3rd Generation Partnership Project

REPORT Version 1

TSG_SA_WG1#12 Plenary Meeting

Helsinki, Finland
7th to 11th May 2001

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

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DRAFT MEETING REPORT

1 Opening of the Meeting

The TSG_SA_WG1#12 Plenary Meeting was held in Helsinki, Finland from the 7th to 11th May 2001. It was chaired by Mr Kevin Holley (BT Wireless) and the secretary was Mr Michael Clayton from the MCC. The hosts were Sonera, TAC, Nokia and Elisa Comms.

Mrs Gun Aulen, from Sonera, welcomed the delegates to Helsinki, Finland. She wished the delegates a pleasant stay and a fruitful meeting.

It was noted that the PAASITORNI Conference Center is a significant building in Helsinki; the Prime Minister had his wedding reception and the last two presidents had their inaugural parties here.

2 Adoption of Agenda

Document Number	Title	Source
S1-010289	Draft Agenda for SA1 meeting #12	MCC

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

2.1 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.

3 Report and Email Approval from last meeting

3.1 Approval of report of last meeting

Document Number	Title	Source
S1-010264	Report of TSG_SA_WG1#11 Meeting	MCC

The report was approved without comment.

3.2 Email Approval

This was done as part of the report from SA #11.

Document Number	Title	Source
S1-010273	Report of OSA ad hoc in Tempe #6	OSA ad hoc
S1-010274	Clarify the situation when a user becomes available	OSA ad hoc
S1-010275	Terminal capabilities	OSA ad hoc
S1-010276	Make the Scope more precise description of 22.127	OSA ad hoc
S1-010277	Clarify charging requirements	OSA ad hoc
S1-010278	OSA consistency within stage1 specification	OSA ad hoc
S1-010279	Clarification to the requirements of the Event Notification Function	OSA ad hoc
S1-010269	Number of LCS Clients	SBC
S1-010266	Restructuring of tables in section 3.1	Rapporteur

The above documents were noted since they were previously presented to and approved at SA#11. They were presented for historical information.

4 Reports from other groups

4.1 SA #11

Document Number	Title	Source
S1-010284	Request for information for proposed ITU-T Technical report being developed by the Special Study Group on "IMT-2000 and beyond"	ITU-T
S1-010287	Report of SA #11 in Palm Springs	Team SA1
S1-010288	List of actions for SA1 from SA #11 in Palm Springs	Team SA1

Document S1-010288 contained a list of actions arising from SA #11. It was commented that this is intended to be a prompt to allow for preparation of work for this meeting. The chairman indicated that there are a number of inputs relating to actions in this list already received at this meeting. However, he suggested that the relevant ad hocs to be held during this meeting be actioned to pick off relevant actions and address them. Anything left will be dealt with by the SA1 plenary.

Document S1-010284 contained a liaison statement from ITU-T on a Technical Report being by IMT-2000 and beyond. It was asked why this is at SA1. It was answered that this was referred to the WGs, but that in the meantime PCG had looked at the document and the ITU have been directed to look at the 3GPP site and the working groups do not need to get involved. The document was noted.

4.2 GTT workshop

Document Number	Title	Source
S1-010311	Refinement of the GTT service requirements	GTT Drafting Group (Nortel Networks)
S1-010316	Draft Report of the GTT Workshop	Secretary, Maurice Pope, MC
S1-010317	User to User support of CTM	Drafting Group (GTT ad hoc)
S1-010536	Version 1.1.0 of 22.226 of GTT	Nortel

The workshop that had been set up by the TSG SA Plenary and was chaired by Mr Gary Jones. There had been 2 solutions proposed for GTT, transcoder based and server-based. Advantages and disadvantages for each solution had been debated, and the TSG SA Plenary agreed that the Workshop should try to address the issues

of both solutions in order to provide an early Rel-5 solution. The Workshop investigated the priorities needed for developing the solutions for GTT/TTY support

The path forward was contained two documents in annex B of S1-010316, but summarised in section 7:

- The workshop concluded that a Phased approach was required , support of mandated FCC E911 requirements (emergency call) and then the full user-to-user features. It was also agreed that multiple options would be allowed. A detailed elaboration of the ways to realise the implementation of these options was needed.
- In the study of the options in Phase 2, it is possible that not all options will be standardised and implemented.
- In order for many of the options to work, support of CTM in the mobile is a requirement.
- Contributions to the relevant 3GPP WGs would be provided by the individual solution proponents taking into account the agreements reached at the workshop.
- T WG2 should take responsibility for the terminal aspects of GTT, including the provision of the capability to enable and disable CTM bearer capability information.
- CN WG1 should take responsibility for the addition of the CTM bearer capability code point.
- Groups to be contacted are: SA WG1, SA WG2, CN WG1, CN WG2, T WG2, TSG SA, T1P1, information to SA WG4 and CN WG4.

The SBC representative indicated that a phased approach would not be acceptable in the U.S. market where companies such as Cingular Wireless would be required to deliver solutions that enable full compliance with emergency services requirements as well as user to user text telephony in the same timeframe.

It was noted that the documents S1-010311 and S1-010317 are the output from the workshop, but that there have been subsequent proposals since then. The work was postponed for the GTT ad hoc during this meeting.

The GTT adhoc subsequently met during lunch periods. The adhoc group came to the conclusion that S1-010311 represented the consensus view of the GTT workshop, but noted that Ericsson had reservations regarding subscription requirements. As indicated in S1-010311, subscription to GTT is not required, but Ericsson was of the opinion this should be required. However it was felt that access without subscription was a U.S. requirement, and represented the consensus view of the GTT workshop. Therefore the adhoc group recommended approval of S1-010311, noting Ericsson's concerns.

Subsequently, the CR in S1-010311 was approved in the SA1 plenary session to be sent to SA #12 for approval, noting that Ericsson is welcome to further address their concerns within SA. It was also noted that this is a CR to version 1.0.0 of the GTT requirements specification, which is not appropriate. It was therefore decided to update the TS to 1.1.0 and then to SA #12 as 2.0.0. It is expected to be approved for release 5.

The version of the TS with the changes accepted (V1.1.0) was provided in document S1-010536. It was provisionally agreed to send this to SA #12 for approval at version 2.0.0.

Document S1-010317 provides some background information on the solutions available for GTT. It was noted.

4.3   UMTS Forum workshop

Document Number	Title	Source
S1-010387	Action points for SA1	UMTS Forum

S1-010387 contained a list of actions from a UMTS Forum and 3GPP two-day Workshop with the purpose to identify the essential technology enablers for the key 3G service categories and relate them to work items in the major standards and industry fora. The primary goal of the workshop was to establish priorities for future standardisation development and to identify gaps, if any, in the current standards process. The workshop started with presentations on the recent UMTS Forum findings on service revenue opportunities, developments in the Internet and multimedia industries, and the current status of standardisation activities. A group discussion followed on essential technology enablers required to deliver service capabilities from a market perspective.

Most of the requirements are covered by the IMS ad hoc. The chairman asked if it was appropriate for this do be dealt with in the IMS ad hoc. It was subsequently decided that all the ad hocs should refer to this document and report back (See section 11).

5 Liaisons from other groups

5.1 SA

5.1.1 SA2

Document Number	Title	Source
S1-010303	TS 23.221 Architectural requirements for Release 5	TSG-SA WG2
S1-010304	Proposed LS on voice bearer interworking	TSG-SA WG2
S1-010305	Proposed Reply LS on "Proposal not to use the IMSI as the identity of an IM subscriber	TSG-SA WG2
S1-010395	LS on Replacement of 23.121 for R4 onwards	TSG-SA WG2
S1-010504	Replacement of references to 23.121 for R4 onwards	Rapporteur
S1-010505	Replacement of references to 23.121 for R4 onwards	Rapporteur

Document S1-010395 contained a liaison statement from SA2 regarding a change of specification. SA2 have asked that all TSG WGs be aware that TS 23.121 will not be part of the 3GPP specification set from R4 onwards. TS 23.121 has been replaced by TS 23.221, which was contained in S1-010303.

It was requested that the rapporteurs check there specifications to ensure that any reference to TS 23.121 and to remove these or replace them (if appropriate) with TS 23.221.

Document S1-010504 and S1-010505, containing CRs to 22.101 Rel-4 and Rel-5, were presented in response to a liaison statement from SA2 in S1-010303. Document S1-010505 was changed to category A. With this, it was agreed to send both CRs to SA #12 for approval. (see also section 11.2).

The liaison statement mentioned an attachment, which was provided in document S1-010303 on Architectural requirements for Rel-5. This is at version 1.1.0 and so it has been seen by SA. It also contains some changes which would account for the version 1.1.0. It was decided that this should be sent to the IMS ad hoc as the architecture for Rel-5 will have the greatest impact on the services for IMS (See section 11.2).

Documents S1-010304 and S1-010305 also related to the IMS ad hoc and were dealt with there (See section 11.2).

5.1.2 SA3

Other than anything distributed to the appropriate section of the agenda, there was no input was received from SA3.

5.1.3 SA5

Document Number	Title	Source
S1-010402	LS in reply to LS on MExE and User Equipment Management (T2?000756)	SA5
S1-010403	LS on Subscription Management Requirements and Model	SA5

Document S1-010402 contained a LS which is copied to SA1 on MExE and User Equipment Management. Whilst SA1 should be aware of the work ongoing, it was considered that SA1 need not be involved at this time. A similar comment was made for document S1-010403.

On document S1-010403 it was noted that in Capetown there was an issue of service provision that was sent to VHE and was considered. It was noted that in figure 5 this subject is also addressed. It was suggested that the VHE should look at this subject. This could be a problem since the VHE group decided to dissolve itself.

Based on this, it was decided to note it with a request to delegates to bring this matter up if there is a need.

See also 7.3 where it was proposed that the IMS group would look at service provisioning.

5.1.4 SA4

Document Number	Title	Source
S1-010401	Packet Switched Conversational Multimedia Applications; Default Codecs	3GPP TSG SA4

Document S1-010401 was not taken by the streaming ad hoc and so it was dealt with in the closing plenary of SA1. It contained a liaison statement from SA4 on Packet Switched Conversational Multimedia Applications; Default Codecs.

It was noted as it is too late in any case. It was noted and delegates were asked to make comments at the next meeting if appropriate.

5.2   T

5.2.1 T2

Document Number	Title	Source
S1-010405	The Wireless Communication Transfer Protocol (WCTP)	TSG-T2

Document S1-010405 contained a liaison statement from T2 to bring awareness of other groups that Wireless Communication Transfer Protocol is seriously being considered for adoption by other groups. It was noted that there is a degree of marketing-speak in this liaison statement identified by quotation marks. It does have some synergy with OSA.

Another initiative for transferring SMS over the internet has been identified and this will be looked at in T2. Some balance needs to be made with the appropriate solutions.

It was decided that the next OSA should look into this.

5.2.2 T3

Document Number	Title	Source
S1-010406	TR 31.900 - SIM/USIM Internal and External Interworking Aspects	T3
S1-010407	RE: Response to LS (S1-0100200= T3-0100146) on KEY IDENTIFICATION EVENT	T3
S1-010419	Indication of Key identification	Vodafone
S1-010506	Indication of Key identification	Vodafone

Document S1-010406 contained a TR on SIM/USIM Internal and External Interworking. This is presented for historical information. It was noted.

Document S1-010407 from T3 on a proposed CR to 22.038 which was sent to T3. When reviewing the LS from S1 in S1-010200 on Key Identification Event, T3 noted that the proposed text within the S1 CR to TS 22.038 (attached) uses "should" instead of "shall" as it should be in the understanding of T3. Subsequently, T3 is asking if this could possibly be changed as to avoid any confusion with the requirement.

However, it was noted in SA1 that there the word "should" was used since there could have been some difficulty on transferring the data across the UE/USIM interface.

More information is required and since the delegate from the source company was not present, it was passed to Mr Wolack to verify the status of the document. A CR to 22.038 was provide in response and was provided in document S1-010419. The original CR provided to T3 in document S1-010200 was not actually sent to SA for approval and so it was possible to make the requested change. It was agreed to send S1-010419 to SA #12 for approval.

Document S1-010506 contained a duplication of S1-010419. It was withdrawn.

5.4   RAN

Document Number	Title	Source
S1-010299	LS on (Equivalent) "PLMN codes" terminology	TSG-RAN WG2
S1-010300	Draft Response to LS (R3-010610 (R2-010250)) on UE positioning request transfer during SRNS relocation	TSG-RAN WG3

Document S1-010299 contained a liaison statement on Equivalent "PLMN codes" terminology. This was sent to Network selection ad hoc: see section 11.9.

Document S1-010300 was noted.

5.5   GERAN

Other than anything distributed to the appropriate section of the agenda, there was no input was received from GERAN.

5.6   GSM Association

Document Number	Title	Source
S1-010270	IMEI format and structure changes	GSM A TWG
S1-010346	Request for additional information for the introduction of 3 digit MNC in Europ	GSM Europe

Document S1-010270 contained a liaison statement from GSM Association Terminals Working Group (TWG) group. An analysis of the current IMEI structure as set out in TWG document TW.06 has revealed that there are at least 77 blocks of 10 to 12th numbers available, and this is not counting the blocks that have been under utilised because of poor co-ordination in the allocating procedure. Based on estimates of future requirements from both the manufacturers and operators it is the considered opinion of the group that there is sufficient numbers available with a small change to the format of the existing 16 digit numbering system.

The document was noted.

Document S1-010346 was moved to the network selection ad hoc (See section 11.9).

5.7   ETSI

Document Number	Title	Source
S1-010361	Convergence of QoS approaches in 3GPP and TIPHON	TIPHON
S1-010396	Convergence of QoS approaches in 3GPP and TIPHON	TSG-SA WG2

Document S1-010361 contained a liaison statement from TIPHON on Convergence of QoS approaches in 3GPP and TIPHON. A response from SA2 was provided in S1-010396. Both documents were noted.

6   Review of input documents not treated in adhocs

6.1 Release 1999 and earlier

Document Number	Title	Source
S1-010349	Priority selection criteria of calls in a multicall	Nokia
S1-010436	Priority selection criteria of calls in a multicall	Nokia
S1-010437	Priority selection criteria of calls in a multicall	Nokia
S1-010442	Priority selection criteria of calls in a multicall	SA1

Document S1-010349 contained a proposed CR to 22.129 on the priority of selection criteria of calls involved in a multicall. It is possible that, when a handover of a multicall takes place, only one bearer can be handed over. An example is in InterSystem handover to GSM or in basic relocation when the target MSC does not support Multicall service. In these cases the 3G-MSC needs to select one bearer among the various bearers of the multicall to continue.

In 23.009 the following criteria is used for the selection: "The priority level as defined in RAB parameters in 25.413", but this is a problem since the priority field is an optional field in 25.413.

However in 22.129 there is a different criteria for the selection. This could lead to different selection mechanisms in different MSCs.

There was some concern over the priorities that have been set. It was understood that the priority should be emergency call, and calls with a priority set in priority order, Telephony if its priority is not set and finally any other calls that can be received by the receiving cell.

There is a slight problem that the solution may impact on CN particularly as this is R99.

It was agreed that a Telephony call without a priority set should have priority over any call that does have priority. With this in mind, it was decided a revision is required.

A revision for R99 and a knock on effect for Rel-4 were provided in documents S1-010436 and S1-010437. Document S1-010436 was further revised to S1-010442. This latter document was sent to CN with a view to having eliciting a response before writing knock-on CR to later phases (hence S1-010437 was not revised).

It was reported that this was discussed in CN1 and it would appear that the issue is more complex than was first expected. According to the current version of TS 23.009, 3G_MSC-A and 3G_MSC-B have to base their decision on "the priority level as defined in RAB parameters in 25.413". However, the priority field is optional in TS 25.413 and therefore may not always be available. Besides, it was pointed out by one delegation that in some countries the regulator explicitly forbids the allocation of priorities to calls.

Based on this S1-010442 was withdrawn pending a response from CN1 on the issue. This will be communicated by MCC.

	AP No	Topic	Action	Interested Parties	Responsible	Docum
12	001	Multicall	MCC to contact chairman of CN1 on the issue of Priority selection criteria of calls in a multicall		MCC	442

6.1.1 CAMEL

Document Number	Title	Source
S1-010306	CR 22.078-xxx on "Clarification on creating a new call" CAMEL4, REL-5, Category F, version 5.2.0)	Vodafone
S1-010307	CR 22.078-xxx on "Clarification of CPH requirements"	Vodafone

	(CAMEL4, REL-5, Category F, version 5.2.0)	
S1-010308	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, R99, Category F, version 3.7.0)	Vodafone
S1-010309	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-4, Category A, version 4.1.0)	Vodafone
S1-010310	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-5, Category A, version 5.2.0)	Vodafone
S1-010313	"Clarification of PDP context QoS change notification to the CSE" (CR 101)	Lucent
S1-010314	"Clarification of PDP context QoS change notification to the CSE" (CR 102)	Lucent
S1-010315	"Clarification of PDP context QoS change notification to the CSE" (CR 103)	Lucent
S1-010543	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, R99, Category F, version 3.7.0)	Vodafone

The above documents were referred to the CAMEL ad hoc (see section 11.3).

6.2 Work Items (SA1 Responsibility)

6.2.1 IP-based multimedia services

Document Number	Title	Source
S1-010271	LS on basic and advanced services examples	IMS ad hoc
S1-010290	LS on "IM CN Subsystem Roaming"	TSG CN WG1
S1-010295	Reply to LS on "Control of IP multimedia services" (NJ-010107)	TSG CN WG5
S1-010382	Charging And Billing for IM session aspects	BT
S1-010383	IP-based multimedia services examples	Ericsson, Rogers Wireless
S1-010385	Redirection	BT
S1-010394	Removal of Visited Control S-CSCF option from the Rel 5 architecture	TSG-SA WG2
S1-010398	Liaison Statement on IMS Service Provision	TSG-SA WG2
S1-010404	IM subsystem tones and announcements	T2

All the above documents were referred to the IMS ad hoc (see section 11.2).

6.2.2 Bearer Modification without pre-notification

Document Number	Title	Source
S1-010540	Removal Bearer modification without pre-modification from 22.001	Siemens
S1-010541	Removal Bearer modification without pre-modification from 22.101	Siemens
S1-010542	Removal Bearer modification without pre-modification from 22.129	Siemens
S1-010552	Bearer modification without pre-modification	Siemens
S1-010553	Bearer modification without pre-modification	Siemens
S1-010568	Bearer modification without pre-modification	Siemens
S1-010588	Bearer modification without pre-modification	Siemens

At the last meeting of SA it was agreed that the WI Bearer Modification without pre-notification should be deleted. SA1, however, already had some CRs on the WI and so it was necessary to delete these CRs.

Documents S1-010540, S1-010541 and S1-010542 to remove the WI Bearer Modification without Pre-Notification from 22.001, 22.105 and 22.129.

It was questioned on S1-010542 if the change goes to far. It is possible that the original CR to introduce the text also corrected some other points which are still valid with the deletion of the WI. It was decided that this needs to be modified.

The revision of S1-010542 was provided in document S1-010553. It was agreed to send the CR in S1-010553 to SA #12 for approval.

It was agreed to send documents S1-010540 and S1-010541 to SA #12 for approval. It was noted that there is a Rel-5 version of 22.101 (as the CR front page indicated in S1-010541) and so another CR is required for a consequential change to the Rel-5 version. This was to be provided in document S1-010552. However, the front sheet of S1-010541 was marked incorrectly as 22.101 when it should have been 22.105. It was revised to S1-010560.

The companion CR for Rel-5 to document S1-010560 (S1-010541) was provided in document S1-010552. Now, due to the error in the front page of S1-010541, a Rel-5 CR was requested since 22.101 has a release 5 version. However, the CR in S1-010541 should have had 22.105, a correction to which resulted in S1-010560, and there is no Rel-5 version of 22.105. Hence, document S1-010552 is not required. It was withdrawn.

In the meantime, it was agreed to send the CR to 22.105 in S1-010560 to SA #12 for approval.

6.2.3   VHE enhancements

See section 7.3.

6.2.4   OSA enhancements

Document Number	Title	Source
S1-010296	LS "Terminal capabilities change notification in OSA"	TSG CN WG5
S1-010297	LS "Request For Clarification on Account Transaction History"	TSG CN WG5
S1-010378	Decoupling the OSA API	Nortel Networks
S1-010379	CR on Decoupling the OSA API	Nortel Networks
S1-010525	LS "Request For Clarification on Account Transaction History"	Siemens
S1-010530	Detailed requirements for transaction history retrieval	Siemens
S1-010531	CR on Decoupling the OSA API	Nortel Networks

Document S1-010296 contained a liaison statement from CN5 as part of a discussion between them and SA2. It was noted.

Document S1-010297 contained another liaison statement from CN5 on a request For Clarification on Account Transaction History. If this is dealt with in this meeting then it will catch the deadline. However, it is difficult to handle it here as not all of the ad hoc are here. Nonetheless it was decided to handle it here.

Mr Leitgeb agreed to handle the discussions on this document. The result was a proposed liaison statement to CN5 in document S1-010525 and a CR to 22.127 in document S1-010530. The CR was agreed to be sent to SA #12 for approval with a minor change to the reason for change:

 Details on Transaction History Retrieval are not sufficiently for implementation by CN5.

The LS in S1-010525 was approved.

Document S1-010378 a discussion document on Decoupling the OSA API. The current OSA specifications make reference to CORBA are the transport mechanism for the OSA API, albeit as an example, which is being

interpreted as the only transport mechanism permitted under the standards. If vendors rigidly comply to this implied requirement then operators are effectively restricted to the deployment of service that have been developed by application service providers to use CORBA technology at the exclusion of all other technologies. However, in recent years, the JAIN Consortium has gained significant industry acceptance as demonstrated by the wide range of participating companies. The JAIN APIs are set of Java™ technology based APIs which enable the rapid development of Next Generation telecom products and services on the Java platform. However, while the JAIN and PARLAY APIs are relatively well aligned, the perceived assumption that the OSA API (which is based on PARLAY) exclusively uses the CORBA object orientated transport technology precludes the deployment of JAIN applications using the OSA framework.

To avoid such an assumption a CR was provided in S1-010379 to introduce the requirement to align OSA with JAIN (as well as PARLAY and ETSI SPAN) as far as possible.

It was requested that some time be allowed for discussion and so it was decided that a discussion should be held outside the meeting, which resulted in a revision of S1-010379 in S1-010531.

It was commented that this interface is a multi-vendor interface, and so the number of options need to be kept to a minimum. It was questioned if this would be harmful to development of OSA in the future. It was added that OSA can be used in the roaming scenario, but also within a network, and it was questioned if this is applicable to the OSA interfaces internally.

The answer to the first question was that there is flexible mapping between transports, but that this should be an issue for other groups. On the second question, it was answered that the solution is generic and applies to OSA internally and externally.

The chairman indicated that anyone with strong objections to the CR contact Mr Sharp; he does not want see new strong objections.

It was agreed to send the CR S1-010531 to SA #12 for approval.

6.2.5   CAMEL phase 4

Document Number	Title	Source
S1-010280	GPRS LOCATION AND STATE QUERY (22.078)	CWTS/Huawei Technologies Co., Ltd
S1-010342	Introduction of the new CSI for the mobility management for the GPRS subscriber	Siemens AG
S1-010365	Introduction of charging requirements for CPH into 22.078	Alcatel

The above documents were forwarded to CAMEL ad hoc (see section 11.3).

6.2.6   Facsimile

Document Number	Title	Source
S1-010272	Correction of applicability of Fax in R99	Lucent

Document S1-010272 contained a CR to the applicability of Fax to R99. This was agreed to be sent to SA #12 for approval.

6.2.7   Technical Enhancements and Improvements (TEI)

Document Number	Title	Source
S1-010320	Alignment with stage 2 & 3	Vodafone
S1-010357	CR to 22.002 for Agenda Item 6.2.7 (TEI)	Siemens
S1-010359	Subscription and Provisioning	Siemens

S1-010537	Subscription and Provisioning	Siemens
S1-010538	Subscription and Provisioning	Siemens
S1-010560	Subscription and Provisioning	Siemens
S1-010574	Subscription and Provisioning	Siemens

During a review by Vodafone of Multiparty, a number of misalignments have been found between the stage 1 and stage 2 and 3. Also there are some misalignments with the terminology. A proposal to correct the misalignments was provided in a CR in S1-010320.

There was some concern that the changes are not as easy as a misalignments; it would appear that there are what appear to be new requirements.

There was no clear acceptance of this CR and so it was rejected at this time. If Mr Wolack can generate some support and perhaps a revision, it may be seen again.

Document S1-010357 contained a CR to 22.002. It was commented that due to the big changes (partially overlapping) in SP-010039 and SP-010040 an erroneous implementation of CRs to 22.002 resulted. The CRs were approved at SA#11 in SP-010039 and SP-010040 (corresponds to S1-010253, S1-010254 and S1-010266)

Document S1-010357 was agreed to be sent to SA #12 for approval with some minor on-line changes.

Document S1-010359 contained a proposal for a number of changes to 22.101 on subscription and provisioning. This was converted into change requests to 21.905 in S1-010537 and 22.101 in S1-010538.

There was some problems with the CR in S1-010538. At least this CR should not be F and the Network Operator definition should be put into this document. The revision was provided in S1-010568. This was further revised to S1-010574. It was agreed to sent the CR to SA #12 for approval with the vocabulary references changes to TR and just TR 21.905 in the abbreviations section.

> **Vocabulary reference in section 2.1 changed to "TR 21.905", and in section 3.2 "3G related" is deleted and "3G TS" changed to "TR"**

Document S1-010537 contained the requested companion CR to the changes proposed in S1-010574 to put in Definitions in 22.101 subscription and service provider. The CR was a general one for Vocabulary.. There was a question as to whether this should be category D. There had been a discussion in the meeting with the SA chairman who indicated that the TR itself could not contain any requirements or features and as such the most appropriate category is editorial. Strange, but it is what the SA chairman indicated.

There was also a discussion on the WI. It is vocabulary at the moment, which is sufficient if the change is stand alone. If relates to another CR It should be the same as the CR that caused it.

It was agreed to send the CR in S1-010537 to SA for approval.

6.2.8   Service Provider Name

Document Number	Title	Source
S1-010381	LS on "Display of Service Provider Name"	France Telecom
S1-010492	Service Provider name reintroduction	PLMN Selection ad hoc
S1-010496	Service Provider name	PLMN Selection ad hoc
S1-010507	Service Provider name	PLMN Selection ad hoc
S1-010515	Service Provider Name	One2one
S1-010535	RE: Display of service provider name (ref : S1-010381/T3-010322)	T3
S1-010549	Service Provider name	Orange

S1-010550	Removal of Graphic display	Orange
S1-010558	Service Provider name	Orange
S1-010579	Response to LS (S3-010128) on the Elaboration of KEY IDENTIFICATION EVENT	T3
S1-010580	Rejection of 2G Authentication and Key Agreement by 3G ME with USIM in UTRAN	T3
S1-010581	RE: Display of service provider name (ref : S1-010557/T3-010383)	T3
S1-010585	Reponsed to LS on Display of service provider name (ref : S1-010557/T3-010383)	Orange
S1-010586	Removal of Graphic display	Orange
S1-010587	Reponsed to LS on Display of service provider name (ref : S1-010557/T3-010383)	Orange
S1-010588	Bearer modification without pre-modification	Orange
S1-010589	Service Provider name	PLMN Selection ad hoc

Document S1-010381 contained a proposed liaison statement to T3 on Display of Service Provider Name. The response from T3 was provided in document S1-010535. T3 indicate that as the S1 requirements for this feature arrived rather late for Rel-4, it is not possible for T3 to fully implement the whole feature in release 4. T3 has provided an interpretation of the requirements. Both of these scenarios could be implemented by T3 for rel-4 subject to approval by TSG-T.

Based on this reply from T3, three CRs were elaborated in documents S1-010492, S1-010496 and S1-010507.

Document S1-010492 contained a CR to 22.101 regarding the addition of Service Provider Name into R99. This requirement was originally in GSM 02.07 in R98 and when GSM 02.07 was subsumed into 22.101, for some reason the requirement was lost. Hence, this CR was provided to reintroduce it. It was noted that the text should be SIM/USIM and not just SIM. This change was made on line. It was agreed to send the CR to SA #12 for approval.

The equivalent CR to release 4 was provided in document S1-010496. However, the change is different to take into account the requirements agreed in Capetown and it is on the basis of this CR that the a response to the liaison statement from T3 in document S1-010535 needs to be elaborated (See also section 6.2.8).

It would appear that we have confused T3 and the changes are, in fact, a lot easier that they thought. In fact, the CR is in line with the CRs provided by T3 and which have been approved at T plenary. There was some confusion on what is meant by the CR and it was felt further clarification was required.

The CR in S1-010496 was revised to S1-010549. A few comments were provided resulting in a revision to S1-010558. This was subsequently revised to S1-010588 and was provisionally agreed-to by SA1.

A liaison statement back to T3 was provided in document S1-010554. The liaison statement was approved. It was noted that the T3 LS in S1-010535 needed to be attached for reference. The combined revision of S1-010554 (with the LS in S1-010535 but without the CR in S1-010588 attached) was provided in document S1-010557. This was agreed to be sent to T3 for ratification prior to being sent to SA #12 for approval. If T3 do have 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.

A companion CR to the changes agreed in S1-010588 for release 5 was provided in document S1-010589. This was first provided in document S1-010507 and was corrected (Rel-5 and category A) to provide the Rel-5 version in S1-010589. It was agreed to send this under the same conditions as S1-010588.

Also in S1-010535, T3 makes reference to the implementation of the graphical representation aspects of the service requirements. T3 have indicated that this will be difficult for Rel-4. On this it was suggested that this be moved to Rel-5. A new CR was provided to do this was provided in S1-010550. Some on line changes were made to the CR and it was provided in S1-010586. It was agreed to send S1-010586 to SA #12 for approval.

There may be a type of ME with no display and it was asked what would happen in this situation. It was answered that all these features in the annex are optional to implement.

Also MS is used in the new text and UE should be used. This will be done by MCC.

The above documents were also dealt with in the Network Selection ad hoc (see S1-010547 in section 11.9)

Document S1-010579 which contained a response to LS (S3-010128) on the Elaboration of KEY IDENTIFICATION EVENT was noted.

Document S1-010580 contained a liaison statement from T3 on Rejection of 2G Authentication and Key Agreement by 3G ME with USIM in UTRAN. This is a very complex issue and it will take some discussion in various fora. It was decided that the meeting should note this document and consider what to do with it.

6.2.9   GPRS (22.060)

Document Number	Title	Source
S1-010337	Alignment with the current stage 2 GPRS change of location	Siemens AG
S1-010338	Alignment with the current stage 2 GPRS change of location	Siemens AG
S1-010339	Alignment with the current stage 2 GPRS change of location	Siemens AG
S1-010409	GPRS operator preferences for 3G Rel-4	T3
S1-010519	GPRS operator preferences for 3G Rel-4	Vodafone
S1-010526	SIM/USIM on the storage of configuration parameters	Vodafone
S1-010527	SIM/USIM on the storage of configuration parameters	Vodafone
S1-010559	LS T3 on GPRS parameters	Vodafone
S1-010565	LS T3 on GPRS parameters	Vodafone
S1-010566	Addition of GPRS parameters	Vodafone
S1-010571	Addition of GPRS parameters	Vodafone

Document S1-010409 contained a liaison statement from T3 on GPRS operator preferences for 3G Rel-4. T3 have identified a requirement for a data field within the USIM application for the setting of GPRS parameters, which is attached to this liaison statement. The aim of these GPRS parameters is for the operator to define settings that remain consistent irrespective of the manufacturer of the terminal. They are not intended to override the parameters that an application may define, but to allow reasonable and consistent settings in the absence of an application defining its own.

The parameters are considered a rel-4 issue and may have impact on the service requirements. Therefore T3 have been approved conditionally in T3 on S1s approval.

It may also be noted that although these parameters are specifically for the GPRS operation they could also be applied in the case of the 3G packet switched domain. Therefore T3 is asking S1's guidance on whether they could also be applied in Rel-5.

The main issue with this in the meeting is that there should be some requirements in SA1 as what the changes are intended to fulfil. Moreover, it was asked if this CR has been presented to T for approval.

Mr Wolack was requested to look at both these issues and report back. Document S1-010519 was provided to explain the LS from T3. The requirement is to allow the network operator to set configuration parameters on the SIM/USIM that will be available to ME applications. The applications may do any one of the following with the stored data :

1)   ignore the data
2)   ask the user if they wish to use the data
3)   automatically use the data

SA1 has been requested that the changes are appropriate and to provide CRs to update the relevant stage 1 specifications to include a requirement to be able to perform this configuration parameter storage in the SIM/USIM.

The CRs were provided in S1-010526 and S1-010527. One issue with the CR is that the convention of double underline and strikethrough; this will have to be rectified.

There was some concern that the CRs, which are supposed to clarify the issue, do not do this. It was decided that a group should get together and discuss this. In the end, the editor withdrew both S1-010526 and S1-010527.

In the meantime, a response to T3 was provided in S1-010559. In the third paragraph, it is suggested that DTM is left out. It was decided to delete the brackets. A revision was provided in S1-010565. The LS in S1-010565 was approved.

A CR to implement this in 22.060 was provided in S1-010566. Document S1-010571 contained an equivalent CR to Rel-5. It was asked what is the Parameter DR3 : Timed detach following last data flow activity flag. It was answered that this is similar to an inactivity timer. Still more concern was expressed that there are timers already in GPRS that may do this already, and they may conflict. Moreover, there is not enough information on who can update the fields.

It was proposed to note S1-010566 and S1-010571 as draft CRs that are work in progress. It was subsequently suggested that the kind of parameters should be specified rather than list the parameters.

If someone would like to add DTM to 22.060 then a CR would be welcome.

6.2.10   ODB for Packet Services (New WI)

Document Number	Title	Source
S1-010340	Inclusion of ODB for Packet Oriented Services in ATI	Siemens AG
S1-010341	Inclusion of ODB data in ATM	Siemens AG

Both these documents were passed to the CAMEL ad hoc for discussion. See section 11.3.

6.2.11   CPHS

Document Number	Title	Source
S1-010354	Clarification of CPHS CFU Indication	Orange
S1-010408	Enhancement of CPHS Network Operator Name Feature for 3G Rel-4	T3
S1-010438	Clarification of CPHS CFU Indication	One2one

Document S1-010354 contained a CR clarify the CPHS CFU indication. It was reported that this CR is put forward to answer questions that had been asked at T plenary. However, there was some confusion as to whether this indication is given to the user or if it is from the network.

It was answered that the fields do exist in the SIM/USIM. The point is that there is nothing in this CR to indicate that the indication is actually stored in the USIM.

It was decided that this CR should be revised. A revision was provided in document S1-010438.

There was a comment that giving an indication to the user is optional, but that the provision of the ability is mandatory. The CR was agreed to be sent to SA #12 for approval.

Document S1-010408, which contained a liaison statement from T3 on Enhancement of CPHS Network Operator Name Feature for 3G Rel-4, was noted.

6.2.12   Presence Indication

Document Number	Title	Source
S1-010321	Suggested changes to 22.141 and issue of "trust"	STF 180
S1-010324	S11#12 Presence Service draft agenda	PS chairman
S1-010330	22.141 Subscription definition	Motorola
S1-010331	22.141 Editorial changes	Motorola
S1-010358	Enhancements to 22.141 for Agenda Item 6.2.12 (Presence)	Siemens
S1-010368	Further additions and improvements on 3G TS 22.141 v0.1.0 (2001-0x)	Openwave
S1-010416	Changes to Presence stage1	Nokia
S1-010422	Privacy, Trust and Availability discussion	Openwave Systems Inc.
S1-010456	Privacy, Trust and Availability discussion	Openwave Systems Inc.

All these documents were passed to the Presence ad hoc in section 11.5. (See also section 7.2 for a report of the first Presence ad hoc.)

6.2.13   Instant Messaging

Document Number	Title	Source
S1-010363	WID for Instant Messaging	Comverse

A WI description for Instant Messaging was provided in document S1-010363.

There was a question as to why this service has a separate work item and specification for instant messaging, rather than including this in the Presence TS. It was answered that there are two parts of instant messaging; presence and messaging. However, it was stated in the presence ad hoc that presence is not just to be used for instant messaging.

It was suggested that there be some discussion outside the meeting. It was decided to include in section 8 of the framework specification in S1-010451 (See section 11.2).

6.2.14   Broadcast MM

Document Number	Title	Source
S1-010312	Service Requirements for "Enhancement of Broadcast and Introduction of Multicast Capabilities"	NTT DoCoMo
S1-010386	Multicast sessions	BT
S1-010355	Proposed Work Item description sheet on "Requirements for Multicast in UTRAN"	Siemens
S1-010356	Discussion on requirements for Multicast in UTRAN	Siemens

These documents were passed to the Broadcast MM ad hoc for consideration (see section 11.7).

6.2.15   3G Vocabulary (21.905)

Document Number	Title	Source
S1-010285	LS on 3GPP Vocabulary document TR21.905	TSG RAN WG4
S1-010301	LS on 3GPP Vocabulary document TR21.905	TSG RAN WG4
S1-010366	Corrections to the vocabulary requested by RAN-4	Rapporteur
S1-010567	CR to 21.905 on Definitions in 22.101 subscription and service	One2one

	provider	
S1-010582	CR to 21.905 on Definitions in 22.101 subscription and service provider	One2one

Document S1-010285 contained a proposal for changes to 21.905. This document is the same as document S1-010301, each document coming from a different group as source.

In response to this a CR has been prepared in document S1-010366. It was agreed to be sent to SA #12 for approval with the changes that it should be category F.

A CR to 21.905 was provided in S1-010567 to put in some corrections to 21.905. It was revised to document S1-010582 to correct some typing errors and to put in a definition for MVNO. It was agreed to be sent to SA #12 for approval.

6.3 Work Items (Other Groups)

6.3.1 Location Services enhancements

Document Number	Title	Source
S1-010292	LS response on Enhancement of LCS functionality in Rel-4	TSG CN WG4
S1-010293	Response to SA1 LS (Tdoc S1-010219) on maximum number of LCS clients in the "privacy client list".	TSG CN WG4
S1-010294	LS on Maximum number of LCS Clients in LCS Rel-4	TSG CN WG4
S1-010302	LS on periodic location request	TSG-SA WG2
S1-010335	Technical issues in the reporting location information during an ongoing call	Siemens AG
S1-010336	Location information during an ongoing call	Siemens AG
S1-010360	Answer LS on Missing LCS QoS, Priority, Request type, Assistance data, Client type, Stop reporting type parameters over Iu interface RANAP 25.413.	RAN WG3
S1-010399	Missing LCS QoS, Priority, Request type, Assistance data, Client type, Stop reporting type parameters over Iu interface RANAP 25.413 (LOCATION REPORTING CONTROL and LOCATION REPORT messages).	TSG-SA WG2
S1-010439	LS on Maximum number of LCS Clients in LCS Rel-4	Lucent

Document S1-010292, which contained a liaison statement from CN4 on Enhancement of LCS functionality in Rel-4 was noted. This is correspondence between CN4 and SA2.

At the last meeting of SA1, it was decided to that there should be no upper bound to the maximum number of LCS clients in the "privacy client list". SA1's requirement that the lowest value of such upper bound is 20. This was sent to CN4 a response to which was provided in document S1-010293.

CN4 is in complete agreement with the objective of SA1 in not having a technology limitation being translated into a service requirement. However, 3GPP has already imposed such a technology limit on itself when it selected Blue Book SCCP and now White Book SCCP for the transportation of MAP and CAP messages. As previously noted, preliminary analysis has shown that the use of Blue Book results in a limit of 5 LCS "privacy clients" whereas the use of White Book results in a limit of approximately 40 "privacy clients".

While Blue Book SCCP is being used, this message length limit cannot be avoided.

Therefore, all 3GPP SCCP applications have the problem of what to do when they need to transmit a message whose size exceeds the maximum allowed by 3GPP's chosen technology. In the case of the "privacy client list", the 3GPP SCCP application will need to produce a shorter and probably incomplete list from the desired list. So CN4 is asking SA1 to defined a selection process for minimising the "privacy list".

It would appear that CN4 is indicating SA1 must fit in with the choice of the white book for early implementation. This is the way forward, but the meeting did not agree to the specification of a complex shortening algorithm. This said, another LS from CN4 was received in document S1-010294. This is a later date that S1-010293 and

changes the response of CN4 CN4, which now agrees the CR which defines 40 as the maximum number of LCS Clients.

Not knowing which liaison statement is correct and should be addressed, it was decided that someone should check this and propose a response. Mr Carpenter agreed to investigate and provide a response in document S1-010439.

It was answered that an algorithm is still expected by CN4. However, there is no support for the algorithm in SA1. The problem is solved by using the white book of SCCP and this is not a decision of SA1. The LS in S1-010439 was approved.

Document S1-010302, which contained an unintelligible liaison statement from SA2, was noted.

6.3.2 Multimedia Messaging (including SMS)

Document Number	Title	Source
S1-010283	New ECMA QSIG Standard on Short Message Service (SMS) in a Private Network (PISN)	ECMA TC32

Document S1-010283 was presented for information. It was noted.

6.3.3 Global Text telephony

Document Number	Title	Source
S1-010388	Support of the TSG SA GTT workshop results	T1P1

Document S1-010388 contained a liaison statement from T1P1 on the support of the GTT workshop results. This was noted, based on the fact that the stage 1 is going for approval in S1-010536 (see section 4.2).

6.3.4 Emergency call enhancements

Document Number	Title	Source
S1-010267	Response to S1-(01)249 "LS on IM Emergency Call without USIM"	GSM NA
S1-010268	IM Emergency Call without USIM	TSG CN Plenary
S1-010397	Response to LS on IM Emergency Call without USIM	TSG-SA WG2

Document S1-010267 contained a liaison statement from the GSM NA in which the members urge SA1 and SA2 to plan on incorporating IM Emergency Call without USIM capability in Release 5 so as to minimize delay of the release delivery. This is the case since North American regulatory requirements require compliance of emergency services, including special cases such as emergency calls without a USIM.

This was noted since it was attached to a liaison statement from SA1 to CN in document S1-010268 that was approved by SA1 via email.

It is understood that this liaison statement also answers document S1-010397 containing a liaison statement from SA2 asking for guidance. It would also appear that a new work item has been approved on this subject.

6.3.5 CS multimedia services

6.3.6 UMTS/GSM ANSI-41 inter-standard roaming

6.3.7 Support of Push Services

Document Number	Title	Source
S1-010364	Stage 1 Push Service	Ericsson
S1-010380	Support of push services–Terminal aspects (push user agent)	Comverse

Both documents were referred to the PUSH ad hoc.

6.3.9 Miscellaneous

Document Number	Title	Source
S1-010281	Enhance ATI operation	CWTS/Huawei Technologies Co., Ltd
S1-010343	UE Functionality Split	Nortel Networks, Xircom, Sierra Wireless
S1-010400	UE functionality split over physical devices	TSG-SA3
S1-010410	Response to LS (T2-000793) on discussion document on UE functionality split over physical devices	T3

Document S1-010281 was referred to the CAMEL ad hoc.

Document S1-010343 and S1-010400 were referred to the UE Functionality Split ad hoc.

6.3.10 Mobile Device Management

Document Number	Title	Source
S1-010345	Exploratory LS Concerning Mobile Device Management	WAP Forum
S1-010440	LS Concerning Mobile Device Management	Motorola

Document S1-010345 contained a liaison statement concerning Mobile Device Management.

After some discussion it was agreed that there was general interest in progressing this area. A liaison statement to T2 and SA5 was therefore produced in document S1-010440 asking SA5 to respond on our behalf. The liaison statement was approved.

6.3.11 Pre-paid

Document Number	Title	Source
S1-010347	Prepaid Online Charging	22.115 Rapporteur
S1-010348	Introduction of online charging for prepaid services	22.115 Rapporteur
S1-010546	WI for Rel-5 on Prepay real-time charging in the IM subsystem	Ericsson
S1-010555	Introduction of online charging for prepaid services	22.115 Rapporteur
S1-010556	WI for Rel-5 on Prepay real-time charging in the IM subsystem	Ericsson
S1-010572	Introduction of online charging for prepaid services	22.115 Rapporteur

Document S1-010347 contained a discussion document on prepaid for online charging. It is stated in this document that the work item was approved, but it was clarified in SA1 that this was not approved, but rather was referred to SA1 for a requirement. SA1 did not have a problem with the work, but suggested that the WI should be based on a requirement and this needs to be defined.

It was noted that there is a CR to 22.115 in document S1-010348 to introduce the requirement of prepaid, but there was some concern over the what this CR is trying to achieve. It was decided to return to this in closing plenary, however work item was NOT agreed in SA11. A new WI should be introduced into SA1.

A revision of S1-010348 was provided in document S1-010555. There was some concern over this particularly in sections 7 and 5.2.6 (what does immediately mean?). This is a complex issue and some thought needs to be put into it before a concerted effort is expended.

A WID on this was provided in S1-010546. This was subsequently revised to S1-010556. It was agreed and will be sent to SA #12 for approval. The CR in S1-010572 relates to this and is the first step. So, despite the WI not being directly in line with the CR, it was decided to ask SA #12 to approve the WI prior to approving the CR.

6.3.12 Streaming

Document Number	Title	Source
S1-010367	Proposed new SA4 work item on Extended Streaming Service	SA4 Chairman (Nokia)
S1-010369	first draft of the stage 1 document for the streaming service	Ericsson

The above documents were referred to the Streaming ad hoc (see section 11.6).

6.4 Inputs with no Work Item

6.4.1 UE in idle mode Network selection

Document Number	Title	Source
S1-010291	Response LS on Periodic Network selection attempt	TSG CN WG1
S1-010332	Partial Roaming Background Discussion	Hutchison3g
S1-010333	CR to 22.011 v3.4.0 for Partial Roaming	Hutchison3g
S1-010334	CR to 22.011 v4.3.0 for Partial Roaming	Hutchison3g
S1-010350	Background scan of HPLMN + priority PLMNs	Nokia
S1-010353	Inter PLMN handover	Nokia
S1-010362	Draft Liaison statement on Partial Roaming	Hutchison3g
S1-010384	3GPP TSG SA Workshop on UE in idle mode	
S1-010418	Background Scanning for PLMNs	Motorola

Document S1-010384, containing a report on the 3GPP TSG SA Workshop on UE in idle mode was provided for background information. It was noted.

The rest of the above documents were forwarded to the Network Selection ad hoc (see section 11.9).

7 Review of Ad hoc work since Cape Town

7.1 IMS

Document Number	Title	Source
S1-010411	Report of the IMS ad hoc #10	IMS ad hoc
S1-010412	Presentation of report from IMS ad hoc #10	IMS ad hoc
S1-010413	CR 22.228 - Capability of the IM CN Subsystem to present the identity of connected-to party	IMS ad hoc
S1-010414	22.928 IP Multimedia Service Examples	IMS ad hoc

Document S1-010412 contained a presentation of the report from IMS ad hoc #10 which was contained in S1-010411. The IMS has looked at a number of issues resulting a CR and a new TR on service examples. Specifically:

• Service Examples
Based on the liaison statement from Tempe and the information in the Telia documents and Ericsson examples, it was decided to draft a TR on services examples. The annex in 22.228 will be removed in due course once the TR is stable. The first draft is in document S1-010414. SA1 needs to decide if there is reason to keep 22.928 (IP Based Multimedia Services Framework) and 22.941 (Services examples) separate or if they should be combined.

• Redirect

Current requirements at 22.228 need to be clarified, specifically redirect criteria's need further study

- Charging

Little input has been received by the IMS ad hoc. It was decided in the ad hoc to continue to collect charging requirements to 22.115.

The CR on "Presentation of identity of connected-to party of a session" was provided in S1-010413. It was commented that the WI code is missing.

It was noted that in the CS system, if the called user needs to restrict the identity, there could be an override. The CR does not provide for this. It was questioned if this is deliberately misaligned with the CS requirements. It was answered that this document does not go into the same depth of specification based on the need to define tools and not services themselves.

Of note was the question if regulatory requirements need to be included as requirements. There is a fine line between providing the regulatory requirements and defining the service. It was suggested that SA1 should stay away from regulatory requirements as they will vary regionally.

This CR does imply the default situation that the identity is shown, but does not provide the same provisions for a default to restrict the identity.

It was decided to pass this to the IMS ad hoc.

Document S1-010414 was also noted. Since there was some confusion on the role of the service examples TR in S1-010414 and a proposal for a Services Framework TR. It was decided to refer this to the IMS ad hoc.

See section 11.2.

7.2   Presence

Document Number	Title	Source
S1-010322	S11#12 opening plenary Presence report	PS chairman
S1-010323	Minutes of Presence Service meeting 18th-19th April, 2000	MCC
S1-010325	Presence Service Stage 1 (TS 22.141v010)	MCC
S1-010326	Presence Service work plan	PS chairman
S1-010327	RFC 2778	IETF
S1-010328	RFC 2779	IETF
S1-010329	A Common Profile for Instant Messaging (CPIM)	IETF

Document S1-010322 contained a presentation on the first Presence ad hoc. In TSG-SA#11: 19th-22nd March, 2001 the Presence Service WID approved. The first meeting of TSG-SA1 Presence Service meeting was held on 18th-19th April, 2001 hosted by AWS in Seattle, Washington, USA. It was well attended by over 30 delegates and 45 documents. There was strong support for Presence Service meeting, which generated 22.141 v0.1.0 (Presence Service Stage 1).

The Report of Presence Service meeting #1 was provided in document S1-010323 and the first version of 3G TS 22.141 version 0.1.0 was provided in S1-010325.

The following documents were provided from the first IMS ad hoc and were directed to the Presence ad hoc (see also section 6.2.12).

Document Number	Title	Source
S1-010324	S11#12 Presence Service draft agenda	PS chairman
S1-010325	Presence Service Stage 1 (TS 22.141v010)	MCC
S1-010326	Presence Service work plan	PS chairman
S1-010327	RFC 2778	IETF

S1-010328	RFC 2779	IETF
S1-010329	A Common Profile for Instant Messaging (CPIM)	IETF
S1-010358	Enhancements to 22.141 for Agenda Item 6.2.12 (Presence)	Siemens
S1-010368	Further additions and improvements on 3G TS 22.141 v0.1.0 (2001-0x)	Openwave
S1-010416	Changes to Presence stage1	Nokia

See section 11.5.

7.3   VHE

Document Number	Title	Source
S1-010370	Update to 136 presentation to S1	VHE ad hoc
S1-010371	Updated Tempe meeting report. Update of 119	VHE ad hoc
S1-010372	Rel-5 update from Tempe	VHE ad hoc
S1-010373	Update to 137 Sophia Antipolis meeting report	VHE ad hoc
S1-010374	Proposed draft 0.5 of TS 22.121 from Sophia Antipolis	VHE ad hoc
S1-010375	Modified proposed reply LS on Terminal Capabilities	VHE ad hoc
S1-010376	LS to S5 on service provisioning	VHE ad hoc
S1-010377	Changes to TS 22.121 Release 5 to update Release 5 TS	VHE ad hoc
S1-010539	Modified proposed reply LS on Terminal Capabilities	Siemens

Document S1-010370 contained a presentation on the status of the VHE work. The VHE has met twice since the last meeting at Cape Town:

- The first was a one-day meeting in Tempe Phoenix hosted by Motorola on the 5th of March 2001. 10 delegates attended the meeting.

  - The main discussion of the meeting was to address and make progress on the Rel-5 document, the service provisioning issue and terminal capability issues.

- The second meeting was hosted by ETSI in Sophia on the 2nd to 3rd of May. 8 delegates attended the meeting.

Jumoke Ogunbekun chaired both the meetings

About 10 input contributions were taken during the meeting related to:

- Terminal Capabilities Discussion
  The result of the discussion was to generate LS back to T2. The main view was that all future terminals should be mandated to be capable to supply terminal capability information either spontaneously or on demand from the network.

- Service Provisioning.
  A discussion document will be generated to capture all the views on service provisioning. This discussion document will result to generation of CR to the appropriate documents.

- TS 22.121 Rel-5.
  Relevant changes were made to TS based on comments from S2.
  Clarification was made to User Profile session based on Siemens contribution
  Contribution from BT on local services sparked discussion as to whether local services should be present both in the home environment and visited environment. This led to a majority but not an overall consensus of local service definition.

The main discussion of the meeting was to finalise the Rel-5 document for S1 approval and also to discuss issues on service provisioning. Release 5 TS has been completed and a CR has been issued for S1 approval.

The VHE group decided based on the progress of Rel-5 work to tentatively cancel the next VHE adhoc scheduled for 5th to 6th June in Sophia Antipolis. This meeting will only be held if there is a major change required to the CR for Rel-5 approval before the SA plenary. Also the group is proposing to dissolve following completion of Rel-5.

The report indicates that the concept definition of service provisioning is not clear (uncertain) this topic is broader than initially envisage. To adequately cover the subject the following has been suggested :

- VHE group not address service provisioning
- IMS group to incorporate service provisioning in IMS TR following LS reply from S5. Subsequently identify service provisioning requirement in 22 series
- Guidance is requested from SA1

The group has elaborated a reply LS on Proposed Reply to LS on Terminal Capabilities to TSG T2 and TSG-S2, (S1-010375), a LS to S5 on scope of service provisioning (S1-010376) and a CR to Rel-5 for approval (S1-010377).

The chairman of VHE gave a big thank you to all who have persevered to complete Rel-5 TS.

The report was noted.

There was an issue on slide 5 on service provisioning. In it, there is a proposal that Service provisioning should be dealt with by the IMS group. It was requested by the IMS chairman if, with this, the group is happy that only the IMS service provision would be addressed. It was answered that the service examples document should cover both IMS and CS work. The chairman of the IMS accepted that the work would continue in the IMS group with IMS as a priority, but looking at CS and PS work as necessary.

This was agreed.

The proposed liaison statement on Terminal Capabilities was provided in S1-010375. This is a response to a LS received from T2 in Capetown and which was passed to the VHE group to respond. Discussion led to the view that unless a terminal was able to deliver terminal capabilities (and any changes to the terminal capabilities either spontaneously or on demand), that network exploitation of terminal capabilities would not be possible. For the reasons indicated above it was felt that:-

- All future terminals should be mandated to be capable to supply terminal capability information either spontaneously or on demand from the network.

- This terminal capability information could also be supported in a much more flexible manner. For example, intelligent devices (e.g. MExE devices) could send additional terminal capabilities, and basic devices could support a minimal set of terminal capability notifications.

It was commented that it is mandated that a terminal should be capable to supply terminal capability information either spontaneously or on demand from the network. However, it was questioned if this should be relaxed for a number of reasons, not least because of the existing provisions. It was replied that there should not be an issue of backwards compatibility, but this mandate applies to future terminals.

Another point was the issue of what a terminal is; does it include potential plug-ins such as PDAs? Also, there was some concern as to what the use of this feature is. If it is used as part of a session set-up then negotiation is appropriate. If it is meant to be stored somewhere, then what is the use if the user can change the configuration of her "terminal" at will?

It was decided to discuss this within the group an potentially come back with a response. An update to the liaison statement was provided in S1-010539. It was approved and will be sent to SA plenary also.

Document S1-010376 approved.

Document S1-010374 contained a version of 22.121 with all the changes made for Rel-5, and from it, a CR to 22.121 was provided in document S1-010377.

It was commented that in R99, VHE was implemented with existing toolkits, however, for Release 5 there are new requirements for VHE. It was asked if these new requirements are being progressed outside the VHE ad hoc. It was answered that there should be no new requirements on the toolkits except perhaps for User Profile. The point was made that User Profile was originally meant to be in earlier releases and was move to later releases. It is possible that it could move out of Release 5 also and it should be made clear to the other groups to make sure it stays in Release 5.

This is something that needs to be addressed later in the meeting.

In the meantime, S1-010377 was agreed to be sent to SA #12 for approval.

7.4   CAMEL

All inputs related to CAMEL were dealt with in the last minute CAMEL ad hoc. See section 11.3.

7.5   OSA

Document Number	Title	Source
S1-010319	Report of OSA progress	Siemens
S1-010389	Draft Meeting Report of SA1 adhoc on Open Service Access #5	Ad Hoc
S1-010390	Proposed modification to 3GPP work plan	Ad Hoc
S1-010391	Terminal capabilities	Ad Hoc
S1-010392	Introduction of OSA support to enable Policy Management	Ad Hoc
S1-010393	De-Registration Function	Ad Hoc

Document S1-010319 contained a presentation of the OSA progress. It was based on the report in document S1-010389 and . Both documents were noted.

On the future meetings, it was stated by the chairman that he did not expect any input directly to plenary from the next OSA meeting. It was agreed that there will be no email approval after OSA meeting and no OSA documents direct to plenary.

Document S1-010390 contained a revised workplan for OSA. It was approved and will be forwarded to the Project Plan of MCC.

Document S1-010391 contained a CR to 22.127 on terminal capabilities.

It was asked what the definition of mobile equipment is. The answer was that it was a piece of equipment required to access the radio network and does not include the SIM or and plug in devices. This caused quite a bit of debate and so it was decided that this document should be taken in the closing plenary.

After some off-line discussion, it was agreed to send the CR in S1-010391 to SA #12 for approval.

Document S1-010392 contained a CR for release 5 to 22.127 on the introduction of OSA support to enable Policy Management. It was agreed to be sent to SA #12 for approval.

Document S1-010393 contained a CR for release 5 to 22.127 on the De-Registration Function. It was agreed to be sent to SA #12 for approval.

8   Late documents

A number of documents were received late. Unless dealt with in this section, the documents were passed to the appropriate ad hoc and/or dealt with under another agenda item. The chairman indicated that for future meetings, a deadline will be set prior to the meeting for contributions to be dealt with in that meeting. This is to allow sufficient time for delegates to read documents prior to the meeting and prepare company positions to bring to the meeting. Once this is done, late documents on new topics will dealt with only if there is time in the meeting so to do.

Document	Title	Source

Number		
S1-010416	Changes to Presence stage1	Nokia
S1-010423	Request for clarification on the fax service in UMTS R99	One 2 One
S1-010424	Discussion on 3G TS 22.140 V4.1.0	SONY
S1-010425	Enhancements to 22.141 (Presence)	Comverse
S1-010426	Roaming restrictions based on allowed service	Alcatel
S1-010427	Roaming restrictions based on allowed service	Alcatel
S1-010428	Roaming restrictions based on allowed service	Alcatel
S1-010429	Service capability features in the IMS Subsystem	Alcatel
S1-010430	Not covered roaming situations	France Telecom
S1-010431	Selective roaming 2G-3G	France Telecom
S1-010432	Equivalent PLMNs and Network Selection	France Telecom
S1-010433	Equivalent PLMNs and Network Selection	France Telecom
S1-010434	GTP Security Issue	France Telecom
S1-010435	User Profiles	Ericsson LM
S1-010561	Request for clarification on the fax service in UMTS R99	One 2 One
S1-010562	Removal of Voice Group Service	Lucent
S1-010563	Removal of Voice Group Service	Lucent
S1-010564	Discussion on 3G TS 22.140 V4.1.0	SONY
S1-010570	LS regarding User Profile	Ericsson
S1-010583	Discussion on 3G TS 22.140 V4.1.0	SONY
S1-010590	Removal of Voice Group Service	Lucent
S1-010591	LS regarding User Profile	Ericsson

Document S1-010434 contained a discussion document on GTP security for the authentication between the SGSN and GGSN when roaming in R5 specifications (see TS 33.200). Internally in one PLMN, the SGSN and GGSN authenticate themselves directly and there is no security issue. But, when roaming, the specifications recommend that the authentication is done indirectly through the BG (Border Gateway), i.e. the SGSN authenticates to BG(1), BG(1) authenticates to BG(2), etc. to BG(n), BG(n) authenticates to GGSN.

It was questioned why this is an SA1 issue and why not provide this directly to SA3. There is no impact to SA1 regarding this and so it was suggested for this to be sent to SA3 by the source. This was agreed.

Document S1-010423 contained a request for clarification on the fax service in UMTS R99. It would appear that although the service requirements for the provisioning of facsimile are indeed part of the R99 specifications, there is no technical realisation for this service in UMTS. It is then recommended to remove section 6.2 from the TS 22.100 for R99. The resultant CR was provided in document S1-010561. It was agreed to send this to SA #12 for approval.

It was also agreed to remove Voice Group Service from 22.003. The CR for R99 was provided in document S1-010562 and for Rel-4 in S1-010563. There was a problem with S1-010562 (I will not tell you what the editor said of his own CR) and it was provided later in S1-010590.

It was commented that in an earlier SA meeting the chairman of SA asked why these types of services are not for 3G. It was answered that it was decided at the time of the transfer of the specifications that these services will not be a part of 3G and is only applicable to GERAN. This has been documented in 22.105 for some time.

It was agreed to provide S1-010563 and S1-010590 to SA #12 for approval.

Document S1-010424 contained a discussion document on the Multimedia Messaging Service, MMS. A number of proposed changes have been identified. It was suggested that a CR is produced to 22.140 be produced. This was provided in document S1-010564.

There was a comment that in section 6 there is a change indicating that the original text limited the configuration of the user profile to the user, whereas the new text allows anyone to configure this. It was decided that the new text should apply.

There was a problem with the change in section 11 also. It implies that roaming occurs between the network operators and 3rd parties. This is not correct, although the sense was supported. This was deleted. The revised version was provided in S1-010583.

It was decided to send the CR in S1-010583 to T2 for them to agree to it; if T2 indicate this is ok, it will be passed to the SA1 list for email approval.

Document S1-010435 contained a discussion document on User Profiles. The proposal is to create an SA1 Ad Hoc activity to address the User Profile Description Method, in co-operation with 3GPP T2 for their expertise in services and applications as well as in MExE and SyncML.

The following Terms of Reference are proposed:
?? Define the User Profile Description Method (e.g. concept and language)
?? Define the categorisation of User Profile components and identify the most appropriate 3GPP WG to define these User Profile components
?? Open participation of members of other relevant forums that have activities in the area of User Profiles

This was supported by several delegates and so it was suggested that a group get together to provide some further input and perhaps to discuss a way forward and some dates.

A revision of S1-010435 was provided in S1-010570. There are blanks in the liaison statement for the dates and host and it was commented that it the liaison statement should be sent to SA4 also. The revision was provided in document S1-010591. The liaison statement was approved.

9 Review of Work Items without input documents

Document Number	Title	Source
S1-010282	Deletion of WIs with impact on other TSGs	TSG CN Plenary
S1-010298	Deletion of WIs with impact on other TSGs	TSG CN Plenary
S1-010351	CS Multimedia fallback to speech	Nokia
S1-010352	CS Multimedia fallback to speech	Nokia

Document S1-010282 contained a liaison statement on the deletion of WIs and their inpact on other groups. Rapporteurs were requested to check this document and report and consequential changes. This was done and two CRs were provided.

Documents S1-010351 and S1-010352 contained CRs to 22.101 to remove the CS multimedia fallback. It was agreed to send these CRs to SA1 for approval.

10 Administration

Document Number	Title	Source
S1-010318	"Rapporteurship of 22.038"	Motorola

Document S1-010318 contained an input to indicate that Mr Bill Robinson is no longer able to retain rapporteurship of 22.038. The chairman asked for volunteers to assume rapporteurship. Mr Paul Carpenter volunteered.

10.1 Election of SA1 Vice Chairman

As previously announced at the last meeting, the term of Mr Tommi Kokkola as vice chairman has expired. Mr Kokkola expressed the desire to continue in this role and a letter of support from his company (Nokia) was published on the 3GPP web site. No other candidacies were received up to the start of the meeting and so the

chairman asked if anyone else was willing to stand. There being no other candidates, Mr Tommi Kokkola was elected by acclimation. The meeting congratulated him.

10.2   Management of meeting

It was noted that some changes in the way the meeting works have been applied. One element was the making of minor changes to CRs on line and not issuing a new document. It was stated that it is possible to have r1 on the filename, but this was not agreed, and instead it was agreed that a new document should be issued.

Another comment was that there should not be r1, r2, etc. as there is no way of telling what the final version is. If the change is substantive then a new document number should be issued. If it's minor (spelling, etc.) then MCC should make the change to the document and everyone should take the final version off of the server at the end of the meeting.

It was agreed to continue with the normal SA1 procedures and to issue new numbers for each new revision.

Another element is the breaking of the group up into ad hocs. The chairman asked what the view of the meeting was on this method of working. There were only positive comments to this way of working and so it was decided that this should continue.

The chairman acknowledged that a process of change has been initiated, but that this is an interactive process and he welcomed comments and suggestions.

11   Report back from adhocs

11.1   Postponed documents

All postponed documents were dealt with under the appropriate agenda item.

11.2   IMS ad hoc

The report of the IMS ad hoc was provided in document S1-010450. A summary was:

Tdoc	Subject	Source	Result
S1-010288	List of actions for SA1 from SA #11 in Palm Springs	Team SA1	Following action points were considered: 3) Closed, Work is progressing with this issues within 22.941 10) Closed, 22.228 provides all requirements foreseen today. 16) Closed, Work is progressing with this issues within 22.941 21) Closed, 22.101 provides already requirements for emergency calls with or without USIM
S1-010290	LS on "IM CN Subsystem Roaming"	CN1	Noted. Reply in S1-010454.
S1-010295	Reply to LS on "Control of IP multimedia services" (NJ-010107)	CN5	Noted.
S1-010303	TS 23.221	SA2?	Noted (see S1-010395). Relevant CRs at S1-010504 and S1-010504.
S1-010304	Proposed LS on voice bearer interworking	SA2 / Lucent	Noted, Reply at S1-010448
S1-010305	Proposed Reply LS on "Proposal not to use the IMSI as the identity of an IM subscriber "	SA2	Noted.
S1-010370	VHE Status report	Ad hoc chair	Noted. Delegates were invited to bring contributes related to IMS service provisioning to IMS ad hoc. Issue is being dealt with 22.941.
S1-010382	CR to 22.115 Charging And Billing for IM session aspects	BT	Noted. It was agreed to send LS related to this issue, see S1-010452.
S1-010383	22.928, 0.2.0 IP-based multimedia services examples;	Ericsson, Rogers wireless	Noted. Agreed to be combined to 22.041.

S1-010385	CR to 22.228 Redirection of IP Multimedia Sessions	BT	Noted. Revised at S1-010453.
S1-010387	Action points for SA1 from Services deployment workshop	UMTS Forum	Noted, Delegates were invited to study the proposal and come beck with contributions with any points triggered by the contribution. Specifically, it was mentioned that the 22.941 includes the privacy and security aspects currently.
S1-010394	Removal of Visited Control S-CSCF option from the Rel 5 architecture	SA2	Noted.
S1-010398	Liaison Statement on IMS Service Provision	SA2	Noted.
S1-010404	IM subsystem tones and announcements	SA2	Noted. Reply at S1-010449.
S1-010413	"Presentation of identity of connected-to party of a session" to TS 22.228	Ad hoc	Noted. Revision at S1-010455.
S1-010414	22.928, 0.1.0 IP-based multimedia services examples;	Ericsson, Rogers wireless	Noted. See S1-010383.
S1-010420	IP Based MultiMedia Services Framework Specification Proposal	SBC	Noted.
S1-010421	22.941, IP Based MultiMedia Services Framework Specification	SBC	Noted. See S1-010499.
S1-010429	Service Capability Features in the IM Subsystem	Alcatel	Noted.
S1-010441	IMS Basic Service & Capability Examples	BT	Noted. To be included and revised at 22.041.
S1-010446	Agenda	Chair	Agreed.
S1-010447	Local services	Nokia	Noted. It was agreed that there is need to support local services. The issue will be further studied within 22.941.
S1-010448	Reply to 304, LS on voice bearer interworking	AWS / ad hoc group	Noted, revised at S1-010529.
S1-010449	Reply to 404 "LS IM subsystem tones and announcements"	Nokia / ad hoc group	Noted, revised at S1-010533.
S1-010450	Minutes	Chair	This document.
S1-010451	TR 22.941 IP based multimedia service framework v. 0.2.1	IMS ad hoc group (SBC)	**Directly to SA1,** not seen by ad hoc.
S1-010452	LS reply on (IP multimedia charging principles) reply to 382	BT/ad hoc group	Noted, revised at S1-010534.
S1-010453	CR to 22.228 on redirect (rev of 385)	BT	**Directly to SA1,** not seen by ad hoc.
S1-010454	Reply to LS at S1-010290 on Roaming.	BT	Noted. Further contributions expected.
S1-010455	Revision of S1-010413.	Siemens	**Agreed, to be present to SA1.**
S1-010499	TR 22.941 IP based multimedia service framework v. 0.2.0	SBC	Noted. See S1-010451.
S1-010504	CR to 22.101 Rel 4	Vodafone	**Directly to SA1,** not seen by ad hoc.
S1-010505	CR to 22.101 Rel 5	Vodafone	**Directly to SA1,** not seen by ad hoc.
S1-010529	Revised S1-010448.	AWS / ad hoc group	**Directly to SA1,** not seen by ad hoc.
S1-010533	Revised S1-010449.	Nokia / ad hoc group	**Directly to SA1,** not seen by ad hoc.
S1-010534	Revised S1-010452.	BT / ad hoc group	**Directly to SA1,** not seen by ad hoc.

Document Number	Title	Source
S1-010548	Minutes	Chair
S1-010569	Reply to LS at S1-010290 on Roaming.	Motorola
S1-010584	IP multi-media charging principle	SA1

A revision of the report was provided in document S1-010548. It was approved and will be put into the report of this meeting (see annexes).

There was a proposal for a meeting at the end of June. Some doubt was expressed about co-locating this with Presence, but it was support by the meeting that co-location should occur. In the meantime, it was decided to have a face-to-fact meeting at end of June, and delegates should put there comments to Randolph in time to have the Framework specification ready and available a week before this meeting.

Document S1-010383 was taken with S1-010421 and combined to provide S1-010499. This was put into the drafting ad hoc as 22.941. This was taken with S1-010441 and additional comments to provide S1-010451 version 0.2.0. It is intended to be further commented-on via email to produce a version to go into the meeting at the end of June.

It was commented that some consistency is required on the fact that this is a report and not a specification. It was suggested that it could be framework report or framework document.

Another question, mentioned earlier, was if this covers CS and PS services as well as IP. There was some support for this. Nonetheless, in the scope it is stated " Consideration of CS domain based services is not within the scope of this specification. Interworking between CS and PS based services is within the scope of this specification."

On the basis of S1-010351 it was proposed to put the issue of Instant Messaging in the Framework Specification. This was agreed and Comverse were asked to provide this (see section 6.2.13).

Document S1-010451 was noted. Comments are welcome to Randolph Wohlert. Any actions agreed to in the ad hoc need to be corrected by the end of May.

Document S1-010453 contained a CR to 22.228 on redirect. It was agreed to be sent to SA #12 for approval.

Document S1-010455 contained a CR on "Presentation of identity of connected-to party of a session" to TS 22.228. It was agreed to be sent to SA #12 for approval.

Document S1-010529 contained a proposed liaison statement on Voice Bearer Interworking as a response to the liaison statement from SA2 in document S1-010304. The liaison statement was approved. Furthermore, it was noted that the requirements should be put into a specification. Contributions were invited for the next meeting.

A reply to S1-010404 on "LS IM subsystem tones and announcements" was provided in S1-010533. The liaison statement was approved. Contributions on the subject are welcome at the next meeting.

Document S1-010534 contained a reply to reply to S1-010382 on IP multimedia charging principles. It was revised to S1-010584 which was approved.

The chairman of the IMS ad hoc thanked all who had attended and helped in the ad hoc meeting quite-a-much. The revision of S1-010450 was provided in S1-010548.

Document S1-010504 and S1-010505, containing CRs to 22.101 Rel-4 and Rel-5, were presented in response to a liaison statement from SA2 in S1-010303. Document S1-010505 was changed to category A. With this, it was agreed to send both CRs to SA #12 for approval.

A response to S1-010290 was provided in S1-010454 was revised to S1-010569. It was approved with the addition of IREG in the copy list.

11.3   CAMEL ad hoc

The following documents were dealt with in the CAMEL ad hoc. The report was provided in document S1-010462.

Document Number	Title	Source
S1-010306	CR 22.078-xxx on "Clarification on creating a new call"	Vodafone

	CAMEL4, REL-5, Category F, version 5.2.0)	
S1-010307	CR 22.078-xxx on "Clarification of CPH requirements" (CAMEL4, REL-5, Category F, version 5.2.0)	Vodafone
S1-010308	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, R99, Category F, version 3.7.0)	Vodafone
S1-010309	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-4, Category A, version 4.1.0)	Vodafone
S1-010310	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-5, Category A, version 5.2.0)	Vodafone
S1-010313	"Clarification of PDP context QoS change notification to the CSE" (CR 101)	Lucent
S1-010314	"Clarification of PDP context QoS change notification to the CSE" (CR 102)	Lucent
S1-010315	"Clarification of PDP context QoS change notification to the CSE" (CR 103)	Lucent
S1-010280	GPRS LOCATION AND STATE QUERY (22.078)	CWTS/Huawei Technologies Co., Ltd
S1-010281	Enhance ATI operation	CWTS/Huawei Technologies Co., Ltd
S1-010335	Technical issues in the reporting location information during an ongoing call	Siemens AG
S1-010336	Location information during an ongoing call	Siemens AG
S1-010337	Alignment with the current stage 2 GPRS change of location	Siemens AG
S1-010338	Alignment with the current stage 2 GPRS change of location	Siemens AG
S1-010339	Alignment with the current stage 2 GPRS change of location	Siemens AG
S1-010340	Inclusion of ODB for Packet Oriented Services in ATI	Siemens AG
S1-010341	Inclusion of ODB data in ATM	Siemens AG
S1-010342	Introduction of the new CSI for the mobility management for the GPRS subscriber	Siemens AG
S1-010365	Introduction of charging requirements for CPH into 22.078	Alcatel
S1-010460	Clarification of PDP context QoS change notification to the CSE (CAMEL3)	Lucent Technologies
S1-010461	Clarification of PDP context QoS change notification to the CSE (CAMEL3)	Lucent Technologies
S1-010462	Meeting Report of SA1 CAMEL Ad Hoc 8th May 2001	Rapporteur 22.078
S1-010463	Clarification of CPH requirements (CAMEL4)	Vodafone Group Plc
S1-010464	Location information during an ongoing call (CAMEL4)	Siemens AG
S1-010465	Introduction of charging requirements for CPH into 22.078 (CAMEL4)	AlcatelWithdrawn
S1-010466	Enhance ATI operation (CAMEL4) - GPRS Location	Huawei Technologies
S1-010467	Enhance ATI operation (CAMEL4) - PDP Context information	Huawei Technologies
S1-010468	Proposed LS to CN2 on CPH charging requirements	Alcatel/Ad HocWithdrawn
S1-010469	Proposed LS to CN2 on CPH charging requirements	Alcatel/Ad Hoc

Document S1-010306 contained a CR to 22.078. This will be sent to SA #12 for approval.

Document S1-010308 contained a CR to 22.078 with corresponding CRs to Rel-4 and Rel-5 in S1-010309 and S1-010310. It was questioned as to why this change has been taken back to R99. It was answered that there is a change to stage 2 and 3 back to R99. A paragraph will be added to explain this and a revision was provided in document S1-010543.

Document S1-010341contained a CR to 22.078 on Inclusion of ODB data in ATM.

There was a sustained objection to the CR from Alcatel. It was agreed to send this to SA #12 for approval and if Alcatel wished to bring up any objections, then these should be directed to Plenary.

S1-010542 was agreed to be sent to SA #12 for approval.

S1-010464 was agreed to be sent to SA #12 for approval.

S1-010460 contained a CR to 22.078 on Clarification of PDP context QoS change notification to the CSE (CAMEL3). It was agreed to be sent to SA #12 for approval together with S1-010461. There is not Rel-5 for this as it is believed that there is time to have the requirement for Rel-5.

Document S1-010466 contained a CR to 22.078 on location information. It was agreed to be sent to SA #12 for approval.

S1-010469 contained a liaison statement to CN2. The CR was not seen by the ad hoc, although there was an agreement to have one based on a discussion in the ad hoc on charging. (see docs from report e.g. S1-010465). SA1 is asking TSG CN WG2 to recognise the charging requirements for CPH are still under discussion.

Documents S1-010280 was taken in conjunction with S1-010467 on the subject of GPRS Location and State Query (22.078). This was discussed in the ad hoc meeting, but it was noted that there should be a wider discussion as it may impact on Presence and IMS. There was some concern that the progress of Presence is not far enough advanced for this CR to be approved. Based on this, S1-010467 was noted as a potentially useful change, but that it will not be approved at this time.

Document S1-010463 contained a CR to 22.078 on Clarification of CPH requirements. Call Party Handling procedures should only apply to circuit switched voice calls and this CR clarifies this. It was agreed to be sent to SA #12 for approval.

There will be a CAMEL ad hoc in the week of 25th June. It will cover IMS requirements with a bit of CPH requirements.

Document S1-010462 contains the status of all the documents that were sent to the ad hoc for discussion. Document S1-010462 was approved.

11.4   UE Functionality Split

Document S1-010470 contained the report of the UE Functionality Split ad hoc.

The documents dealt with were:

Document Number	Title	Source
S1-010343	UE Functionality Split	Nortel Networks, Xircom, Sierra Wireless
S1-010400	UE functionality split over physical devices	TSG-SA3
S1-010410	Response to LS (T2-000793) on discussion document on UE functionality split over physical devices	T3
S1-010470	Report of UE Functionality Split Adhoc	UE ad hoc
S1-010471	Draft Liaison Statement on UE Functionality Split	UE ad hoc

S1-010520	Draft TR on Requirements for UE Funtionality Split	Nortel Networks
S1-010551	Draft Liaison Statement on UE Functionality Split	Nortel Network
S1-010575	Draft Liaison Statement on UE Functionality Split	Nortel Network

Document S1 010400 (LS from SA3) was noted.

In document S1 010410 (LS from T3) four cases were presented for UE Functionality Split. There was some support for the diagram in "case 1". Apart from this case the delegates didn't feel the four cases shown were the most useful.

In a discussion it was recognised that there were two high level scenarios: cases with one active subscription, or cases with more than one active subscription. It was agreed that S1 should start with case of 1 active subscription.

Document S1 010343 (Input from Nortel, Xircom and Sierra Wireless) raised the question: Is it the "driver and card" that needs to be seen as 3GPP or just the card? The requirement is for applications to be developed by third-parties and use any UMTS card.

The following points from the proposal in S1 010343 were discussed
1) Is agreed
2) Is agreed but "connected to" and "basic UMTS protocols" are ambiguous and have to be defined in detail.
3) Is agreed, but applications other than IMS clients also need to be considered.
4, 5) Is agreed.

It proposed to send a liaison reflecting these decisions. A draft that was reviewed and agreed by the ad-hoc is in S1-010471.

From a WI item perspective, it is proposed to handle UE split under the following existing work item and line items:
Provisioning of IP-based Multimedia Services/
Call Control and Roaming to Support IP based services in UMTS/
Multimedia capabilities/
Terminal Capabilities and interactions on running multimedia from an external terminal.

It was agreed to create a new technical report on requirements for UE functionality split. Once it is stable the contents of this report may be moved in to other documents (e.g. 22.228).

Nortel Networks will try and produce a first draft of the report for the SA1 plenary. SA1 will aim to have a stable requirements document by the September TSGs. The release 5 architecture should be designed in such a way as to enable support the required scenarios even though all interfaces may not be standardised in release 5.

The SA1 plenary is asked to consider whether an UE-split ad-hoc meeting should before the next SA 1 plenary. This will require a host.

Nominations for rapporteur of the new specification are invited.

The report was approved and can be found in the annex of this report.

On the subject of the rapporteur, it was reported that a volunteer has been received. He is Mr Gupta from Motorola.

A comment was received that if an ad hoc is called, it should be co-located with the IMS ad hoc. This was agreed.

Document S1-010471 contained the liaison statement reflecting the decisions of SA1.

It was commented that in several places the term UMTS is used. It was asked if this was meant to be the case. Better would be 3GPP rather than UMTS. It was decided that Mr Sharp should fiddle and provide a revision. This

revision was provided in document S1-010551. After some more fiddling it was presented as S1-010575. The liaison statement was approved.

A draft of the technical report was provided in document S1-010520. This was note seen by the ad hoc, although the ad hoc chairman has tried to keep to the decisions of the meeting.

Now, the liaison statement was supposed to have an attachment and it was asked if the Nortel document in S1-010343 or the TR in S1-010520 should be attached. It was noted that unless time is provided to review the report, then it would need to attached as a Nortel Network input. It was decided to put on the liaison statement that this TR is not endorsed in any way by SA1.

It was decided to attach document S1-010343, but this will be confirmed when the revised liaison statement is received.

The Action List from SA #12 in document S1-010288 was reviewed after the meeting and it was noted that action 9 is closed. Also S1-010387 was reviewed also and it was considered that there was nothing relevant from the UMTS workshop on this subject.

11.5   Presence ad hoc

Document Number	Title	Source
S1-010321	Suggested changes to 22.S1-010141 and issue of "trust"	STF S1-010180
S1-010324	S11#12 Presence Service draft agenda	PS chairman
S1-010325	Presence Service Stage 1 (TS 22.S1-010141vS1-010010)	MCC
S1-010326	Presence Service work plan	PS chairman
S1-010327	RFC 2778	IETF
S1-010328	RFC 2779	IETF
S1-010329	A Common Profile for Instant Messaging (CPIM)	IETF
S1-010330	22.141 Subscription definition	Motorola
S1-010331	22.141 Editorial changes	Motorola
S1-010358	Enhancements to 22.141 for Agenda Item 6.2.12 (Presence)	Siemens
S1-010416	Changes to Presence stage1	Nokia
S1-010458	Generic improvements to stage 1	Openwave Systems Inc.
S1-010459	Service provisioning additions to stage 1	Openwave Systems Inc.
S1-010473	CS / PS services and the Presence Service	Motorola
S1-010472	Privacy, Trust and Availability	ST 180
S1-010474	Enhancements to 22.141 (Presence)	Presence ad hoc
S1-010475	Privacy, Trust and Availability discussion	Presence ad hoc
S1-010476	Privacy, Trust and Availability discussion	Presence ad hoc
S1-010477	Presence Service; Stage 1 V 0.1.0	Presence ad hoc
S1-010478	Presence Service; Stage 1 V 0.2.0	Presence ad hoc
S1-010479	Proposed Presence Service work plan	Presence ad hoc
S1-010480	Report of Presence ad hoc	Chairman
S1-010481	Presence Service	Presence ad hoc
S1-010532	Privacy, Trust and Availability	STF 180
S1-010573	Version 1.0.0 of 22.141 on presence service	Motorola

The report of the presence ad hoc was provided in document S1-010480. The second Presence adhoc meeting took place during the SA1 plenary on the 8th and 9th of May in Helsinki. The chairman was Mark Cataldo (Motorola) and the secretary was Christelle Faure (Fujitsu Europe Telecom R&D Centre).

20 delegates attended the Presence drafting session and 30 Tdocs were provided as input documents.

Three output documents were generated during the meeting, and those are submitted to SA1 plenary for agreement:
- ?? TS 22.141 V0.2.0 (S1-010478)
- ?? Proposed Work Plan (S1-010479)
- ?? Session Minutes (S1-010480).

The status of each document was contained in the Tdoc annex in S1-010480. The report was approved.

Document S1-010478 contained a new version 0.2.0 of 22.141. It was agreed to send this to SA #12 for information. The version 1.0.0 of the TS and a cover sheet was provide in document S1-010573. This was approved and will be sent to SA #12. The TS in S1-010478 will be attached to this.

Document S1-010481 contained a liaison statement to SA regarding presence. It was decided to put this into the cover sheet and the TS in S1-010573.

Document S1-010479 contained a workplan for the Presence service. It was noted that there is another meeting planned for 5-6th June and possibly 27-28 June. It is expected that there will be a version for approval in SA #13. The plan was approved and will be forwarded to the project plan.

11.6   Streaming ad hoc

Document Number	Title	Source
S1-010367	Proposed new SA4 work item on Extended Streaming Service	SA4 Chairman (Nokia)
S1-010369	first draft of the stage 1 document for the streaming service	Ericsson
S1-010401	Packet Switched Conversational Multimedia Applications; Default Codecs	3GPP TSG SA4
S1-010415	Proposed WID for Streaming	Vodafone
S1-010500	Report of Streaming ad hoc	Streaming ad hoc
S1-010501	LS to SA4 on Streaming WID	Streaming ad hoc
S1-010502	Streaming heebejebee Service	Streaming ad hoc
S1-010503	Streaming heebejebee Service	Streaming ad hoc
S1-010576	Streaming Service	Streaming ad hoc
S1-010577	Streaming Service	Streaming ad hoc

Document S1-010500 contained the report of the streaming ad hoc.

S1-010367, the ad-hoc group supported the parts of the SA4 WID that they understood but will ask SA4 for clarification on a couple of the work areas. Several delegates questioned Rights Management to be within the scope of the standardization work of 3GPP. It was agreed that a response LS will be written. This LS answer will include a request for further information of the scope for the SA4 WID and also provide information on what SA1 intends to do about Streaming. The Streaming ad-hoc meeting was very happy with the work done so far in SA4 regarding Streaming. The input document was noted.

Document S1-010415 contained an additional WID for the SA1 work. The reason to have a separate WID for SA1 was questioned, the scope seemed to be a little too big and also the heading could be confusing. The input document was rejected.

S1-010369, the reason to have a separate TS on Streaming requirements was questioned. The need for stage 1 streaming requirements were recognized and the suggestion was to incorporate these basic requirements in the existing TS 22.101 Service Principles. Instead of a separate stage 1 TS on streaming it was decided to write a CR on the release 4 version of the 22.101 document where the Simple Streaming basic requirements are specified. Another CR on the release 5 version will also be written. This CR will be exactly the same as the R4 CR. It was also decided that SA1 would need to continue their work on the R5 version of the 22.101 document to incorporate the additional requirements for the Extended Streaming Service when these become available. It was

proposed to do additional work defining the Streaming service in TR 22.941, IP Based Multimedia Service Framework. The input document was rejected.

Output documents:
- S1-010500, report from Streaming ad-hoc meeting
- S1-010501, LS answer to SA4
- S1-010502, CR on 22.101 R4
- S1-010503, CR on 22.101 R5

The issue of a separate stage 1 for streaming was also discussed in the SA1 plenary. It was decided in the meeting not to have a streaming specification, but rather to distributed throughout the specification set. This was questioned as now it only affects two TS, but later it could affect many more. This was discussed at some length. The two TSs were 26.233, which is effectively a stage 1 and 2 for streaming, and 26.234 which is a stage 3. There was a comment on the fact that a stage 1 is being written by SA4, but there is nothing that can be done at this meeting. The concerns were noted and inputs were invited.

The report was approved.

Document S1-010501 contained the answer back to SA4. SA4 only asked SA1 to comment on the WI. The liaison statement was approved.

The two CRs to 22.101 to include streaming service was provided in document S1-010502 and a companion CR to Rel-5 in document S1-010503. It was commented that the format of the changes is not correct. It was also commented that it affects the ME/UE. It was decided to revise the CRs. The revisions were provided in documents S1-010576 and S1-010577. It was agreed to send both CRs to SA #12 for approval.

11.7   Broadcast MM ad hoc

Document Number	Title	Source
S1-010312	Service Requirements for "Enhancement of Broadcast and Introduction of Multicast Capabilities"	NTT DoCoMo
S1-010355	Proposed Work Item description sheet on "Requirements for Multicast in UTRAN"	Siemens
S1-010356	Discussion on requirements for Multicast in UTRAN	Siemens
S1-010386	Multicast sessions	BT
S1-010508	Agenda	Broadcast ad hoc
S1-010509	Replaced WI description for Broadcast/Multicast	Broadcast ad hoc
S1-010510	Draft minutes	Broadcast ad hoc
S1-010511	Draft TR 22.xxx Broadcast/Multicast stage 1 description	Broadcast ad hoc
S1-010512	Proposed WI description for Broadcast/Multicast	Broadcast ad hoc
S1-010497	Enhancement of Broadcast and introduction of Multicast	Omnitel/Vodafone
S1-010578	Proposed WI description for Broadcast/Multicast	Broadcast ad hoc

The report of the Broadcast MM ad hoc was provided in document S1-010500. It was approved.

The work item description was provided in document S1-010512. Nokia commented that they wished to be added to the supporting companies for this WI. Another comment was that it is not necessary to require a new WI for each area for this item; one is sufficient for all groups unless they think otherwise. There are also some paragraphs missing (5-8). A revision of this was provided in S1-010578. It was agreed to send this to SA #12 for approval.

The aim is to have a first presentation of this for SA #12. This means there will be an email discussion and an email approval.

In section 7, the requirements need to refer to GERAN also. This was noted and will be updated during the email discussion. It was noted that this needs to be a TR and not a stage 1, hence this should be deleted on the front page.

The document was noted. It is requested that this be put on email approval on the 24th May. This would mean that it will complete on 7th June, which is too close to the plenaries. It was proposed to put it on email on the 22nd May and complete on 5th June. This would be acceptable by SA.

It was commented that it could be too early to send this to SA #12. It was commented that the point is to have the document 50% stable. Resources have been volunteered and it is possible. With this, it was decided to move forward.

11.8   Push ad hoc

The following documents were dealt with by the PUSH ad hoc:

Document Number	Title	Source
S1-010364	Stage 1 Push Service	Ericsson
S1-010380	Support of push services–Terminal aspects (push user agent)	Comverse
S1-010521	Simplified Push Requirements	BT
S1-010522	Proposed changes to draft TS on PUSH Services	Ericsson
S1-010523	Report of PUSH ad hoc	Push ad hoc
S1-010524	LS on the scope of Push service	Push ad hoc
S1-010545	LS on the scope of Push service	Ericsson

The report of the PUSH ad hoc was provided in document S1-010523.

Document S1-010364, which contained a proposed stage 1 for the PUSH service was noted. Several delegates were uncertain about the scope of the Push service and how SA1 should treat Push service requirements. Concern about if it's possible to develop Push service requirements independently of the transport mechanism were raised. It was decided to send an LS to SA2 and ask for a joint session to clarify how to move forward.

Document S1-010380 which contained a discussion document on Support of push services–Terminal aspects (push user agent) was also noted. The ad hoc meeting suggested that this document should also be brought to SA2.

Documents S1-010522 and S1-010521 were also noted.

The resulting draft stage 1 was provided in document S1-010522, which was passed to SA1 for consideration.

Output documents: -   S1-0100523, report from Push ad-hoc meeting
                       -     S1-0100524, LS to SA2, T2

Document S1-010523 was approved and will be put in the annex of this report.

The liaison statement to SA2 and T2 was provided in S1-010524. However, after discussions after the meeting, it was decided to revise this liaison statement and it was provided in S1-010545 and was approved.

11.9   Network Selection ad hoc

The following documents were passed to the Network Selection ad hoc:

Document Number	Title	Source
S1-010286	Response LS on Periodic Network selection attempt	3GPP TSG CN1
S1-010291	Response LS on Periodic Network selection attempt	TSG CN WG1
S1-010299	LS on (Equivalent) "PLMN codes" terminology	TSG-RAN WG2

S1-010332	Partial Roaming Background Discussion	Hutchison3g
S1-010333	CR to 22.011 v3.4.0 for Partial Roaming	Hutchison3g
S1-010334	CR to 22.011 v4.3.0 for Partial Roaming	Hutchison3g
S1-010350	Background scan of HPLMN + priority PLMNs	Nokia
S1-010353	Inter PLMN handover	Nokia
S1-010362	Draft Liaison statement on Partial Roaming	Hutchison3g
S1-010384	3GPP TSG SA Workshop on UE in idle mode	
S1-010417	Background Scanning for PLMNs	Motorola
S1-010418	Background Scanning for PLMNs	Motorola

In addition the following documents were allocated during the meeting of the ad hoc:

Document Number	Title	Source
S1-010442	Priority selection criteria of calls in a multicall	SA1
S1-010443	CR to 31.102-073	T
S1-010444	CR to 31.102-074	T
S1-010492	Service Provider name reintroduction	PLMN Selection ad hoc
S1-010493	Report of PLMN selection ad hoc	PLMN Selection ad hoc
S1-010494	Location Update Rejection clarification	PLMN Selection ad hoc
S1-010495	Location Update Rejection clarification	PLMN Selection ad hoc
S1-010496	Service Provider name	PLMN Selection ad hoc
S1-010498	Background Scanning for PLMNs	Motorola
S1-010513	Background Scanning for PLMNs	Motorola
S1-010514	Background Scanning for PLMNs	Motorola
S1-010516	Default value for background scanning timer	One2one
S1-010517	Default value for background scanning timer	One2one
S1-010518	LS to CN1 on 3 digit MNC and new MCCs	PLMN Selection ad hoc
S1-010544	LS on (Equivalent) "PLMN identity" terminology	TSG-RAN WG2
S1-010547	Report of PLMN selection ad hoc	PLMN Selection ad hoc
S1-010549	Service Provider name	Orange
S1-010550	Removal of Graphic display	Orange
S1-010554	RE: Display of service provider name (ref : S1-010381/T3-01032, S1-010535)	ad hoc
S1-010557	RE: Display of service provider name (ref : S1-010381/T3-01032, S1-010535)	ad hoc
S1-010558	Service Provider name	Orange
S1-010586	Removal of Graphic display	Orange

The report was provided in document S1-010493 the summary of which was:

- About 20 delegates attended the SA1 Network selection ad-hoc; about 30 delegates attended the joint SA1-CN1 evening session
- Michele Zarri from One 2 One Personal Communications Limited chaired both the ad hoc
- Agreement was reached on the periodic network selection attempt and CRs were drafted for 22.011 R99 (document S1-010abc) and Rel-4 (document S1-010abc). Improved the handling of Equivalent PLMNs introduced during the "UE in idle mode workshop"

- A CR was agreed on 22.011 to solve the problem of selective access to multi-RAT PLMNs (document S1-010494 for R99). The solution was agreed by CN1 where the necessary modifications to stage 2 specifications will be presented.
- Agreed the way forward to handle the request from GSM Europe for clarifications on the impact of the introduction of 3 digit mobile network codes in Europe.
- Some progress on the definition of service provider name and the necessary work to be carried out in T3.
- Clarified the terminology that should be used to refer to the MCC+MNC combination.

The output was provided in documents:

Document Number	Title	Source
S1-010492	Service Provider name reintroduction	PLMN Selection ad hoc
S1-010494	Location Update Rejection clarification	PLMN Selection ad hoc
S1-010513	Background Scanning for PLMNs	Motorola
S1-010514	Background Scanning for PLMNs	Motorola
S1-010516	Default value for background scanning timer	One2one
S1-010517	Default value for background scanning timer	One2one
S1-010518	LS to CN1 on 3 digit MNC and new MCCs	PLMN Selection ad hoc

Document S1-010513 contained a CR to 22.011 on Background Scanning for PLMNs for R99 (S1-010513) and Rel-4 (S1-010514). It was agreed to send both CRs to SA #12 for approval.

Document S1-010516 contained a CR to R99 on a default value for background scanning timer. This was agreed in the joint SA1/CN1 meeting. The CR in S1-010516 and the equivalent for Rel-4 in S1-010517 were forwarded to SA #12 for approval. In S1-010516 it was noticed that this affects the ME/UE; this was changed.

Document S1-010494 contained a CR to 22.011 on Location Update Rejection clarification. In order to perform a selective registration in a dual mode network, the UE can be sent a new rejection code as a response to a location update attempt. In this case the UE writes the LA in the list of "forbidden Las for roaming" and searches for a suitable cell in the same PLMN. The CR has been looked at by CN1 and it has been agreed that there will be corresponding CRs to CN TSs. It was agreed to send this to SA #12 for approval with the equivalent for Rel-4 in S1-010495.

Document S1-010353 contained a CR to 22.129 on Inter PLMN handover. It was agreed to be sent to SA #12 for approval.

Document S1-010518, which contained LS to CN1 on 3 digit MNC and new MCCs, was approved.

Document S1-010299 contained a liaison statement from RAN2 on (Equivalent) "PLMN codes" terminology. The joint CN1/SA1 group discussed this and provided a response in S1-010544. This was approved with the slight change to the source (SA1) and with the inclusion of the original LS from RAN2.

An update of the report was provided in document S1-010547. This was approved and can be found in the annex of the report.

See also section 6.2.8 for discussions on Service Provider Name.

12   Approval of Outputs and Liaisons

Here

Change Requests

Rele	Spec_N	Document	Title	To

ase	umber	Number		
Rel-4	21.905	S1-010366	Corrections to the vocabulary requested by RAN-4	SP-12
Rel-4	21.905	S1-010582	CR to 21.905 on Definitions in 22.101 subscription and service provider	SP-12
Rel-5	21.905	S1-010537	Subscription and Provisioning	SP-12
Rel-4	22.001	S1-010540	Removal Bearer modification without pre-modification from 22.001	SP-12
Rel-4	22.002	S1-010357	CR to 22.002 for Agenda Item 6.2.7 (TEI)	SP-12
R99	22.003	S1-010272	Correction of applicability of Fax in R99	SP-12
R99	22.003	S1-010590	Removal of Voice Group Service	SP-12
Rel-4	22.003	S1-010563	Removal of Voice Group Service	SP-12
Rel-4	22.011	S1-010514	Background Scanning for PLMNs	SP-12
R99	22.011	S1-010494	Location Update Rejection clarification	SP-12
Rel-4	22.011	S1-010495	Location Update Rejection clarification	SP-12
R99	22.011	S1-010513	Background Scanning for PLMNs	SP-12
R99	22.011	S1-010516	Default value for background scanning timer	SP-12
R99	22.011	S1-010517	Default value for background scanning timer	SP-12
Rel-5	22.038	S1-010419	Indication of Key identification	SP-12
Rel-4	22.078	S1-010309	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-4, Category A, version 4.1.0)	SP-12
R99	22.078	S1-010543	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, R99, Category F, version 3.7.0)	SP-12
Rel-5	22.078	S1-010306	CR 22.078-xxx on "Clarification on creating a new call" CAMEL4, REL-5, Category F, version 5.2.0)	SP-12
Rel-5	22.078	S1-010342	Introduction of the new CSI for the mobility management for the GPRS subscriber	SP-12
Rel-5	22.078	S1-010341	Inclusion of ODB data in ATM	SP-12
Rel-5	22.078	S1-010310	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-5, Category A, version 5.2.0)	SP-12
Rel-4	22.082	S1-010438	Clarification of CPHS CFU Indication	SP-12
R99	22.100	S1-010561	Request for clarification on the fax service in UMTS R99	SP-12
Rel-5	22.101	S1-010589	Service Provider name	SP-12
Rel-4	22.101	S1-010588	Bearer modification without pre-modification	T3, SP-12
Rel-5	22.101	S1-010351	CS Multimedia fallback to speech	SP-12
Rel-5	22.101	S1-010505	Replacement of references to 23.121 for R4 onwards	SP-12
R99	22.101	S1-010492	Service Provider name reintroduction	SP-12
Rel-4	22.101	S1-010352	CS Multimedia fallback to speech	SP-12
Rel-5	22.101	S1-010577	Streaming heebejebee Service	SP-12
Rel-4	22.101	S1-010576	Streaming heebejebee Service	SP-12
Rel-5	22.101	S1-010574	Subscription and Provisioning	SP-12
Rel-4	22.101	S1-010504	Replacement of references to 23.121 for R4 onwards	SP-12
Rel-4	22.101	S1-010560	Subscription and Provisioning	SP-12
Rel-4	22.101	S1-010586	Removal of Graphic display	SP-12
Rel-5	22.115	S1-010572	Introduction of online charging for prepaid services	SP-12
Rel-5	22.121	S1-010377	Changes to TS 22.121 Release 5 to update Release 5 TS	SP-12
Rel-4	22.127	S1-010391	Terminal capabilities	SP-12
Rel-5	22.127	S1-010393	De-Registration Function	SP-12
Rel-4	22.127	S1-010530	Detailed requirements for transaction history retrieval	SP-12

Rel-5	22.127	S1-010531	CR on Decoupling the OSA API	SP-12
Rel-5	22.127	S1-010392	Introduction of OSA support to enable Policy Management	SP-12
Rel-4	22.129	S1-010353	Inter PLMN handover	SP-12
Rel-4	22.129	S1-010553	Bearer modification without pre-modification	SP-12
Rel-5	22.140	S1-010583	Discussion on 3G TS 22.140 V4.1.0	T2
Rel-5	22.228	S1-010455	CR 22.228 - Capability of the IM CN Subsystem to present the identity of connected-to party	SP-12

WIs

Document Number	Title	To
S1-010390	Proposed modification to 3GPP work plan	Project plan, SP-12
S1-010556	WI for Rel-5 on Prepay real-time charging in the IM subsystem	SP-12
S1-010578	Proposed WI description for Broadcast/Multicast	SP-12

Specs

Release	Document Number	Title	To
	S1-010536	Version 1.1.0 of 22.226 of GTT	SP-12
Rel-5	S1-010573	Version 1.0.0 of 22.141 on presence service	SP-12

Email of issues dealt with in meeting

Release	Doc No	Title	To

Email of issues NOT dealt with in meeting

Release	Doc No	Title	To

Ad Hocs

Release	Doc No	Title	To

Approved Liaison statements

Document Number	Title	To	Copy
S1-010376	LS to S5 on service provisioning	S5	
S1-010381	LS on "Display of Service Provider Name"	T3	T
S1-010405	The Wireless Communication Transfer Protocol (WCTP)	OSA ad hoc	
S1-010439	LS on Maximum number of LCS Clients in LCS Rel-4	SA2, CN4	
S1-010440	LS Concerning Mobile Device Management	T2, S5	

S1-010469	Proposed LS to CN2 on CPH charging requirements	CN2	
S1-010501	LS to SA4 on Streaming WID	SA4	SA2, SA3, T2
S1-010518	LS to CN1 on 3 digit MNC and new MCCs	CN1	
S1-010525	LS "Request For Clarification on Account Transaction History"	CN5	
S1-010529	Response LS on Voice Bearer Intereworking	SA2	SA4, TSG-T, GSMA SerG
S1-010539	Modified proposed reply LS on Terminal Capabilities	SA, T2, SA2, SA	S5,S1-OSA ad hoc
S1-010544	LS on (Equivalent) "PLMN identity" terminology	RAN2, CN1	RAN3,RAN4
S1-010545	LS on the scope of Push service	SA2, T2	SA
S1-010557	RE: Display of service provider name (ref : S1-010381/T3-01032, S1-010535)	T3	
S1-010565	LS T3 on GPRS parameters	T3	
S1-010569	Reply to LS at S1-010290 on Roaming.	CN1	SA2, GSMA SerG, GSMA BARG, GSM IREG
S1-010575	Draft Liaison Statement on UE Functionality Split	SA2, T2, T3, S3, N1	
S1-010584	IP multi-media charging principle	SA2 & SA5	
S1-010587	Reponsed to LS on Display of service provider name (ref : S1-010557/T3-010383)	T3	
S1-010591	LS regarding User Profile	T2, SA2, SA3, SA4	SA4, SA

13   Future meetings

13.1   SA1 plenaries - future proposed dates

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

S1#13	9-13 July 2001	Lake Tahoe, hosted by SBC
S1#14	5-9 November 2001	Japan, hosted by NTT DoCoMo
SA1#15	14-18 Jan 2002,	host offered: AWS Las Vegas
SA1#16	8-12 Apr 2002,	no host
SA1#17	8-12 July 2002,	host offered: SBC (North America)
SA1#18	23-27 Sep 2002,	no host

13.2   Ad-hocs

CAMEL 25-27 June week (3 days) – IMS requirements plus CPH requirements

IMS – suggested 2 day meeting end of June 26-27-28 Dallas, hosted by Dynamicsoft and AWS.

UE func split – co-locate with IMS?

Presence #3	5-6 June,	Sophia Antipolis
Presence #4	27-28 June	(co-locate with IMS)
OSA	6-7 June	Sophia Antipolis

14   Closure of Meeting

The chairman thanked the delegates for their contributions to the meeting and for their hard work. He thanked the hosts, Sonera, Tac, Nokia and Elisa Comms., for all the facilities at the meeting. The social event was very enlightening particularly the Lumberjack's candle once it got going.

The meeting was closed at 15.00 on Friday 11th May 2001.

ANNEX A – Table of documents

Document Number	Title	Source	Result
S1-010252	CR to 22.002 clarification on Circuit Switched Bearer Services in UMTS	SIEMENS	Noted; Submitted to and approved at SA#11
S1-010253	CR to 22.002 clarification on Circuit Switched Bearer Services in UMTS	SIEMENS	Noted; Submitted to and approved at SA#11
S1-010254	Restructuring of 22.002	SIEMENS	Noted; Submitted to and approved at SA#11
S1-010264	Report of TSG_SA_WG1#11 Meeting	MCC	Approved
S1-010265	Alignment of Stage 1 MMS to Stage 2 MMS	TSG T2	Submitted after SA1 #11
S1-010266	Restructuring of tables in section 3.1	Rapporteur	Submitted after SA1 #11
S1-010267	Response to S1-(01)249 "LS on IM Emergency Call without USIM"	GSM NA	Noted; Approved by email
S1-010268	IM Emergency Call without USIM	TSG CN Plenary	Noted; Approved by email
S1-010269	Number of LCS Clients	SBC	Noted; Approved by email
S1-010270	IMEI format and structure changes	GSM A TWG	Noted; Approved by email
S1-010271	LS on basic and advanced services examples	IMS ad hoc	Noted; Approved by email
S1-010272	Correction of applicability of Fax in R99	Lucent	Agreed to be sent SA for approval
S1-010273	Report of OSA ad hoc in Tempe #6	OSA ad hoc	Noted
S1-010274	Clarify the situation when a user becomes available	OSA ad hoc	Noted; Submitted to and approved at SA#11
S1-010275	Terminal capabilities	OSA ad hoc	Noted; Submitted to and approved at SA#11
S1-010276	Make the Scope more precise description of 22.127	OSA ad hoc	Noted; Submitted to and approved at SA#11
S1-010277	Clarify charging requirements	OSA ad hoc	Noted; Submitted to and approved at SA#11
S1-010278	OSA consistency within stage1 specification	OSA ad hoc	Noted; Submitted to and approved at SA#11
S1-010279	Clarification to the requirements of the Event Notification Function	OSA ad hoc	Noted; Submitted to and approved at SA#11
S1-010280	GPRS LOCATION AND STATE QUERY (22.078)	CWTS/Huawei Technologies Co., Ltd	Referred to CAMEL ad hoc; Noted see CR in 467
S1-010281	Enhance ATI operation	CWTS/Huawei Technologies Co., Ltd	Referred to CAMEL ad hoc:CAMEL adhoc Revised to 466 and 467
S1-010282	Deletion of WIs with impact on other TSGs	TSG CN	Postponed to closing

		Plenary	plenary; Noted, see 351 and 352 for Swap and fallback, Bearer Mod in 352,540,541, 542
S1-010283	New ECMA QSIG Standard on Short Message Service (SMS) in a Private Network (PISN)	ECMA TC32	Noted
S1-010284	REQUEST FOR INFORMATION FOR PROPOSED ITU-T TECHNICAL REPORT BEING DEVELOPED BY THE SPECIAL STUDY GROUP ON "IMT-2000 AND BEYOND"	ITU-T	Postponed to closing plenary. PCG indicate that WG do not need to look at this; Noted
S1-010285	LS on 3GPP Vocabulary document TR21.905	TSG RAN WG4	Same as 301
S1-010286	Response LS on Periodic Network selection attempt	3GPP TSG CN1	Referred to Network Selection ad hoc; Noted
S1-010287	Report of SA #11 in Palm Springs	Team SA1	Noted
S1-010288	List of actions for SA1 from SA #11 in Palm Springs	Team SA1	Noted, individuals to review and chairs of adhocs to consider. Randy to update as needed.
S1-010289	Draft Agenda	Team SA1	Revised on line
S1-010290	LS on "IM CN Subsystem Roaming"	TSG CN WG1	Forwarded to IMS ad hoc; Noted. Reply in S1-010454
S1-010291	Response LS on Periodic Network selection attempt	TSG CN WG1	Referred to Network Selection ad hoc; Noted
S1-010292	LS response on Enhancement of LCS functionality in Rel-4	TSG CN WG4	Noted
S1-010293	Response to SA1 LS (Tdoc S1-010219) on maximum number of LCS clients in the "privacy client list".	TSG CN WG4	See response in 439
S1-010294	LS on Maximum number of LCS Clients in LCS Rel-4	TSG CN WG4	Response provided in document 439
S1-010295	Reply to LS on "Control of IP multimedia services" (NJ-010107)	TSG CN WG5	Forwarded to IMS ad hoc; Noted
S1-010296	LS "Terminal capabilities change notification in OSA"	TSG CN WG5	Noted as part of a conversation between CN5 and SA2
S1-010297	LS "Request For Clarification on Account Transaction History"	TSG CN WG5	Mr Leitgeb agreed to handle the discussions on this document
S1-010298	Deletion of WIs with impact on other TSGs	TSG CN Plenary	Postponed to closing plenary; same as 290
S1-010299	LS on (Equivalent) "PLMN codes" terminology	TSG-RAN WG2	Sent to Network selection ad hoc; reponse in 544
S1-010300	Draft Response to LS (R3-010610 (R2-010250)) on UE positioning request transfer during SRNS relocation	TSG-RAN WG3	Noted
S1-010301	LS on 3GPP Vocabulary document TR21.905	TSG RAN WG4	Resulted in CR in 366
S1-010302	LS on periodic location request	TSG-SA WG2	Noted
S1-010303	TS 23.221 Architectural requirements for Release 5	TSG-SA WG2	Forwarded to IMS ad hoc also see 395;

			Relevant CRs at S1-010504 and S1-010504
S1-010304	Proposed LS on voice bearer interworking	TSG-SA WG2	Forwarded to IMS ad hoc; Noted, Reply at S1-010448
S1-010305	Proposed Reply LS on "Proposal not to use the IMSI as the identity of an IM subscriber	TSG-SA WG2	Forwarded to IMS ad hoc; Noted
S1-010306	CR 22.078-xxx on "Clarification on creating a new call" CAMEL4, REL-5, Category F, version 5.2.0)	Vodafone	Forwarded to CAMEL ad hoc; Agreed to be sent to SA #12 for approval
S1-010307	CR 22.078-xxx on "Clarification of CPH requirements" (CAMEL4, REL-5, Category F, version 5.2.0)	Vodafone	Forwarded to CAMEL ad hoc; Revised to 463
S1-010308	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, R99, Category F, version 3.7.0)	Vodafone	Forwarded to CAMEL ad hoc; Revised to 543
S1-010309	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-4, Category A, version 4.1.0)	Vodafone	Forwarded to CAMEL ad hoc; Agreed to be sent to SA #12 for approval
S1-010310	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, REL-5, Category A, version 5.2.0)	Vodafone	Forwarded to CAMEL ad hoc; Agreed to be sent to SA #12 for approval
S1-010311	Refinement of the GTT service requirements	GTT Drafting Group (Nortel Networks)	Approved, and will be put into a new version
S1-010312	Service Requirements for "Enhancement of Broadcast and Introduction of Multicast Capabilities"	NTT DoCoMo	Forwarded to Broadcast MM; Noted
S1-010313	"Clarification of PDP context QoS change notification to the CSE" (CR 101)	Lucent	Forwarded to CAMEL ad hoc; Revised to 460
S1-010314	"Clarification of PDP context QoS change notification to the CSE" (CR 102)	Lucent	Forwarded to CAMEL ad hoc; Revised to 461
S1-010315	"Clarification of PDP context QoS change notification to the CSE" (CR 103)	Lucent	Forwarded to CAMEL ad hoc; withdrawn
S1-010316	Draft Report of the GTT Workshop	Secretary, Maurice Pope, MC	Noted
S1-010317	User to User support of CTM	Drafting Group (GTT ad hoc)	Noted as background information
S1-010318	"Rapporteurship of 22.038"	Motorola	Noted, new Rapporteur is Paul Carpenter
S1-010319	Report of OSA progress	Siemens	Noted
S1-010320	Alignment with stage 2 & 3	Vodafone	Rejected at this time. If Mr Wolack can generate some support and perhaps a revision, it may be seen again
S1-010321	Suggested changes to 22.141 and issue of "trust"	STF 180	Passed to to Presence ad hoc; Noted

S1-010322	S11#12 opening plenary Presence report	PS chairman	Passed to to Presence ad hoc; Noted
S1-010323	Minutes of Presence Service meeting 18th-19th April, 2000	MCC	Passed to to Presence ad hoc; Noted
S1-010324	S11#12 Presence Service draft agenda	PS chairman	Passed to to Presence ad hoc; Approved
S1-010325	Presence Service Stage 1 (TS 22.141v010)	MCC	Passed to to Presence ad hoc; Noted
S1-010326	Presence Service work plan	PS chairman	Passed to to Presence ad hoc; Revised
S1-010327	RFC 2778	IETF	Passed to to Presence ad hoc; Noted
S1-010328	RFC 2779	IETF	Passed to to Presence ad hoc; Noted
S1-010329	A Common Profile for Instant Messaging (CPIM)	IETF	Passed to to Presence ad hoc; Noted
S1-010330	22.141 Subscription definition	Motorola	Passed to to Presence ad hoc; Noted
S1-010331	22.141 Editorial changes	Motorola	Passed to to Presence ad hoc; Agreed Incorporated in S1-010478
S1-010332	Partial Roaming Background Discussion	Hutchison3g	Forwarded to the Network Selection ad hoc; Withdrawn
S1-010333	CR to 22.011 v3.4.0 for Partial Roaming	Hutchison3g	Forwarded to the Network Selection ad hoc; Withdrawn
S1-010334	CR to 22.011 v4.3.0 for Partial Roaming	Hutchison3g	Forwarded to the Network Selection ad hoc; Withdrawn
S1-010335	Technical issues in the reporting location information during an ongoing call	Siemens AG	Referred to CAMEL ad hoc; Noted
S1-010336	Location information during an ongoing call	Siemens AG	Referred to CAMEL ad hoc; Revised to 464
S1-010337	Alignment with the current stage 2 GPRS change of location	Siemens AG	Referred to CAMEL ad hoc; Withdrawn
S1-010338	Alignment with the current stage 2 GPRS change of location	Siemens AG	Referred to CAMEL ad hoc; Withdrawn
S1-010339	Alignment with the current stage 2 GPRS change of location	Siemens AG	Referred to CAMEL ad hoc; Withdrawn
S1-010340	Inclusion of ODB for Packet Oriented Services in ATI	Siemens AG	Referred to CAMEL ad hoc; Withdrawn
S1-010341	Inclusion of ODB data in ATM	Siemens AG	Forwarded to CAMEL ad hoc; Agreed to be sent to SA #12 for approval
S1-010342	Introduction of the new CSI for the mobility	Siemens AG	Forwarded to CAMEL

	management for the GPRS subscriber		ad hoc; Agreed to be sent to SA #12 for approval
S1-010343	UE Functionality Split	Nortel Networks, Xircom, Sierra Wireless	Referred to the UE Functionality Split ad hoc; Noted
S1-010344	Un-used	Nortel Networks, Xircom, Sierra Wireless	Not used
S1-010345	Exploratory LS Concerning Mobile Device Management	WAP Forum	LS to be sent to T2 and SA5 to have co-ordinated response
S1-010346	Request for additional information for the introduction of 3 digit MNC in Europ	GSM Europe	Sent to Network Selection ad hoc; Response in 518
S1-010347	Prepaid Online Charging	22.115 Rapporteur	Return to this in closing plenary, however work item was NOT agreed in SA11. Need a new WI. Noted see WID in 546
S1-010348	Introduction of online charging for prepaid services	22.115 Rapporteur	Revised; See 347
S1-010349	Priority selection criteria of calls in a multicall	Nokia	Revised
S1-010350	Background scan of HPLMN + priority PLMNs	Nokia	Forwarded to the Network Selection ad hoc; Withdrawn
S1-010351	CS Multimedia fallback to speech	Nokia	Agreed to be sent to SA #12 for approval with category A
S1-010352	CS Multimedia fallback to speech	Nokia	Agreed to be sent to SA #12 for approval with category F
S1-010353	Inter PLMN handover	Nokia	Forwarded to the Network Selection ad hoc; Agreed in ad hoc and sent to SA1 Plenary
S1-010354	Clarification of CPHS CFU Indication	Orange	Revised
S1-010355	Proposed Work Item description sheet on "Requirements for Multicast in UTRAN"	Siemens	Forwarded to Broadcast MM; Revised to 509
S1-010356	Discussion on requirements for Multicast in UTRAN	Siemens	Forwarded to Broadcast MM; Incorporated into 511 by ad hoc
S1-010357	CR to 22.002 for Agenda Item 6.2.7 (TEI)	Siemens	Agreed to be sent to SA #12 for approval with minor on-line changes
S1-010358	Enhancements to 22.141 for Agenda Item 6.2.12 (Presence)	Siemens	Passed to to Presence ad hoc; Agreed Incorporated in S1-010478
S1-010359	Subscription and Provisioning	Siemens	Presented.

			Discussion postponed to Thursday. Comments to Joerg encouraged in the meantime. Created into 2 CRs
S1-010360	Answer LS on Missing LCS QoS, Priority, Request type, Assistance data, Client type, Stop reporting type parameters over Iu interface RANAP 25.413.	RAN WG3	Noted
S1-010361	Convergence of QoS approaches in 3GPP and TIPHON	TIPHON	Noted
S1-010362	Draft Liaison statement on Partial Roaming	Hutchison3g	Forwarded to the Network Selection ad hoc; Withdrawn
S1-010363	WID for Instant Messaging	Comverse	Postponed to closing plenary; Noted, but to be include in section 8 of the framework specification in 451
S1-010364	Stage 1 Push Service	Ericsson	Referred to PUSH ad hoc; Noted
S1-010365	Introduction of charging requirements for CPH into 22.078	Alcatel	Referred to CAMEL ad hoc; Revised to 465
S1-010366	Corrections to the vocabulary requested by RAN-4	Rapporteur	Agreed to be sent to SA #12 for approval
S1-010367	Proposed new SA4 work item on Extended Streaming Service	SA4 Chairman (Nokia)	Referred to Streaming ad hoc; Noted
S1-010368	Further additions and improvements on 3G TS 22.141 v0.1.0 (2001-0x)	Openwave	Passed to to Presence ad hoc Replaced by 457, 458, 459
S1-010369	first draft of the stage 1 document for the streaming service	Ericsson	Referred to Streaming ad hoc; Rejected
S1-010370	Update to 136 presentation to S1	VHE ad hoc	Noted, IMS group to incorporate service provisioning; Contributions invited, Issue is being dealt with 22.941
S1-010371	Updated Tempe meeting report. Update of 119	VHE ad hoc	Noted
S1-010372	Rel-5 update from Tempe	VHE ad hoc	Noted
S1-010373	Update to 137 Sophia Antipolis meeting report	VHE ad hoc	Noted
S1-010374	Proposed draft 0.5 of TS 22.121 from Sophia Antipolis	VHE ad hoc	Noted as working document with change bars to produce CR in 377
S1-010375	Modified proposed reply LS on Terminal Capabilities	VHE ad hoc	Not approved, but to be discussed in the group. Revised
S1-010376	LS to S5 on service provisioning	VHE ad hoc	Approved
S1-010377	Changes to TS 22.121 Release 5 to update Release 5 TS	VHE ad hoc	Agreed to be sent to SA #12
S1-010378	Decoupling the OSA API	Nortel Networks	Iain Sharp to act as contact point during Tuesday and Wednesday. Return to this in closing

			plenary, Revised
S1-010379	CR on Decoupling the OSA API	Nortel Networks	Revised
S1-010380	Support of push services–Terminal aspects (push user agent)	Comverse	Referred to PUSH ad hoc; Noted
S1-010381	LS on "Display of Service Provider Name"	France Telecom	Approved
S1-010382	Charging And Billing for IM session aspects	BT	Forwarded to IMS ad hoc; Noted. It was agreed to send LS related to this issue, see S1-010452
S1-010383	IP-based multimedia services examples	Ericsson, Rogers Wireless	Forwarded to IMS ad hoc; Noted. Agreed to be combined to 22.041.
S1-010384	3GPP TSG SA Workshop on UE in idle mode	Workshop Chair	Noted for background information
S1-010385	Redirection	BT	Forwarded to IMS ad hoc; Noted. Revised at S1-010453.
S1-010386	Multicast sessions	BT	Forwarded to Broadcast MM; Incorporated into 511 by ad hoc
S1-010387	Action points for SA1	UMTS Forum Workshop	Adhocs to look into this;Contributions invited, 22.941 includes the privacy and security aspects currently
S1-010388	Support of the TSG SA GTT workshop results	T1P1	Noted based on the decision to send the stage 1 for approval in 536
S1-010389	Draft Meeting Report of SA1 adhoc on Open Service Access #5	OSA Ad Hoc	Noted
S1-010390	Proposed modification to 3GPP work plan	OSA Ad Hoc	Approved
S1-010391	Terminal capabilities	OSA Ad Hoc	Postponed to closing plenary; Agreed to send to SA #12 for approval
S1-010392	Introduction of OSA support to enable Policy Management	OSA Ad Hoc	Agreed to be sent to SA #12
S1-010393	De-Registration Function	OSA Ad Hoc	Agreed to be sent to SA #12
S1-010394	Removal of Visited Control S-CSCF option from the Rel 5 architecture	TSG-SA WG2	Forwarded to IMS ad hoc; Noted
S1-010395	LS on Replacement of 23.121 for R4 onwards	TSG-SA WG2	Rapporteurs invited to check specifications for references to 23.121 from Rel.4 onwards See 303
S1-010396	Convergence of QoS approaches in 3GPP and TIPHON	TSG-SA WG2	Noted for historical interest
S1-010397	Response to LS on IM Emergency Call without USIM	TSG-SA WG2	Noted for historical interest
S1-010398	Liaison Statement on IMS Service Provision	TSG-SA WG2	Forwarded to IMS ad

			hoc; Noted
S1-010399	Missing LCS QoS, Priority, Request type, Assistance data, Client type, Stop reporting type parameters over Iu interface RANAP 25.413 (LOCATION REPORTING CONTROL and LOCATION REPORT messages).	TSG-SA WG2	Noted, resulted in response in 360 copied to SA1
S1-010400	UE functionality split over physical devices	TSG-SA3	Referred to the UE Functionality Split ad hoc; Noted
S1-010401	Packet Switched Conversational Multimedia Applications; Default Codecs	3GPP TSG SA4	Noted; comments invited
S1-010402	LS in reply to LS on MExE and User Equipment Management (T2?000756)	SA5	Noted
S1-010403	LS on Subscription Management Requirements and Model	SA5	Noted request to delegates to bring this matter up if there is a need
S1-010404	IM subsystem tones and announcements	T2	Forwarded to IMS ad hoc; Noted. Reply at S1-010449
S1-010405	The Wireless Communication Transfer Protocol (WCTP)	TSG-T2	Next OSA should look into this
S1-010406	TR 31.900 - SIM/USIM Internal and External Interworking Aspects	T3	Noted
S1-010407	RE: Response to LS (S1-0100200= T3-0100146) on KEY IDENTIFICATION EVENT	T3	Postponed to closing plenary, Stephen Wolak to look into this.
S1-010408	Enhancement of CPHS Network Operator Name Feature for 3G Rel-4	T3	Noted
S1-010409	GPRS operator preferences for 3G Rel-4	T3	Mr Wolak was requested to look at both these issues and report back.
S1-010410	Response to LS (T2-000793) on discussion document on UE functionality split over physical devices	T3	Referred to the UE Functionality Split ad hoc; It was agreed that S1 will start with case of 1 active subscription
S1-010411	Report of the IMS ad hoc #10	IMS ad hoc	Noted
S1-010412	Presentation of report from IMS ad hoc #10	IMS ad hoc	Noted, see written report in 411
S1-010413	CR 22.228 - Capability of the IM CN Subsystem to present the identity of connected-to party	IMS ad hoc	IMS group to reconsider the CR; Revised to 455
S1-010414	22.928 IP Multimedia Service Examples	IMS ad hoc	IMS group to reconsider the TR on services and connection to the Services Framework TR proposal;Noted. See S1-010383
S1-010415	Proposed WID for Streaming	Vodafone	Referred to Streaming ad hoc; Noted
S1-010416	Changes to Presence stage1	Nokia	Passed to to Presence ad hoc; Agreed Incorporated

			in S1-010478
S1-010417	Background Scanning for PLMNs	Motorola	Forwarded to the Network Selection ad hoc; Revised
S1-010418	Background Scanning for PLMNs	Motorola	Forwarded to the Network Selection ad hoc
S1-010419	Indication of Key identification	Vodafone	Agreed to be sent to SA #12 for approval (To be fixed by Michael)
S1-010420	IP Based MultiMedia Services Framework Specification Proposal	SA #11	IMS group to reconsider; Noted
S1-010421	IP Based MultiMedia Services Framework Specification; Stage 1	SBC	Noted. See S1-010499.
S1-010422	Privacy, Trust and Availability discussion	Openwave Systems Inc.	Withdrawn replaced with 456
S1-010423	Request for clarification on the fax service in UMTS R99	One 2 One	Approved in principle, needs a resulting CR
S1-010424	Discussion on 3G TS 22.140 V4.1.0	SONY	Decided to provide a CR to implement the request
S1-010425	Enhancements to 22.141 (Presence)	Comverse	Revised
S1-010426	Roaming restrictions based on allowed service	Alcatel	Dealt with in the Network Selection ad hoc; Noted
S1-010427	Roaming restrictions based on allowed service	Alcatel	Dealt with in the Network Selection ad hoc; Withdrawn
S1-010428	Roaming restrictions based on allowed service	Alcatel	Dealt with in the Network Selection ad hoc; Withdrawn
S1-010429	Service capability features in the IMS Subsystem	Alcatel	Dealt with in IMS ad hoc; Noted in ad hoc
S1-010430	Not covered roaming situations	France Telecom	Dealt with in the Network Selection ad hoc; Noted
S1-010431	Selective roaming 2G-3G	France Telecom	Dealt with in the Network Selection ad hoc; Noted
S1-010432	Equivalent PLMNs and Network Selection	France Telecom	Dealt with in the Network Selection ad hoc; Withdrawn
S1-010433	Equivalent PLMNs and Network Selection	France Telecom	Dealt with in the Network Selection ad hoc; Withdrawn
S1-010434	GTP Security Issue	France Telecom	To be submitted by France Telecom to SA3
S1-010435	User Profiles	Ericsson LM	Supported in principle, Interested people should get together and make a concrete proposal; resulted in LS in 570
S1-010436	Priority selection criteria of calls in a multicall	Nokia	Revised
S1-010437	Priority selection criteria of calls in a multicall	Nokia	Revised/withdrawn

S1-010438	Clarification of CPHS CFU Indication	One2one	agreed to be sent to SA #12 for approval.
S1-010439	LS on Maximum number of LCS Clients in LCS Rel-4	Lucent	Approved
S1-010440	LS Concerning Mobile Device Management	Motorola	Approved
S1-010441	Basic IMS Service Examples	BT Cellnet	Dealt with in IMS ad hoc; Noted. To be included and revised at 22.041 in 451 with 499.
S1-010442	Priority selection criteria of calls in a multicall	SA1	Withdrawn, waiting a LS from CN1
S1-010443	CR to 31.102-073	T	Noted; Used for background information to Network selection ad hoc
S1-010444	CR to 31.102-074	T	Noted; Used for background information to Network selection ad hoc
S1-010445	Proposed changes to GTT Stage 1 TS 22.226	Ericssson	Noted
S1-010446	IMS ad hoc agenda	Chair	Dealt with in IMS ad hoc; Agreed
S1-010447	Local services	IMS ad hoc	Dealt with in IMS ad hoc; Noted. It was agreed that there is need to support local services. The issue will be further studied within 22.941.
S1-010448	Response LS on Voice Bearer Intereworking	IMS ad hoc	Dealt with in the IMS ad hoc; Revised
S1-010449	Reply to 404 "LS IM subsystem tones and announcements"	Nokia / ad hoc group	Dealt with in the IMS ad hoc; Revised
S1-010450	Minutes	Chair	Revised
S1-010451	TR 22.941 IP based multimedia service framework v. 0.2.1	IMS ad hoc group (SBC)	Directly to SA1, not seen by ad hoc.Inputs to be made by end of May, new version of 22.941 should be provided by a week later
S1-010452	LS reply on (IP multimedia charging principles) reply to 382	BT/ad hoc group	Noted, revised at S1-010534.
S1-010453	CR to 22.228 on redirect (rev of 385)	BT	Directly to SA1, not seen by ad hoc; Agreed to be sent to SA #12 for approval
S1-010454	Reply to LS at S1-010290 on Roaming.	BT	Noted. Further contributions expected. Rejected, document not agreed in IMS adhoc.
S1-010455	CR 22.228 - Capability of the IM CN Subsystem to present the identity of connected-to party	IMS ad hoc	Agreed, to be present to SA1; Agreed to be sent to SA #12 for approval
S1-010456	Privacy, Trust and Availability discussion	Openwave	Noted in the Presence

		Systems Inc.	Adhoc
S1-010457	Privacy and Security additions to Stage 1	Openwave Systems Inc.	incorporated into S1-010478 by the PRESENCE adhoc
S1-010458	Generic improvements to stage 1	Openwave Systems Inc.	Dealt with in Presence ad hoc; Postponed to next adhoc
S1-010459	Service provisioning additions to stage 1	Openwave Systems Inc.	Dealt with in Presence ad hoc; Postponed to next adhoc
S1-010460	Clarification of PDP context QoS change notification to the CSE (CAMEL3)	Lucent Technologies	Agreed to be sent to SA #12 for approval
S1-010461	Clarification of PDP context QoS change notification to the CSE (CAMEL3)	Lucent Technologies	Agreed to be sent to SA #12 for approval
S1-010462	Meeting Report of SA1 CAMEL Ad Hoc 8th May 2001	Rapporteur 22.078	Approved
S1-010463	Clarification of CPH requirements (CAMEL4)	Vodafone Group Plc	Agreed to be sent to SA #12 for approval
S1-010464	Location information during an ongoing call (CAMEL4)	Siemens AG	Agreed to be sent to SA #12 for approval
S1-010465	Introduction of charging requirements for CPH into 22.078 (CAMEL4)	AlcatelWithdrawn	Withdrawn
S1-010466	Enhance ATI operation (CAMEL4) - GPRS Location	Huawei Technologies	Agreed to be sent to SA #12 for approval
S1-010467	Enhance ATI operation (CAMEL4) - PDP Context information	Huawei Technologies	Noted for now.Could be a useful idea for the future but work on Presence is not mature enough to agree this CR now.
S1-010468	Proposed LS to CN2 on CPH charging requirements	Alcatel/Ad HocWithdrawn	Revised
S1-010469	Proposed LS to CN2 on CPH charging requirements	Alcatel/Ad Hoc	Approved
S1-010470	Report of UE Functionality Split Adhoc	UE ad hoc	Approved
S1-010471	Draft Liaison Statement on UE Functionality Split	UE ad hoc	Revised
S1-010472	Privacy, Trust and Availability	ST 180	Noted
S1-010473	CS / PS services and the Presence Service	Motorola	Incorrectly allocated; withdrawn
S1-010474	Enhancements to 22.141 (Presence)	Presence ad hoc	Dealt with in Presence ad hoc; Postponed to next adhoc
S1-010475	Privacy, Trust and Availability discussion	Presence ad hoc	Dealt with in Presence ad hoc; Withdrawn
S1-010476	CS / PS services and the Presence Service	Presence ad hoc	Dealt with in Presence ad hoc; Postponed to next adhoc
S1-010477	Presence Service; Stage 1 V 0.1.0	Presence ad hoc	Dealt with in Presence ad hoc; Postponed to next adhoc
S1-010478	Presence Service; Stage 1 V 0.2.0	Presence ad hoc	Agreed to be sent to SA#12 for approval,

			but needs cover sheet
S1-010479	Proposed Presence Service work plan	Presence ad hoc	Approved, to be put into the project plan
S1-010480	Presence Adhoc session Minutes – 8th/9th May 2001	Presence ad hoc	Approved, to be put into the meeting report
S1-010481	Presence Service	Presence ad hoc	To be included for information on the front sheet of 573
S1-010482	Unallocated		Not used
S1-010483	Unallocated		Not used
S1-010484	Unallocated		Not used
S1-010485	Unallocated		Not used
S1-010486	Unallocated		Not used
S1-010487	Unallocated		Not used
S1-010488	Unallocated		Not used
S1-010489	Unallocated		Not used
S1-010490	Unallocated		Not used
S1-010491	Unallocated		Not used
S1-010492	Service Provider name reintroduction	PLMN Selection ad hoc	Agreed by ad hoc and sent to the SA1 plenary and agreed to be sent to SA #12 for approval
S1-010493	Report of PLMN selection ad hoc	PLMN Selection ad hoc	Revised
S1-010494	Location Update Rejection clarification	PLMN Selection ad hoc	Agreed by ad hoc and sent to the SA1 plenary and agreed to be sent to SA #12 for approval
S1-010495	Location Update Rejection clarification	PLMN Selection ad hoc	Agreed by ad hoc and sent to the SA1 plenary and agreed to be sent to SA #12 for approval
S1-010496	Service Provider name	PLMN Selection ad hoc	Agreed by ad hoc and sent to the SA1 plenary
S1-010497	Enhancement of Broadcast and introduction of Multicast	Omnitel/Vodafone	Revised to 509
S1-010498	Background Scanning for PLMNs	Motorola	Revised
S1-010499	IP Based MultiMedia Services Framework Specification; Stage 1 V0.2.0 (Merged)	SBC	Noted. Revised with 441 to S1-010451.
S1-010500	Report of Streaming ad hoc	Streaming ad hoc	Approved, it will be put in the annex of the report
S1-010501	LS to SA4 on Streaming WID	Streaming ad hoc	Approved
S1-010502	Streaming heebejebee Service	Streaming ad hoc	Agreed in principle
S1-010503	Streaming heebejebee Service	Streaming ad hoc	Agreed in principle
S1-010504	Replacement of references to 23.121 for R4 onwards	Rapporteur	Dealt with in the IMS ad hoc; Directly to

			SA1, not seen by ad hoc. Agreed to be sent to SA #12 for approval
S1-010505	Replacement of references to 23.121 for R4 onwards	Rapporteur	Dealt with in the IMS ad hoc; Directly to SA1, not seen by ad hoc. Agreed to be sent to SA #12 for approval
S1-010506	Indication of Key identification	Vodafone	Same as 419
S1-010507	Service Provider name	PLMN Selection ad hoc	Agreed by ad hoc and sent to the SA1 plenary
S1-010508	Draft Minutes	Broadcast ad hoc	Approved
S1-010509	Replaced WI description for Broadcast/Multicast	Broadcast ad hoc	Revised
S1-010510	Draft minutes	Siemens	Approved, to be included in the report
S1-010511	Draft TR 22.xxx Broadcast/Multicast stage 1 description	Broadcast ad hoc	Noted, to be discussed and put on email approval on 22nd May
S1-010512	Proposed WI description for Broadcast/Multicast	Broadcast ad hoc	Agreed in principle but revised
S1-010513	Background Scanning for PLMNs	Motorola	Agreed by ad hoc and sent to the SA1 plenary and agreed to be sent to SA #12 for approval
S1-010514	Background Scanning for PLMNs	Motorola	Agreed by ad hoc and sent to the SA1 plenary and agreed to be sent to SA #12 for approval
S1-010515	Service Provider Name	One2one	Noted in PLMN selection ad hoc
S1-010516	Default value for background scanning timer	One2one	Agreed by ad hoc and sent to the SA1 plenary and agreed to be sent to SA #12 for approval
S1-010517	Default value for background scanning timer	One2one	Agreed by ad hoc and sent to the SA1 plenary and agreed to be sent to SA #12 for approval
S1-010518	LS to CN1 on 3 digit MNC and new MCCs	PLMN Selection ad hoc	To be presented at SA1 plenary; Approved
S1-010519	GPRS operator preferences for 3G Rel-4	Vodafone	Noted; see CRs in 526, 527
S1-010520	Draft TR on Requirements for UE Funtionality Split	Nortel Networks	Dealt with in UE ad hoc; Noted in SA1
S1-010521	Simplified Push Requirements	BT	Noted by the PUSH ad hoc
S1-010522	Proposed changes to draft TS on PUSH Services	Ericsson	Noted by the PUSH

			ad hoc
S1-010523	Report of PUSH ad hoc	Push ad hoc	Approved, to be put into the report of this meeting
S1-010524	LS on the scope of Push service	Push ad hoc	Revised
S1-010525	LS "Request For Clarification on Account Transaction History"	Siemens	Approved with 530
S1-010526	SIM/USIM on the storage of configuration parameters	Vodafone	Stephan, Paul, Randy and Iain to get together, Withdrawn
S1-010527	SIM/USIM on the storage of configuration parameters	Vodafone	Stephan, Paul, Randy and Iain to get together, Withdrawn
S1-010528			Un allocated
S1-010529	Response LS on Voice Bearer Intereworking	IMS ad hoc	Dealt with in the IMS ad hoc; Directly to SA1, not seen by ad hoc; Approved by SA1
S1-010530	Detailed requirements for transaction history retrieval	Siemens	Agreed to be sent to SA #12 for approval
S1-010531	CR on Decoupling the OSA API	Nortel Networks	Agreed to be sent to SA #12 for approval
S1-010532	Privacy, Trust and Availability	STF 180	Dealt with in Presence ad hoc; Noted
S1-010533	Reserved for IMS	IMS ad hoc	Dealt with in the IMS ad hoc; Directly to SA1, not seen by ad hoc; Approved in SA1
S1-010534	IP multi-media charging principle	SA1	Dealt with in the IMS ad hoc; Directly to SA1, not seen by ad hoc; Revised in SA1
S1-010535	RE: Display of service provider name (ref : S1-010381/T3-010322)	T3	Noted, see CRs in 492, 596, 507 and reply in 557
S1-010536	Version 1.1.0 of 22.226 of GTT	Nortel	Agreed to send this to SA #12 for approval
S1-010537	Subscription and Provisioning	Siemens	Agreed to send this to SA #12 for approval
S1-010538	Subscription and Provisioning	Siemens	Agreed in principle but revised
S1-010539	Modified proposed reply LS on Terminal Capabilities	Siemens	Approved
S1-010540	Removal Bearer modification without pre-modification from 22.001	Siemens	Agreed to be sent to SA #12 for approval
S1-010541	Removal Bearer modification without pre-modification from 22.101	Siemens	Agreed to be sent to SA #12 for approval; subsequently revised to correct the spec number
S1-010542	Removal Bearer modification without pre-modification from 22.129	Siemens	Revised
S1-010543	CR 22.078-xxx on "Clarification of CUG requirements" (CAMEL3, R99, Category F, version 3.7.0)	Vodafone	Agreed to be sent to SA #12 for approval
S1-010544	LS on (Equivalent) "PLMN identity" terminology	TSG-RAN WG2	Approved with change to source (SA1) and

			with 299 included.
S1-010545	LS on the scope of Push service	Ericsson	Approved
S1-010546	WI for Rel-5 on Prepay real-time charging in the IM subsystem	Ericsson	Revised
S1-010547	Report of PLMN selection ad hoc	PLMN Selection ad hoc	Approved, it will be put in the annex of the report
S1-010548	Minutes	Chair	The report was approved
S1-010549	Service Provider name	Orange	Revised
S1-010550	Removal of Graphic display	Orange	Revised
S1-010551	Draft Liaison Statement on UE Functionality Split	Nortel Network	Revised
S1-010552	Bearer modification without pre-modification	Siemens	Withdrawn; this is not required
S1-010553	Bearer modification without pre-modification	Siemens	Agreed to be sent to SA #12 for approval
S1-010554	RE: Display of service provider name (ref : S1-010381/T3-01032, S1-010535)	ad hoc	Approved in principle, with the addition of the CR if approved
S1-010555	Introduction of online charging for prepaid services	22.115 Rapporteur	Revised on line
S1-010556	WI for Rel-5 on Prepay real-time charging in the IM subsystem	Ericsson	Approved
S1-010557	RE: Display of service provider name (ref : S1-010381/T3-01032, S1-010535)	ad hoc	Approved; response in 581
S1-010558	Service Provider name	Orange	Revised
S1-010559	LS T3 on GPRS parameters	Vodafone	Revised
S1-010560	Subscription and Provisioning	Siemens	Agreed to be sent to SA #12 for approval
S1-010561	Request for clarification on the fax service in UMTS R99	One 2 One	Agreed to be sent to SA #12 for approval
S1-010562	Removal of Voice Group Service	Lucent	Revised
S1-010563	Removal of Voice Group Service	Lucent	Agreed to be sent to SA #12 for approval
S1-010564	Discussion on 3G TS 22.140 V4.1.0	SONY	Revised
S1-010565	LS T3 on GPRS parameters	Vodafone	Approved
S1-010566	Addition of GPRS parameters	Vodafone	Noted as work in progress
S1-010567	CR to 21.905 on Definitions in 22.101 subscription and service provider	One2one	Revised
S1-010568	Bearer modification without pre-modification	Siemens	Forwarded to CAMEL ad hoc; Agreed to be sent to SA #12 for approval
S1-010569	Reply to LS at S1-010290 on Roaming.	Motorola	Approved
S1-010570	LS regarding User Profile	Ericsson	Revised
S1-010571	Addition of GPRS parameters	Vodafone	Noted as work in progress
S1-010572	Introduction of online charging for prepaid services	22.115 Rapporteur	Agreed to be sent to SA #12 if WI in xxx is approved
S1-010573	Version 1.0.0 of 22.121 on presence service	Motorola	Agreed to be sent to SA #12 for approval
S1-010574	Subscription and Provisioning	Siemens	Agreed to be sent to SA #12 for approval
S1-010575	Draft Liaison Statement on UE Functionality Split	Nortel Network	Approved

S1-010576	Streaming heebejebee Service	Streaming ad hoc	Agreed to be sent to SA #12 for approval
S1-010577	Streaming heebejebee Service	Streaming ad hoc	Agreed to be sent to SA #12 for approval
S1-010578	Proposed WI description for Broadcast/Multicast	Broadcast ad hoc	Agreed to be sent to SA #12 for approval
S1-010579	Response to LS (S3-010128) on the Elaboration of KEY IDENTIFICATION EVENT	T3	Noted
S1-010580	Rejection of 2G Authentication and Key Agreement by 3G ME with USIM in UTRAN	T3	Note delegates to consider what to do with it
S1-010581	RE: Display of service provider name (ref : S1-010557/T3-010383)	T3	Noted, response in 585
S1-010582	CR to 21.905 on Definitions in 22.101 subscription and service provider	One2one	Agreed to be sent to SA #12 for approval
S1-010583	Discussion on 3G TS 22.140 V4.1.0	SONY	To be sent to T2 for comments
S1-010584	IP multi-media charging principle	SA1	Approved in SA1
S1-010585	Reponsed to LS on Display of service provider name (ref : S1-010557/T3-010383)	Orange	Revised
S1-010586	Removal of Graphic display	Orange	Agreed to be sent to SA #12 for approval
S1-010587	Reponsed to LS on Display of service provider name (ref : S1-010557/T3-010383)	Orange	Approved
S1-010588	Bearer modification without pre-modification	Siemens	Agreed to be sent to T3, If ok then it will be sent to SA #12 for approval. If there is a problem then see email
S1-010589	Service Provider name	PLMN Selection ad hoc	Agreed to be sent to SA #12 for approval
S1-010590	Removal of Voice Group Service	Lucent	Agreed to be sent to SA #12 for approval
S1-010591	LS regarding User Profile	Ericsson	Approved
S1-010592			
S1-010593			
S1-010594			
S1-010595			

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ANNEX C – Reports of ad hocs

IMS ad hoc	Camel ad hoc	UE Functionality Split Adhoc	Presence ad hoc	Streaming ad hoc
S1-010548.doc	S1-010462.doc	S1-010470.doc	S1-010480.doc	S1-010500.doc

Broadcast MM ad hoc	Push ad hoc	Network Selection ad hoc
S1-010510.doc	S1-010523.doc	S1-010493.doc

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