5.4.0	S1-010878
SP-13	SP-010432	22.078	123		Rel-5	B	CAMEL and IM application registration	5.3.0	5.4.0	S1-010666
SP-13	SP-010428	22.100	030	2	R99	F	Correction of support of facsimile teleservice for UMTS R99 specifications	3.6.0	3.7.0	S1-010862
SP-13	SP-010441	22.101	083		Rel-4	F	Addition of a statement on parameter storage on the SIM/USIM.	4.4.0	4.5.0	S1-010831
SP-13	SP-010441	22.101	084		Rel-5	A	Addition of a statement on parameter storage on the SIM/USIM.	5.3.0	5.4.0	S1-010832
SP-13	SP-010437	22.101	085		Rel-4	F	Correction of MMS paragraph	4.4.0	4.5.0	S1-010772
SP-13	SP-010436	22.101	086	1	Rel-5	F	Definition of Home Environment	5.3.0	5.4.0	S1-010889
SP-13	SP-010442	22.105	032	1	Rel-5	B	Introduction of High Speed Downlink Packet Access	4.2.0	5.0.0	S1-010897
SP-13	SP-010439	22.127	014	1	Rel-5	B	Re-introduction of R5 OSA function; Traceability, CR 22.127 - 14	5.0.0	5.1.0	S1-010864
SP-13	SP-010439	22.127	015		Rel-5	B	Re-introduction of R5 OSA function; Multi Media Channel Control CR 22.127-15	5.0.0	5.1.0	S1-010658
SP-13	SP-010439	22.127	016		Rel-5	B	Re-introduction of R5 OSA function; Retrieval of Network Capabilities CR 22.127-16	5.0.0	5.1.0	S1-010659
SP-13	SP-010439	22.127	017		Rel-5	B	OSA support of information service function CR 22.127-17	5.0.0	5.1.0	S1-010660
SP-13	SP-010439	22.127	018		Rel-5	B	OSA support of Presence service function CR 22.127-18	5.0.0	5.1.0	S1-010661
SP-13	SP-010439	22.127	019		Rel-5	B	OSA requirements for User Data Management CR 22.127-19	5.0.0	5.1.0	S1-010662
SP-13	SP-010439	22.127	020		Rel-5	B	OSA requirements on User Profile Access Management CR 22.127-20	5.0.0	5.1.0	S1-010663
SP-13	SP-010439	22.127	021		Rel-5	F	Correction of Scope statement CR 22.127-21	5.0.0	5.1.0	S1-010664
SP-13	SP-010436	22.127	024	1	Rel-5	F	Definitions of Home Environment and HE-VASP	5.0.0	5.1.0	S1-010890
SP-13	SP-010434	22.129	020	1	Rel-5	B	Release 5 IMS Service Continuity Requirements	4.3.0	5.0.0	S1-010859
SP-13	SP-010433	22.226	001		Rel-5	F	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	5.0.0	5.1.0	S1-010861
SP-13	SP-010435	22.228	007		Rel-5	D	Interworking with internet	5.2.0	5.3.0	S1-010824

SP-13	SP-010435	22.228	008		Rel-5	C	Determination of terminal capability	5.2.0	5.3.0	S1-010825
SP-13	SP-010438	22.228	009	2	Rel-5	C	CR to 22.228 on IM CN Subsystem Roaming	5.2.0	5.3.0	S1-010896

Annex 3: TSs and TRs under SA1 responsibility

Type	Number	Title
TR	21.905	3G Vocabulary
TS	22.001	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network (PLMN)
TS	22.002	Bearer Services Supported by a GSM PLMN
TS	22.003	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)
TS	22.004	General on Supplementary Services
TS	22.011	Service accessibility
TS	22.016	International Mobile Equipment Identities (IMEI)
TS	22.024	Description of Charge Advice Information (CAI)
TS	22.030	Man-Machine Interface (MMI) of the Mobile Station (MS)
TS	22.034	High Speed Circuit Switched Data (HSCSD) – Stage 1
TS	22.038	SIM application toolkit (SAT); Stage 1
TS	22.041	Operator Determined Call Barring
TS	22.042	Network Identity and Time Zone (NITZ), stage 1
TS	22.043	Support of Localised Service Area (SoLSA) – Stage 1
TS	22.057	Mobile Station Application Execution Environment (MExE); Stage 1
TS	22.060	General Packet Radio Service (GPRS); Stage 1
TS	22.066	Support of Mobile Number Portability (MNP); Stage 1
TS	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) – Stage 1
TS	22.071	Location Services (LCS); Stage 1 (T1P1)
TS	22.072	Call Deflection (CD); Stage 1
TS	22.078	CAMEL; Stage 1
TS	22.079	Support of Optimal Routing; Stage 1
TS	22.081	Line Identification Supplementary Services; Stage 1
TS	22.082	Call Forwarding (CF) Supplementary Services; Stage 1
TS	22.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1
TS	22.084	MultiParty (MPTY) Supplementary Service; Stage 1
TS	22.085	Closed User Group (CUG) Supplementary Services; Stage 1
TS	22.086	Advice of Charge (AoC) Supplementary Services; Stage 1
TS	22.087	User-to-user signalling (UUS); Stage 1
TS	22.088	Call Barring (CB) Supplementary Services; Stage 1
TS	22.090	Unstructured Supplementary Service Data (USSD); Stage 1
TS	22.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 1
TS	22.093	Call Completion to Busy Subscriber (CCBS); Stage 1
TS	22.094	Follow Me Stage 1
TS	22.096	Calling Name Presentation (CNAP); Stage 1 (T1P1)
TS	22.097	Multiple Subscriber Profile (MSP); Stage 1
TS	22.100	UMTS Phase 1

Type	Number	Title
TS	22.101	UMTS Service principles
TS	22.105	Services & Service capabilities
TS	22.115	Service Aspects Charging and billing
TS	22.121	Provision of Services in UMTS – The Virtual Home Environment
TS	22.129	Handover Requirements between UMTS and GSM or other Radio Systems
TS	22.135	Multicall Stage1
TS	22.140	Multimedia Messaging Service Stage 1
TR	22.907	Terminal concepts
TR	22.960	Mobile multimedia services
TR	22.971	Automatic establishment of roaming relationships
TR	22.972	Multimedia
TR	22.975	Advanced addressing
TR	22.976	Release 2000 services and capabilities
TR	23.927	VHE, Open Service Architecture