3GPP TSG CN Meeting #27 **NP-050059**
9th - 11th March 2005. Tokyo, Japan.

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Agenda item: 6.1.1

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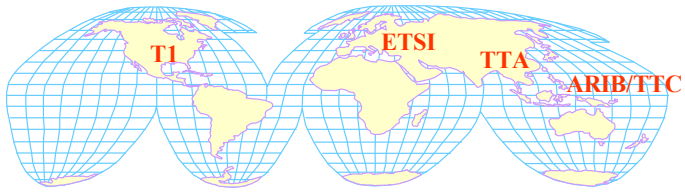

Third Generation Partnership Project

Meeting Report v1.2.0
for
3GPP TSG CN WG 1
Meeting #37

Sydney, Australia
14th – 18th February 2005.

Hosted by

NTT DoCoMo, Vodafone group, Fujitsu and NEC

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1 Opening

The meeting was opened on Monday 14th February 2005 at 9:00 by CN1 Chairman Mr. Hannu Hietalahti.

IPR rights were asked to be disclosed according to respective organizations IPR policies. Individual Members should declare at the earliest opportunity, any IPRs which they believe to be essential, or potentially essential, to any work ongoing within 3GPP.

The attention of the members of this Technical Specification Group is drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.
The members take note that they are hereby invited:
- to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
- to notify the 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 (e.g. see the ETSI IPR forms http://webapp.etsi.org/Ipr/).

2 Agenda & Reports

N1-050001 **Agenda**
Type: **Agenda**
Source: **CN1 chairman**
Discussion: This is the living document and will be updated during the meeting, but will not be provided with a new document number.
Status: **APPROVED**

3 Input Liaison statements

N1-041977 **Support of Conversational Services in A/Gb Mode via the PS Domain**
Type: **LS IN**
Source: **GERAN**
Discussion: This LS was forwarded from CN1 #36 to CN1 #37
The other groups are requested to comment on GERAN TS 43.129 on packet switched handover in A/Gb mode. GERAN estimates that this work will impact 23.060, 24.007, 24.008, 44.064 and 44.065, so also CN1 CRs are needed.
Stage 2 and stage 3 documents that are under CN1 control will be affected. Ericsson will prepare CRs that are not available yet. Discussion paper from Ericsson is available in N1-050210. The discussion paper proposes how to implement what was requested by GERAN.
Status: **NOTED, reply LS will be in N1-050269**

N1-042013 **Reply LS on Key change at Inter-RAT handover**
Type: **LS IN**
Source: **RAN2**
Discussion: This LS is forwarded from CN1 #36 to CN1 #37.
RAN2 replies to LS N1-040501 and their recommendation is not to make any change in this area: It is believed by RAN2 that to introduce this change now would lead to many UEs which are using the current version of the specifications to suffer more problems whenever the proposed behaviour will occur.

It is also noted that because the situation raised does not exist in current network deployments, the impact of not accepting this change will be minimal.
CN1, CN4 and SA3 specifications are are already aligned. RAN2 specification is not aligned.

Status: **NOTED, Reply in N1-050270.** Related CN and SA CRs have already been approved in plenary. CN1 will inform RAN2 to consider that CN and SA specifications are alligned.

N1-042014 LS on MBMS Information Elements over Iu interface
Type: **LS IN**
Source: **RAN3**
Discussion: This LS is forwarded from CN1 #36 to CN1 #37.
RAN3 intends to encode *MBMS PTP RAB ID* IE in RANAP as a unique identifier of MBMS PTP radio bearer for a particular UE. The value is used in the RNC to relate MBMS PTP Radio Bearers to a MBMS RAB.
The element contains binary representation of the NSAPI. This identifier is coded in the PTP RAB ID element as BIT STRING (8) in accordance with the coding of the NSAPI IE in TS 24.008.
► RAN3 would be glad to receive confirmation from RAN2 and CN1 about consistent coding and handling of this IE in TS 24.008 and TS 25.331.

IP Multicast Address and APN IEs should remain transparent in RAN. Thus they should be coded in RANAP as transparent container i.e. OCTET STRING.
► RAN3 would to ask CN1 and CN4 whether these IEs have fixed length and where their coding is described.

N1-050007 contains CN4 response to this LS. There was no objection to proposed coding.
Status: **NOTED, reply LS in N1-050271.**

N1-042093 3rd party registration and shared public user identities
Type: **LS OUT**
Source: **SA2**
Discussion: SA2 would like to design a mechanism where the AS could see from the REGISTER request alone whether or not the IMPU is already registered to avoid having to subscribe to registration state. This could be achieved by
- adding contact information in the 3rd party registration (alternative 1) or
- ensuring that the AS only receives de-registration when all the registrations it needs to be aware of are de-registered.

CN1 is requested to answer if either of these can be achieved in backwards compatible manner.

Related contributions are in N1-050084 and N1-050085 (Siemens). Alternative solution is described in the discussion paper. During the discussion on LS, second alternative solution was proposed by Lucent.
Status: **NOTED, Reply LS in N1-050272 which is AGREED**

N1-042094 Security aspects of Early IMS Systems
Type: **LS IN**
Source: **SA2**
Discussion: Forwarded from CN1 #36 to CN1 #37. The LS is copied to CN1 and it contains SA2 comments on early IMS TR 33.878 to SA3. No CN1 action is needed. TR 33.878 is provided to this meeting for comments.
Status: **NOTED**

N1-042096 The relationship between Scenario 2 and Scenario 3 authentication procedures
Type: **LS IN**
Source: **SA2**
Discussion: Forwarded from CN1 #36 to CN1 #37. CC to CN1. SA2 does not see any architectural issues with the use of a temporary identifier shared between the 3GPP AAA Server and the WLAN UE during WLAN Access Authentication (aka Scenario 2 authentication) and they don't see any interaction with scenario 3 authentication.
Status: **NOTED**

N1-050003 Reservation of two new sub domains under ".3gppnetwork.org"
Type: LS IN
Source: CN4
Discussion: This LS is outdated, and the CRs were not approved by the CN plenary, based on GSMA IREG LS request not to use the non-routable NAI, which recommendation has also been subsequently re-considered (N1-050004).
There is a later LS from GSMA IREG in N1-050070.
Status: NOTED

N1-050004 LS to 3GPP on IPv4/v6 IMS roaming and interworking
Type: LS IN
Source: GSMA IREG Packet
Discussion: This LS is GSM IREG reply to N1-050003. This LS was already seen in TSG CN plenary, and consequently both CN1 and CN4 CR on alternative NAI definition and use were forwarded back to WG.
GSMA IREG Packet asks 3GPP CN to carry out a thorough investigation of the various DNS failure scenarios and traffic load increases, and also to investigate alternative ways of implementing this functionality.There is no CN1 action on this.
Status: NOTED

N1-050005 Response LS to GSMA IREG on Reservation of two new sub domains under ".3gppnetwork.org"
Type: LS IN
Source: TSG CN
Discussion: This LS asks both GSMA IREG and SA1 to reconsider their position in WLAN alternative NAI discussion, as without any change in either group the CN WGs can not proceed on their own. SA1 has subsequently decided not to change the requirements on manual WLAN PLMN selection and GSMA IREG has reconsidered their objection.
There is a related CR in N1-050200.
Status: NOTED

N1-050006 LS to CN1: S-CSCF client address comparisons and their affect on de-registrations
Type: LS IN
Source: CN4
Discussion: At Multimedia authentication the HSS needs to know whether the S-CSCF for the user has changed or not, and this comparison is based on the SIP-URI of the S-CSCF. The RFC 3261 comparison rules treat SIP-URIs different even if only the port numbers are different. Therefore CN4 asks if it is possible that the client port number in S-CSCF name can change?
There was an opinion that SIP URI matching rules shall be followed. CN1 should make aware CN4 that we should stick to RFC requirements.
Lucent finds that we should only answer to CN4 whether port numbers can ever change? It was questioned in CN1 what would be reason for change of port numbers. There was also related CN4 CR.
Status: NOTED, reply LS in N1-050273

N1-050007 Reply LS on MBMS Information Elements over Iu interface
Type: LS IN
Source: CN4
Discussion: This is CN4 reply to RAN2 question on MBMS IEs over Iu interface. The LS was only copied to CN1.
Status: NOTED

N1-050008 Reply on LS on GERAN Assumptions on common MBMS Information Elements
Type: LS IN
Source: SA2
Discussion:
Status: eplaced by later version of the LS in N1-050011

N1-050009 LS on CRs needed for Circuit Switched Voice-Video Switching
Type: **LS IN**
Source: **SA2**
Discussion: SA2 has sent the attached voice-video switching TR 23.903 to TSG SA for approval and request the other groups to study their corresponding CRs. CN1 and GERAN are requested to study service based handover to solve the remaining problems.

There were concerns that CN1 should not open new work items for Rel-6 in this meeting, but complete the existing ones. It was the understanding of the originator of the document N1-050143 that this is the only CR that is needed in CN1. It was questioned whether SA2 intends to draft any normative CRs, not only TR?
SA2 expects from CN1 to issue needed CRs to their specification. It was commented that 23.009 would also be affected.
How comprehensive changes will be needed? List of CRs required for other specifications are listed in Annex A. We should decide what is in Rel-6 and what is in Rel-7. All CRs will be presented in forthcoming meetings.
There is at least one more CR identified to 23.009.
Status: **NOTED**

N1-050010 Reply LS on MBMS Information Element coding
Type: **LS IN**
Source: **SA2**
Discussion: This is the SA2 reply to RAN3 and CN3 on MBMS information element encoding. It was only copied to CN1.
Status: **NOTED**

N1-050011 Reply on LS on GERAN Assumptions on common MBMS Information Elements
Type: **LS IN**
Source: **SA2**
Discussion: This LS is SA2 reply to GERAN2 on MBMS information elements. It was only copied to CN1.
Status: **NOTED**

N1-050012 Reply LS on Revisiting forwards compatibility towards TLS based access security
Type: **LS IN**
Source: **SA2**
Discussion: SA2 replies to SA3 LS on forward compatibility towards TLS based access security. It was only copied to CN1.
Status: **NOTED**

N1-050013 LS on the ACBOP TR 23.898 current status
Type: **LS IN**
Source: **SA2**
Discussion: Later version of this LS is in N1-050262.
Status: **NOTED**

N1-050014 Reply LS on MBMS information elements
Type: **LS IN**
Source: **N3**
Discussion: This is CN3 reply to RAN2 and GERAN2 on MBMS information elements. No action on CN1 requested.
Status: **NOTED**

N1-050015 LS on completion of network initiated SCUDIF support
Type: **LS IN**
Source: **N3**
Discussion: CN3 replies to RAN3 on completion of network initiated SCUDIF support.

Status: **NOTED**

N1-050016 **LS on Cooperation on TISPAN NGN supplementary services**
Type: **LS IN**
Source: **N3**
Discussion: CN3 replies to ETSI TISPAN on NGN supplementary services.
Status: **NOTED**

N1-050017 **Reply LS on AS- NAS interaction on MBMS service priorities**
Type: **LS IN**
Source: **RAN2**
Discussion: RAN2 replies to GERAN2 on AS / NAS interaction on MBMS priorities.
Status: **NOTED**

N1-050018 **LS on NAS signalling load at MBMS Session Start/Stop**
Type: **LS IN**
Source: **RAN2**
Discussion: N1-050260 is the response to this LS from SA2.
- RAN2 request feedback from SA2 and CN1 on whether there are any NAS level mechanisms to restrict the number of UEs that initiate NAS signalling simultaneously due to non-MBMS service activation/re-activation or de-activation,

- RAN2 request feedback from SA2 and CN1 on whether they expect AS level mechanisms to be used to reduce peak SGSN load during MBMS counting.
Status: **NOTED, reply in N1-050274 after studying SA2 reply**

N1-050019 **Reply LS (to N1-042069) on Selected PLMN and Network Sharing**
Type: **LS IN**
Source: **RAN2**
Discussion: RAN2 asks for CN, CN1 and SA1 guidance on the use of “selected PLMN”. This LS was discussed in a breakout meeting during TSG CN plenary in December with a decision that RAN groups will change their definition of “selected PLMN” and “suitable cell” to match the traditional use of the terms in GERAN and CN, so there is no action for CN1. It was noticed that the existing, very old GERAN definition of “suitable cell” may not any more strictly reflect the intended requirement, so GERAN will also study if their definition needs to be changed or not.
Status: **NOTED**

N1-050020 **Reply to LS on definition of RAT**
Type: **LS IN**
Source: **T3**
Discussion: This LS is T3’s reply to the SA1 initiated discussion on the radio access technology terminology. No CN1 action is needed, CN1 already replied on the topic.
Status: **NOTED**

N1-050021 **LS on introduction of EHPLMN data field**
Type: **LS IN**
Source: **T3**
Discussion: T3 informs CN1 that they have added the EHPLMN data file on USIM as a new EF, that does not contain the IMSI derived HPLMN, but does contain the additional home PLMNs. They request CN1 to notice this for further work. Some CN1 CRs have already been treated on this issue, but are there any open items now?

In 23.122 CRs were agreed that the new EF can contain IMSI derived HPLMN. This is not in line with T3 LS. Either CN1 shall change TS 23.122, or ask T3 to align their specification. The related CN1 CR is N1-042123 which was approved as r7 in CN-26.
In document N1-050101, there is minor change related to this topic, the last outstanding CN1 task to add EHPLMN to the specifications.
Status: **NOTED**

N1-050022 Reply to TISPAN on Workshop on "IMS over Fixed Access"
Type: LS IN
Source: SA
Discussion: TISPAN proposes the second IMS over fixed network workshop, and SA plenary is also in favour of this proposal. Tentative dates have been set on March 30-31, 2005.
This workshop is closely related with the CN1 task on IMS enhancements for NGN, and the companies are requested to keep this in mind when considering their participation.
The invitation to the meeting was distributed on the CN1 email reflector before the meeting.
Status: NOTED

N1-050023 LS on Application Charging ID for PoC
Type: LS IN
Source: SA5
Discussion: SA5 is making ACID (Application Charging ID) part of normative Rel-6 specification in TS 32.260 upon request from OMA PoC group. This information needs to be transferred between the network elements and CN1 needs to add ACID to CN1 procedures, or if that is not possible, then inform SA5 and OMA PoC on the reasons.
CN1 action is needed on this issue. Response from SA2 is in N1-050255.
The current version of the specification contains this information in informative annex. CN1 should request more information from SA5, before any action is taken.
Status: NOTED, CN1 reply is in N1-050371

N1-050024 LS on Control of simultaneous accesses for WLAN 3GPP IP access
Type: LS IN
Source: SA3
Discussion: There was an opinion that there is no impact on CN1 specifications, therefore no CN1 action is needed in the area of this LS.
It was suggested that CN4 would be more appropriate group to address this issue and there is also a contribution to this meeting in CN4.
Status: NOTED

N1-050025 LS Request for advise on handling IETF draft for Rel-6
Type: LS IN
Source: SA3
Discussion: SA3 asked SA plenary to take a decidions on how to handle a dependency of an optional functionality on an IETF draft for Rel-6.
There is a CN1 related CR in N1-050242 and it should be treated by the plenary meeting as a conditional CR on the condition that the corresponding SA3 CR is also approved.
Status: NOTED

N1-050026 LS on impacts of early IMS security mechanisms
Type: LS IN
Source: SA3
Discussion: SA3 replies to SA2 on the security of early IMS. This LS is related with the CN1 review of the early IMS TR. This LS was copied to CN1; no action from CN1 needed.
Status: NOTED

N1-050027 Reply to LS on The relationship between Scenario 2 and Scenario 3 authentication procedures
Type: LS IN
Source: SA3
Discussion: SA3 replies to CN4 on the relationship between scenario 2 and scenario 3 authentication procedures.
Status: NOTED

N1-050028 Reply to LS on Optimisation of Voice over IMS
Type: LS IN
Source: SA4

Discussion: SA4 replies to CN1 LS N1-041518 on optimisation of voice over IMS. SA4 does not consider that the referenced change request for voice over IP optimization has any RTP stack implementation impact if RFC 3556 support is correctly implemented.
Status: **NOTED**

N1-050029 Reply on "LS on MBMS Security finalisation"
Type: **LS IN**
Source: **SA4**
Discussion: SA4 asks SA3 opinion on MBMS and the attached security related draft TS 26.346. There are questions for SA3 embedded in the editor's notes of the attached TS.
Status: **NOTED**

N1-050030 LS on Session Repetition
Type: **LS IN**
Source: **SA4**
Discussion: SA4 replies to SA2, RAN3 and GERAN on MBMS session repetition.
Status: **NOTED**

N1-050031 LS Response on LS on Indication of Selected CN operator in connected mode in Shared Networks
Type: **LS IN**
Source: **RAN3**
Discussion: RAN3 replies to SA2 LS on indication of selected CN operator in connected mode in shared networks. RAN3 has made the changes corresponding to SA2 CR 8 on TS 23.251 and provide the changes for SA2 for review and request CN4 to check if they need to make any changes in their specifications.
Status: **NOTED**

N1-050032 Reply LS (to N1-041944) on AS-NAS interaction for MBMS
Type: **LS IN**
Source: **RAN2**
Discussion: RAN2 replies to CN1 LS N1-041944 on AS-NAS interaction of MBMS. They would like CN1 to:

- specify the mapping of the appropriate NAS procedure (i.e. Service request with service type "MBMS notification response") to the new cause value
- explain more thoroughly what we meant with our comment on static MBMS bearer capabilities of the terminal
- to confirm, together with SA2, whether the RAN2 understanding that the NAS protocols are not involved with the TMGI for broadcast services is correct

Proposed reply is in N1-050206 (proposed CR is in N1-050207).
Status: **NOTED**

N1-050033 Reply LS on Session Repetition (S4-040841)
Type: **LS IN**
Source: **RAN2**
Discussion: RAN2 replies to LS from SA4 on session repetition.
Status: **NOTED**

N1-050034 Reply LS on the ACBOP TR 23.898 current status
Type: **LS IN**
Source: **RAN2**
Discussion: RAN2 has reviewed the ACBOP TR 23.898 and give SA2 the following comments:

- Broadcasting NRIs may complicate the BCCH scheduling
- it is not possible for the access stratum to block a service specific access which is barred if it is requested immediately after another service specific access which is allowed in the same domain

The LS was only copied to CN1.
Status: **NOTED**

N1-050035 Reply LS on the PS Handover work
Type: LS IN
Source: RAN2
Discussion: RAN2 asks CN1 to study and reply on RoHC context relocation. RAN2 currently assume that header compression contexts will not be transferred to the target system during PS handover, and therefore the context will need to be re-established. Can GERAN2 and CN1 confirm the following assumptions:

- Lossless handover and SRNS relocation is not needed
- The RoHC contexts can be re-established after PS HO

It was agreed that both assumptions are correct.
Status: NOTED, reply in N1-050276

N1-050036 Response LS on the PS Handover Work
Type: LS IN
Source: RAN3
Discussion: RAN3 asks several questions from GERAN on the PS handover work
Status: NOTED

N1-050037 Response LS on IP multimedia group management and messaging capabilities
Type: LS IN
Source: SA1
Discussion: SA1 is working on the IP multimedia GM and messaging capabilities. They want CN and CN1 to comment if they can accept the following:

- SA1 does not see any benefits in re-organising the GM stage 1 to 22.141, 22.228 and 22.340, so they didn't do it as it was not seen trivial
- SA1 has had the requirement for Iscomposing for a while, and they consider it still valid and did not remove the requirement
- SA1 did also consider the list management requirement, and it was also considered still valid, so there were no changes in this area of stage 1 requirements either

SA1 encouraged the companies that have put these requirements in stage 1 to complete the work in the other groups but understands that in the absence of contributions the requirements can't be met in Rel-6.
There are two contributions in N1-050132 and N1-050133 in attempt to cover the requirements in the second and the third bullet.
Status: NOTED, reply in N1-050277 which is AGREED

N1-050038 Reply to LS on NAS signalling load at MBMS Session Start/Stop
Type: LS IN
Source: SA1
Discussion: SA1 replies to RAN2 on NAS signalling load at MBMS session start and stop. SA1 considers the concerns on signalling load at MBMS session start and stop as valid ones.
Status: NOTED

N1-050070 Reply LS to LS on "Reservation of two new sub domains under '.3gppnetwork.org'" from 3GPP TSG CN (NP-040622)
Type: LS IN
Source: GSMA IREG
Discussion: GSMA has reconsidered the use of alternative NAI and can now accept it but request a more appropriate name for the realm part of the non-routable NAI.
The related CR is in N1-050200.
Status: NOTED

N1-050071 About the Workshop on "IMS over Fixed Access" (30-31 March 2005)
Type: LS IN
Source: ETSI TC-TISPAN
Discussion: ETSI TISPAN acknowledges the proposed workshop on NGN issues on the 30 – 31 March 2005. They propose some hot topics for the agenda, but trust the organisation in the hands of 3GPP SA2.

The interested delegations should check the invitation on the TISPAN website, as this LS does not contain full information on the bookings and registration.
Status: **NOTED**

N1-050092 **Reply LS on Session Repetition (S4-040841)**
Type: **LS IN**
Source: **GERAN2**
Discussion: GERAN2 replies to SA4 on session repetition.
Status: **NOTED**

N1-050093 **Reply LS on MBMS Information Element coding (S2-043862)**
Type: **LS IN**
Source: **GERAN2**
Discussion: GERAN2 replies to SA2, RAN3 and CN3 on MBMS information element encoding.
Status: **NOTED**

N1-050094 **LS on bit rate/delay requirements in the GERAN for an MBMS session**
Type: **LS IN**
Source: **GERAN2**
Discussion: GERAN2 liaises to SA2 on bit rate/delay requirements in the GERAN for an MBMS session.
Status: **NOTED**

N1-050095 **Reply LS on AS–NAS interaction on MBMS service priorities (R2-042704)**
Type: **LS IN**
Source: **GERAN2**
Discussion: GERAN2 replies to RAN2 on AS–NAS interaction on MBMS service priorities.
Status: **NOTED**

N1-050096 **Response LS on the PS Handover work**
Type: **LS IN**
Source: **GERAN2**
Discussion: GERAN2 replies to RAN2 on PS handover work.
Status: **NOTED**

N1-050097 **LS on method for provisioning of the UE RAC and START_PS to the network**
Type: **LS IN**
Source: **GERAN2**
Discussion: At inter-RAT HO from GERAN A/Gb mode to UTRAN Iu mode the MS RAC and START PS information must be supplied from GERAN to UTRAN. The BSC needs these parameters to construct the HANDOVER REQUIRED message. Two options have been identified and CN1 is requested to study and comment on any preference on these:

- the MS to pass directly to the BSC the required information prior to the handover.
- The second and the GERAN preferred solution, proposes that we align the new handling to the current handling of the GERAN MS RAC parameter. The MS RAC is passed up to the SGSN, being included in GMM messages (ATTACH REQUEST and ROUTING AREA UPDATING REQUEST messages), and then down to the BSC over the Gb interface. The UE RAC and START PS parameters would be included in a transparent container within the GMM messages.

There are proposed CRs on this topic in N1-050209 and N1-050192..
Status: **NOTED, reply LS is in N1-050278**

N1-050098 **Response LS on the PS Handover Work**
Type: **LS IN**
Source: **GERAN2**
Discussion: GERAN2 replies to RAN2 on PS handover work.
Status: **NOTED**

N1-050217 LS to CN1, CN4, RAN3 on Rel-7 WID for Trace Management
Type: LS IN
Source: SA5
Discussion: SA5 has agreed a new WID for Rel-7 trace management. CN1, CN4 and RAN3 are requested to review and comment on the WID that will be proposed for approval in March plenary. This LS is in line with our current understanding of WI on Trace that was approved in CN-26 MCC to reflect this in the Work plan (CN1 WI for Rel-7 to be reflected under the parent WI from CN5).
Status: NOTED

N1-050251 LS on initial HPLMN search timer
Type: LS IN
Source: T1
Discussion: T1 replies to CN1 LS N1-042703 on the HPLMN search timer requirements in the core specification under CN1 control. They have found one MM TC 9.4.5.4.3, which is not according to the CN1 understanding of the MM requirement. T1 will correct this TC in the future meetings.
Status: NOTED

N1-050252 Misalignment between VGCS stage 1 and 2
Type: LS IN
Source: SA1
Discussion: SA1 kindly request CN4 (actually CN1) to advise if the stage 2 satisfies the stage1 requirement (the first subscriber will become the talker if more than one subscriber indicates an emergency situation).

There are no related CRs currently. CN1 should try to determine wheter there is really misalignment between stage 1 and stage 2.
Status: NOTED, reply in N1-050279

N1-050254 Reply to Liaison Statement on MBMS User Service architecture
Type: LS IN
Source: SA2
Discussion: SA2 replies to SA4 on MBMS service architecture.
Status: NOTED

N1-050255 Reply LS on Application Charging ID
Type: LS IN
Source: SA2
Discussion: SA2 replies to SA5 and asks for more information on the functionality related with ACID
Status: NOTED

N1-050256 RE:LS on Control of simultaneous accesses for WLAN 3GPP IP access
Type: LS IN
Source: SA2
Discussion: SA2 replies to SA3 on control of simultaneous WLAN 3GPP IP access. SA2 would like to know more about the fraud potential in case the same user is able use the same W-APN for multiple applications at the same time and if it would be possible to change the binary allowed / not allowed flagging to counter of the numbers of simultaneous connections.
Status: NOTED

N1-050257 LS on transport of HSS address
Type: LS IN
Source: SA2
Discussion: There is an action on CN1 to Provide feedback on the stage 3 mechanism that CN1 intends to use to transport the HSS address from the I-CSCF to the S-CSCF. Reply LS will be in N1-050383.
Status: NOTED

N1-050258 Reply to Reply LS (to N1-041944) on AS-NAS interaction for MBMS
Type: LS IN
Source: SA2
Discussion: SA2 defines the TMGI definition and use for the other groups as follows: Temporary Mobile Group Identity (TMGI) is used for MBMS notification purpose. The BM-SC allocates a globally unique TMGI per MBMS bearer service. The TMGI contains two parts: Globally unique MCC/MNC (PLMN ID) and a local MBMS bearer service identity that is unique within the PLMN. For Multicast MBMS bearer services the TMGI will be transmitted to UE via the MBMS Multicast Service Activation procedure. For Broadcast Service the TMGI can be obtained via service announcement see " Service Announcement".

The TMGI is a radio resource efficient MBMS bearer service identification, which is equivalent to the MBMS bearer service identification consisting of IP multicast address and APN."
Status: NOTED

N1-050259 Reply LS on Session Repetition
Type: LS IN
Source: SA2
Discussion: SA2 replies to SA4 on session repetition.
Status: NOTED

N1-050260 Reply to LS on NAS signalling load at MBMS Session Start/Stop
Type: LS IN
Source: SA2
Discussion: SA2 replies to RAN2 and GERAN2 on NAS signalling load at MBMS session start and stop. SA2 confirms the validity of the concerns by the AN groups and gives some initial ideas for studying how to minimise the problem. Proposed reply is in N1-050274.
Status: NOTED

N1-050261 Response LS on MBMS session repetition
Type: LS IN
Source: SA2
Discussion: SA2 replies to RAN2, CN3, CN4 and SA4 on MBMS session repetition.
Status: NOTED

N1-050262 LS on the ACBOP TR status
Type: LS IN
Source: SA2
Discussion: SA2 is working on WI ACBOP (domain specific access barring) and has documented this work in TR 23.898. The LS does not identify any direct question to CN1, but the reject cases in both CS and PS domain seem to touch CN1 area of expertise.
Related with CRs are in N1-050189 – N1-050190.
Status: NOTED

N1-050263 Reply LS on the Workshop on "IMS over Fixed Access"
Type: LS IN
Source: SA2
Discussion: SA2 replies to ETSI TISPAN on the new workshop meeting. This LS identifies a tentative agenda and the related 3GPP working groups for each foreseen agenda item
Status: NOTED

N1-050264 LS on protocol aspects for CSI
Type: LS IN
Source: SA2
Discussion: SA2 would like to ask the following questions to CN1:
1. Is the SIP OPTIONS request and/or response able to carry (end-to-end between UEs) both an IMS Public User Identity in the form of an SIP URI and the MSISDN of the UE in the form of a TEL URI simultaneously?
2. If yes, how would a Rel-6 UE interpret a TEL URI in e.g. the contact header of an OPTIONS request and response?

3. Is the SIP INVITE request and/or response able to carry (end-to-end between UEs) both an IMS Public User Identity in the form of an SIP URI and the MSISDN of the UE in the form of a TEL URI simultaneously?
4. For optimisation reasons SA2 are considering whether it is possible to include an SDP body in an SIP OPTIONS request. If included, what type of behaviour can be expected from a UAS receiving such a request?
5. SA2 would like to understand the practicalities, process, and timeframe for defining new 3GPP-specific Caller Preference feature tags. SA2 would welcome CN1's clarification on this matter.
6. SA2 would like to ask whether an implicit mechanism could be used to indicate whether a UE supports a specific service such as CS and IMS combinational services?
Status: **NOTED, proposed reply in N1-050384**

N1-050325 **LS on completion of network initiated SCUDIF support**
Type: **LS IN**
Source: **RAN3**
Discussion: RAN3 replies to CN3 on completion of network initiated SCUDIF support. LS is only copied to CN1; no action from CN1 needed.
Status: **NOTED**

4 CN1 work plan

N1-050002 **Latest version of the work plan**
Type: **WP**
Source: **MCC**
Discussion:
Status: **not handled due to lack of time, but the work items were discussed in separate discussion (see the discussion notes at the end of agenda item 4) and the Work Plan will be updated accordingly**

N1-050187 **CN1 ToR**
Type: **Terms of Reference**
Source: **Chairman**
Discussion: Lucent finds that the current document does not distinguish the responsibility between WGs in the area of WLAN.
Status: **revised to N1-050382.**
Changes are shown with revision marks in the revised ToR. There is still CN2 menioned as CAMEL group. Some editorial corrections needed related to the deadlines for future meetings. **Revised to N1-050397 which is AGREED without presentation.**

N1-050059 **Presence WID open issues list**
Type: **Work Item Description**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050060 **IMS2 WID open issues list**
Type: **Work Item Description**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050237 **A summary of IETF dependencies for the PRESNC work item**
Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion: This contributions attempts to summarize the IETF references created by the PRENC work item. In order to give the overall picture, the published documents are also

included, although the more indirect published dependencies are omitted. Release 5 dependencies are also omitted
Status: **NOTED**

N1-050238 **A summary of the IETF dependencies for the IMS2 work item**
Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion: It was agreed that CN1 cid not see any dependency for the following documents in Rel-6.

- rfc3960
- draft-ietf-sip-congestsafe-03.txt
- draft-ietf-sip-connect-reuse-03.txt
- draft-ietf-sipping-transc-3pcc-02.txt
- draft-ietf-sipping-session-policy-req-02.txt
- draft-ietf-sipping-transc-framework-00.txt

Status: **NOTED**

Discussion on Rel-6 Work Items:

Presence: no open items identified in this meeting. Open item list is available in this meeting in N1-050059. IETF dependencies will be covered by general IETF dependencies paper.

MBMS: no open items
IMS phase 2:
This WI contains the following subtasks:

- Conferencing – no open items
- Messaging – no open items
- Additional SIP capabilities support
    - It was agreed to send 24.167 for approval to the CN plenary
    - MCC was requested to register the orig-parameter with IANA
    - Keith Drage (Lucent) will draft exception request for WI Procedures associated with IMS-ALG

Group management: no open items, IETF dependencies will be covered in the serparate document in CN-37

WLAN: no open items
Subscriber Certificates: no open items
Network Sharing: no open items
ACBOP: no open items, assuming that the existing CRs are agreed.

PS Handover: (Robert Zaus / Siemens will draft the exception form for this WI)
Open items are:

- XID negotiation for ciphering parameters
- and compression entities;
- Handling of NSAPI-SAPI-PFI re-mapping;
- Indication of support of PS Handover in MS RAC and MS network capability;

CS Video-voice improvements: (Peter Dawes / Vodafone will draft the exception form for this WI)

- Service-based handover to be added to clause 14 of TS 23.009

TRACE: no open items in Rel-6 (SIP related CN1 task is under the new Rel-7 WI)

Discussion on Rel-7 Work Items:

The work plan was discussed offline amongst interested delegates, Vice chairman and the secretary at the end of the meeting. The procentage of completeness of Rel-7 WIs under the responsibiliyt of CN1 were discussed and this will be incorporated into new version of the work plan that will be submitted to CN-27.

Following Rel-7 Work Items that are approved in this meeting will be incorporated in the work plan after they are approved by CN plenary.

Agreed WID in CN1-37 for Rel-7	
TDoc #	**Tdoc Title**
N1-050300	Updated Trace WID
N1-050379	Improvements of VGCS in public networks for parallel use of services
N1-050381	WID for Combining CS and IMS services & CapabilityDetection mechanism
N1-050420	New IMS Application WID for Missing Features

Regarding the Updated Trace management WI it was commented that currently there is only Rel-6 WI in the work plan. This should be splitted in to Rel-6 and Rel-7 WIs. CN1 part of Rel-6 Work for Trace is 100% completed (CN4 leadership of this WI).
Updated Wok Item for Rel-7 Trace Management (CN1 leadership) should be incorporated in the work plan under the parent Rel-7 WI from SA5.

WID for Combining CS and IMS services & Capability Detection mechanism should be placed under the corresponding SA WI (SP-040926 approved in SA-26, but not yet incorporated in the WP).

WI Improvements of VGCS in public networks for parallel use of services shall be in the WP under the correstponding SA feature, but in paralel with existing CN1 WI on Enhancements of VGCS in public networks for communication of public authority officials (NP-040435).

5 Corrections to old releases

5.1 Rel-4 and older

N1-050040 Correction of the conditions for establishment of a voice group call
Type: CR, 03.68
Source: Nortel Networks, Siemens
Discussion: If a voice group call fails to become established to all cells and dispatchers in a pre-set time then the call is considered to be established if at least the downlink channel in the originating cell is established (for the case of a service subscriber originated voice group call) or the downlink channel in any one cell within the group call area is established (for the case of a dispatcher originated voice group call).
Reference to emergency call scenario, is not related to emergency call service but to use of VGCS in emergency call scenario.
Removal of annotation in the text of the CR and addition of CR revision number necessary. It was agreed that the lack of service in case of misunderstanding of the specification justifies a correction of a frozen release.
Status: revised to N1-050280 which is AGREED without presentation as revision 2

N1-050041 Correction of the conditions for establishment of a voice group call
Type: CR, 43.068
Source: Nortel Networks, Siemens
Discussion: This is Rel-4 mirror CR of N1-050040.
Status: AGREED

N1-050042 **Correction of the conditions for establishment of a voice group call**
Type: **CR, 43.068**
Source: **Nortel Networks, Siemens**
Discussion: This is Rel-5 mirror CR of N1-050041.
Status: **AGREED**

N1-050043 **Correction of the conditions for establishment of a voice group call**
Type: **CR, 43.068**
Source: **Nortel Networks, Siemens**
Discussion: This is Rel-6 mirror CR of N1-050042.
Status: **AGREED**

N1-050163 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 03.68**
Source: **Nortel, Siemens**
Discussion: As the CR to TS 02.68 and TS 42.068 have to be approved first by SA1, CN1 related CRs are withdrawn and will be submitted to next CN1 meeting.
Status: **WITHDRAWN**

N1-050164 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 43.068**
Source: **Nortel, Siemens**
Discussion: As the CR to TS 02.68 and TS 42.068 have to be approved first by SA1, CN1 related CRs are withdrawn and will be submitted to next CN1 meeting.
Status: **WITHDRAWN**

N1-050165 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 43.068**
Source: **Nortel, Siemens**
Discussion: As the CR to TS 02.68 and TS 42.068 have to be approved first by SA1, CN1 related CRs are withdrawn and will be submitted to next CN1 meeting.
Status: **WITHDRAWN**

N1-050166 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 43.068**
Source: **Nortel, Siemens**
Discussion: As the CR to TS 02.68 and TS 42.068 have to be approved first by SA1, CN1 related CRs are withdrawn and will be submitted to next CN1 meeting.
Status: **WITHDRAWN**

N1-050167 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 02.68**
Source: **Nortel, Siemens**
Discussion: TS 02.68 is under the responsibility of SA1 and the CR has to be approved by SA1.
Status: **WITHDRAWN**

N1-050168 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 42.068**
Source: **Nortel, Siemens**
Discussion: TS 42.068 is under the responsibility of SA1 and the CR has to be approved by SA1.
Status: **WITHDRAWN**

N1-050169 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 42.068**
Source: **Nortel, Siemens**
Discussion: TS 42.068 is under the responsibility of SA1 and the CR has to be approved by SA1
Status: **WITHDRAWN**

N1-050170 **EPRT: clarification of VGCS subscriber definitions**
Type: **CR, 42.068**
Source: **Nortel, Siemens**
Discussion: TS 42.068 is under the responsibility of SA1 and the CR has to be approved by SA1
Status: **WITHDRAWN**

N1-050171 **EPRT: clarification of calling subscriber**
Type: **CR, 03.69**
Source: **Nortel, Siemens**
Discussion:
Status: **WITHDRAWN**

N1-050172 **EPRT: clarification of calling subscriber**
Type: **CR, 43.069**
Source: **Nortel, Siemens**
Discussion:
Status: **WITHDRAWN**

N1-050173 **EPRT: clarification of calling subscriber**
Type: **CR, 43.069**
Source: **Nortel, Siemens**
Discussion:
Status: **WITHDRAWN**

N1-050174 **EPRT: clarification of calling subscriber**
Type: **CR, 43.069**
Source: **Nortel, Siemens**
Discussion:
Status: **WITHDRAWN**

N1-050175 **EPRT: clarification of calling subscriber**
Type: **CR, 02.69**
Source: **Nortel, Siemens**
Discussion: TS 02.69 is under the responsibility of SA1 and the CR has to be approved by SA1 first.
Status: **WITHDRAWN**

N1-050176 **EPRT: clarification of calling subscriber**
Type: **CR, 42.069**
Source: **Nortel, Siemens**
Discussion: TS 02.69 is under the responsibility of SA1 and the CR has to be approved by SA1 first.
Status: **WITHDRAWN**

N1-050177 **EPRT: clarification of calling subscriber**
Type: **CR, 42.069**
Source: **Nortel, Siemens**
Discussion: TS 42.069 is under the responsibility of SA1 and the CR has to be approved by SA1 first.
Status: **WITHDRAWN**

N1-050178 **EPRT: clarification of calling subscriber**
Type: **CR, 42.069**
Source: **Nortel, Siemens**
Discussion: TS 42.069 is under the responsibility of SA1 and the CR has to be approved by SA1 first.
Status: **WITHDRAWN**

6 Release 5 Work Items

6.1 Non-IMS Rel-5 corrections

N1-050044 Addition of maximum data rate to RR_SYNC_IND and MMCC_SYNC_IND
Type: CR, 24.007
Source: Siemens
Discussion: It is not clear how the CC entity in the mobile station should determine when a suitable channel for the multimedia call is available.
This CR adds the parameter necessary for such an indication to the primitives exchanged between the CC, MM, and RR layer.
Status: AGREED

N1-050045 Addition of maximum data rate to RR_SYNC_IND and MMCC_SYNC_IND
Type: CR, 24.007
Source: Siemens
Discussion: This is Release 6 mirror CR of N1-050044.
Status: AGREED

N1-050161 EPRT Inter-PLMN Group Call notification for dispatchers
Type: CR, 43.068
Source: Nortel, Siemens
Discussion: During group call establishment where a dispatcher is receiving the call, it is necessary for that dispatcher to be able to distinguish between a VGCS call and a VBS call with the same Group Call Reference. CR aligns group call identifiers used in notifications to dispatchers with those used between MSCs to initiate the call.
It was a question why this is Rel-5 issue, and not for earlier releases.
Nortel is happy to convert this to Rel-7 CR if there is no justification for Rel-5.
Status: REJECTED (It was decided that the CR will be considered as Rel-6 change in N1-050215).

N1-050162 EPRT Inter-PLMN Broadcast Call notification for dispatchers
Type: CR, 43.069
Source: Nortel, Siemens
Discussion:
Status: WITHDRAWN

N1-050215 EPRT Inter-PLMN Group Call notification for dispatchers
Type: CR, 43.068
Source: Nortel Siemens
Discussion: Category becomes F as the Rel-5 CR is rejected. The WI becomes TEI6.
Status: revised to N1-050281 which is AGREED as rev1

N1-050216 EPRT Inter-PLMN Broadcast Call notification for dispatchers
Type: CR, 43.069
Source: Nortel Siemens
Discussion: As the Rel-5 CR is rejected, the category becomes F and WI TEI6.
Status: revised to N1-050282 which is AGREED as rev1

6.2 IMS Rel-5

N1-050049 Correction to S-CSCF charging headers on subsequent requests
Type: CR, 24.229
Source: Lucent Technologies / Keith Drage
Discussion: CR modifies the wording to make clear that stored information relating to charging headers can only be copied into a sebsequent request in the same dialog.

The CR tries to align Rel-5 and Rel-6.Possible errors in charging information was indicated as the justification for change.
"Responses" shall be removed from this change: "Any subsequent request (excluding ACK requests and CANCEL requests and responses)"
Status: **revised to N1-050283 which is WITHDRAWN**

N1-050050 **Correction to S-CSCF charging headers on subsequent requests**
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **revised to N1-050284 which is WITHDRAWN**

N1-050051 **Deregistration effect on active sessions**
Type: **CR, 24.229**
Source: **Lucent Technologies / Eric Henrikson**
Discussion: The wording is changed from sessions "belonging" and being "associated" with the user to sessions "including" the user.
Status: **AGREED**

N1-050052 **Deregistration effect on active sessions**
Type: **CR, 24.229**
Source: **Lucent Technologies / Eric Henrikson**
Discussion: This is Rel-6 mirror CR of N1-050051.
Status: **AGREED**

N1-050077 **Orig-IOI handling in MGCF**
Type: **CR, 24.229**
Source: **Siemens**
Discussion: The CR adds the description how MGCF shall set the orig-IOI to the value received in the INVITE request, otherwise incorrect charging iformation.
The CR shall be revised to cover also storing the orig-ioi (both, term –ioi and orig- ioi needed for charging purposes). The term-ioi parameter shall be set to a value that identifies the network in which the MGCF resides and the orig-ioi parameter shall be set to the previously received value of orig-ioi.
Status: **revised to N1-050285 which is WITHDRAWN**

N1-050078 **Orig-IOI handling in MGCF**
Type: **CR, 24.229**
Source: **Siemens**
Discussion: This is Rel-6 mirror CR to N1-050077. There is Orange document related to the same issue: N1-050122 and N1-050121.
Status: **revised to N1-050286 which is WITHDRAWN**

N1-050079 **RFC 3966**
Type: **CR, 24.229**
Source: **Siemens**
Discussion: Reference to rfc 3966 is updated "TEL URL" is substituted with "tel URI". SA2 has agreed to corresponding stage to stage2 and they agreed that the change is applied only to Rel-6, not to Rel-5.
New RFC has some functional changes, not only "URI". Every RFC continues to exist, therefore technically it would be possible to keep current reference (RFC still available, but only marked as replaced by a later RFC 3966).
It was agreed to drop the Rel-5 version of the CR, and to approve only Rel-6.
Status: **REJECTED**

N1-050080 **RFC 3966**
Type: **CR, 24.229**
Source: **Siemens**
Discussion:
Status: **AGREED**

N1-050111 Default handling associated with the trigger at the S-CSCF
Type: CR, 24.229
Source: Orange
Discussion: In sections 5.4.3.2 and 5.4.3.3 about S-CSCF handling when receiving an initial request for a dialog or a request for a standalone transaction on originating part/ terminating part, it is added what behaviour the S-CSCF shall apply according to the default handling associated with the trigger if the S-CSCF can not reach the AS or when the S-CSCF receives a final response from the AS.

According to Lucent, 23.218 does not specify the default handling. The default handling is not defined in this release. The corresponding 23.218 change in N1-050203 and N1-050204 shall be handled first.
Status: REJECTED

N1-050203 Default handling
Type: CR, 23.218
Source: Orange
Discussion: In section 5.4.1.7, it is removed that "Use of the default handling procedure by the AS is not supported in this version of this specification."

How it impacts CN4 specification if we accept the change for Rel-6 only? If we agree that default handling is not specified in Rel-5, we have to remove description in 5.2. (normative text for S-CSCF). Orange will provide the CR for section 5.2.
LS to CN4 shall be drafted to inform them about CN1 decision.
Status: **revised to N1-050287**. All sentences that deal with default handling are removed. It is clarified that the default handling procedure is not supported by the S-CSCF in Release 5. CN4 specifications have to be aligned with this change and Orange will provide CRs to CN4 to correct this. **N1-050287 is AGREED.**

N1-050204 Default handling
Type: CR, 23.218
Source: Orange
Discussion: This CR is introducing the same change as N1-050203 but it becomes category F CR with WI IMS2.
In section 6.9.2.2, "Use of the default handling procedure by the AS is not supported in this version of this specification." to be removed.
Status: revised to N1-050288 which is AGREED

N1-050112 Default handling associated with the trigger at the S-CSCF
Type: CR, 24.229
Source: Orange
Discussion: In sections 5.4.3.2 and 5.4.3.3 about S-CSCF handling when receiving an initial request for a dialog or a request for a standalone transaction on originating part/ terminating part, it is added what behaviour the S-CSCF shall apply according to the default handling associated with the trigger if the S-CSCF can not reach the AS or when the S-CSCF receives a final response from the AS.

Inserted text should be added after the bulleted list (after the bullet 15)). If the AS cannot be reached, it should be stated that this is not a request to final destination , but a request to the AS.
If the default handling indicates SESSION_TERMINATED, 504 is more appropriate than 408 Request Timeout response towards the served UE.
Status: **revised to N1-050289**. Default handling is placed after step 15. If the network cannot reach AS, there should be appropriate error response.
N1-050289 is revised to N1-050399. There is no mirror CR, this became category F and WI is IMS2. N1-050399 is revised further to N1-050418 as the incorrect version of document was submitted. **N1-050418 is AGREED.**

N1-050113 Default handling associated with the trigger for third party registration
Type: CR, 24.229

Source: **Orange**
Discussion: In section 5.4.1.7 about 3rd-party registration, it is added what behaviour the S-CSCF shall apply according to the default handling associated with the trigger when a 3rd-party registration fails.

It was found that this should be part of the Rel-6 and Rel-5 change is not needed.
Status: **REJECTED**

N1-050114 **Default handling associated with the trigger for third party registration**
Type: **CR, 24.229**
Source: **Orange**
Discussion: Rel-6 CR becomes category F, WI becomes IMS2 as Rel-5 CR is rejected. The CR describes the treatment at the S-CSCF when the S-CSCF receives a failure response to a 3rd-party REGISTER.

It was commented that in 24.229 terminology "trigger matching" is not used.
Status: **revised to N1-050290**

N1-050290 **Default handling associated with the trigger for third party registration**
Type: **CR, 24.229**
Source: **Orange**
Discussion: "Trigger" shall be replaced by "filter criteria". Filter criteria to be mentioned also in the revision of N1-050418. Wording to be improved.
Status: **revised to N1-050400 which is revised again to N1-050419.**
The wording of the condition in N1-050419 shall be changed: "If the S-CSCF receives a failure response to a 3rd-party REGISTER, the S-CSCF shall:" to be replaced by "If the S-CSCF fails to receive a SIP response or receives a 408 Request Timeout response or a 5xx response to a 3rd-party REGISTER, the S-CSCF shall:"
N1-050419 revised to N1-050421 which is AGREED.

N1-050116 **Use of original dialog identifier at AS**
Type: **CR, 24.229**
Source: **Orange**
Discussion: The change in 5.7.5.2.1 is not needed as it is also covered in bullet 4 that remaining Route header(s) are copied unchanged from the received INVITE request to the new INVITE request.
5.7.5.2.1 could be changed that it covers all requests, not only INVITE request.
Change in 5.7.5.2.2 is not needed.
Status: **revised to N1-050291 which is AGREED**

N1-050117 **Use of original dialog identifier at AS**
Type: **CR, 24.229**
Source: **Orange**
Discussion: In section 5.4.3.4, it is added that the original dialog identifier shall be included by the AS in requests when the AS acts as a B2BUA and in final responses when the AS acts as a terminating UA or redirect server.

In section 5.7.2, the AS shall insert the received original dialog identifier in responses sent back to the S-CSCF when acting as a UAS or redirect server.

In sections 5.7.5.2.1, 5.7.5.2.2 the AS shall insert the received original dialog identifier in requests when acting as a B2BUA.
Status: **revised to N1-050292 which is AGREED**

N1-050118 **Checking Request-URI for terminating requests at the S-CSCF**
Type: **CR, 24.229**
Source: **Orange**
Discussion: The CR tries to correct the sequence of the steps of the S-CSCF procedure for requests terminated at the served user "If there is an original dialog identifier present" shall be added in the bullet 4), then check whether the Request-URI equals to the saved value of the Request-URI. Editorial correction needed as well.

Status: **revised to N1-050293 which is revised to N1-050401.** The only changes are the removal of superfluous “based on” and the bullet 4 should start with the words “if there is an original dialog identifier present”. **N1-050401 is AGREED.**

N1-050119 Checking Request-URI for terminating requests at the S-CSCF
Type: **CR, 24.229**
Source: **Orange**
Discussion: The same comment as for N1-050293. This is Rel-6 mirror CR.
Status: **revised to N1-050294 which is revised to N1-050402.**
N1-050402 is AGREED.

N1-050120 IOI storage at MGCF
Type: **CR, 24.229**
Source: **Orange**
Discussion: The reason for change is that the MGCF is not able to retrieve the IOI identifying the remote operator if IOI is not stored in first request/response. Impacts on charging is that it is not possible to reverse charges from one operator to the other when originating and terminating networks are different.

It was agreed to remove those parts which are dealing with standalone transactions (sub clause 5.5.3).
Collision with Siemens CR N1-050077 is mentioned. Changes of 5.5.3 will be included in revised N1-050285 (revision of N1-050077).
Status: **revised to N1-050295 which is AGREED**

N1-050121 IOI storage at MGCF
Type: **CR, 24.229**
Source: **Orange**
Discussion: This is Rel-6 mirror CR of N1-050295.
Status: **revised to N1-050296 which is AGREED**

N1-050124 IOI between P-CSCF and S-CSCF
Type: **CR, 24.229**
Source: **Orange**
Discussion: It was questioned whether there is sufficient justification for the Rel-5 change. According to one view this was seen as an enhancement or an addition of a feature. Another view was that this is according to SA5 requirement that is defined in stage 2.
Orange proposes to discuss this with SA5 . Both CRs are postponed.
Status: **POSTPONED**

N1-050125 IOI between P-CSCF and S-CSCF
Type: **CR, 24.229**
Source: **Orange**
Discussion: The same comment as for N1-050124.
Status: **POSTPONED**

N1-050127 Miscellaneous corrections
Type: **CR, 24.229**
Source: **Qualcomm Incorporated**
Discussion: Postponed as there was no Qualcomm delegate to present the document and comments were made against this CR to request a revision.
Status: **POSTPONED**

N1-050128 Miscellaneous corrections
Type: **CR, 24.229**
Source: **Qualcomm Incorporated**
Discussion: Postponed as there was no Qualcomm delegate to present the document and comments were made against this CR to request a revision.
Status: postponed

N1-050140 Handling topmost Route header at the P-CSCF

Type: **CR, 24.229**
Source: **Vodafone**
Discussion: It was agreed that the proposed routing principles are correct, and that we have been a bit inconsistent in how to define the removal of the own SIP URI from the route. But it still does not justify a Rel-5 correction.
Status: **REJECTED** based on not sufficient ground for change in a frozen release

N1-050141 Handling topmost Route header at the P-CSCF
Type: **CR, 24.229**
Source: **Vodafone**
Discussion: It is generally added in Section 5.2.6.3 and Section 5.2.6.4 that P-CSCF shall remove its own SIP URI from the topmost Route header.
Status: **revised to N1-050297 which is AGREED**

N1-050181 Correction to interaction between S-CSCF and HSS in Network initiated deregistration procedure
Type: **CR, 24.228**
Source: **Nokia / Georg**
Discussion: The CR corrects the error introduced in the previous meeting:
In case the S-CSCF location information is cleared from the HSS, the state of the subscriber identity is stored as "not registered" in the HSS. In case the S-CSCF location information is kept in the HSS, the state of the subscriber identity is stored as "unregistered" in the HSS and the S-CSCF.
Storing of subscribers identity state shall not be applied to S-CSCF, only to HSS (S-CSCF shall be removed from that sentence).
Status: **revised to N1-050298 which is AGREED without the presentation**

N1-050220 Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**
Discussion: Subclause 5.4.1.5 is amended to specify how such filter criteria are analysed and the third-party REGISTER request is built.
Proposed changes are suggested to the stage 2 in 23.218 to match the stage 3 procedures in 24.229.
Status: **AGREED**

N1-050221 Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **AGREED**

N1-050222 Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration
Type: **CR, 23.218**
Source: **Lucent Technologies / Keith Drage**
Discussion: Subclause 5.2 is amended to specify that generation of third-party REGISTER requests also apply to network-initiated deregistration.
Status: **AGREED**

N1-050223 Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration
Type: **CR, 23.218**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: AGREED

N1-050229 Correction to the MGCF's action when receiving a call from the CS network
Type: **CR, 24.229**
Source: **HUAWEI**
Discussion: Add the description that the MGCF can do the ENUM query when needed. There were several comments that this ENUM procedure does not need to be standardised at MGCF.
Status: **POSTPONED**

N1-050230 Correction to the MGCF's action when receiving a call from the CS network
Type: **CR, 24.229**
Source: **HUAWEI**
Discussion:
Status: **POSTPONED**

N1-050233 Removal of I-CSCF normative requirement on Cx interface
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**
Discussion: Subclause 5.3.2.2 of 24.229 contains a normative requirement relating to the Cx inferface protocol. The Cx interface is in the scope of 29.228 and 29.229. The normative requirement is downgraded to a note.
The purpose of the change is to remove normative requirement from the specification. Siemens is against to accept this change for Rel-5 as the justification for Rel-5 is the guidance for the standardisation.

It is proposed to enhance the CR in order to change “If the HSS sends a negative response to the user location query…..” to “If the I-CSCF receives a negative response to the user location query” the I-CSCF shall send back a 404 (Not Found) response.

Only Rel-6 CR is accepted, it will be revised according to notes.
Status: **REJECTED** as the problem is not large enough to justify a correction in Rel-5.

N1-050234 Removal of I-CSCF normative requirement on Cx interface
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**
Discussion: Change to be done in second paragraph (see notes on N1-050233).
The category becomes F, WI becomes IMS2 as Rel-5 change is rejected.
Status: **revised to N1-050299 which is AGREED**

7 Release 6 Work Items

7.1 IMS documents for information

N1-050039 TR 33.878 v1.0.0; "Security Aspects of Early IMS"
Type: **Technical Report for review and discussion**
Source: **SA3**
Discussion: This document is the early IMS security TR 33.878 for CN1 comments (related LS to SA3 in N1-050303). It describes Security provided for IMS services before the full Rel-5 set of specifications.
It is not in the mandate of CN1 to approve or reject this TR, but several comments were made on the TR. These comments have been provided in discussion documents in N1-050179, N1-050180, N1-050205 and N1-050218.
RIMs document on management objects will be discussed separately.
Status: **NOTED**

N1-050053 Summary of current IETF documents on SIPPING

Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050054 **Summary of current IETF documents on SIP**
Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050055 **Summary of current IETF documents on MMUSIC**
Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050056 **Summary of current IETF documents on SIMPLE**
Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050057 **Summary of current IETF documents on XCON**
Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050058 **Summary of current IETF documents on GEOPRIV**
Type: **Document for information**
Source: **Lucent Technologies / Keith Drage**
Discussion:
Status: **NOTED**

N1-050179 **Discussion on TR 33.878: Identity Derivation**
Type: **Discussion document**
Source: **Nokia / Georg**
Discussion: This is a proposal to use the ISIM identities if one is available and restrict the use of the derived temporary identities for the case when there is no ISIM.
It was debated whether the UE should cover for the early IMS security network that is not compliant with the full IMS requirements or vice versa.
Is it more important to always have the mandatory support of ISIM by the UE or to allow the rollout of ISIM cards by an operator that is running an early IMS security network. Both are not possible.
Status: **revised to N1-050377 which is WITHDRAWN**

N1-050180 **Discussion on TR 33.878: Authorization Header**
Type: **Discussion document**
Source: **Nokia / Georg**
Discussion: Proposal is that the UE should be allowed to include the Authorization header field in the REGISTER, even in the case of early IMS security network.

The document is talking about Rel-5 compliant UE.
The meeting couldn't reach the conclusion, therefore the decision is postponed. If the meeting can not reach the conclusion, the list of open items under discussion will be sent to SA3.
Status: **revised to N1-050302 which is WITHDRAWN. The LS containing comments will be in N1-050303.**

N1-050205 **Early IMS Security Corrections and Clarifications to TR 33.878**

Type: **Discussion document**
Source: **Vodafone**
Discussion: This document contains change proposed by documents that are commenting the TR on Security Aspects of Early IMS. Clause 6.2.4 to be changed. User identity is based on IMSI.
Special requirement for non compliant systems is not covered.
Status: **revised to N1-050304 which is revised to N1-050403. N1-050403 is AGREED** (It will be attached to the LS for SA3 in N1-050303)

N1-050304 **Early IMS Security Corrections and Clarifications to TR 33.878**
Type: **Discussion document**
Source: **Vodafone**
Discussion: The TR is under the control of SA3 control and the proposals will be liased to them in LS N1-050303. Spelling of 24.229 to be corrected.
Status: **revised to N1-050403 which is AGREED**

N1-050218 **Comments on 3GPP TR 33.878 "Security Aspects of Early IMS"**
Type: **Discussion document related to TR 33.878**
Source: **Lucent Technologies / Keith Drage**
Discussion: This document makes several comments against the TR 33.878:

- The TR text is at some places too strongly normative for a TR
- Clarifying of the dependency and relationship between early IMS security and the IP version should be clarified
- The IMS features and requirements that are turned off or downgraded in early IMS security should be collected in a list in the TR
- The wording in the TR should systematically indicate that it applies to early IMS security only
- It should be identified more clearly that the early IMS security procedures are intended as fallbacks if the full IMS does not work
- Too narrow restriction of the I-CSCF use
- It should be clarified if and how multiple registration would work
- The relationship of SigComp with SA needs to be clarified

Status: **NOTED**

7.2 Presence

N1-050081 **Sip-profile package in major capabilities**
Type: **CR, 24.229**
Source: **Siemens**
Discussion: The CR introduces “sip-profile” event package in major capabilites table for the UA role.The change has to be reflected also in the column 6 of the table (ref [77]).
Status: **revised to N1-050306 which is AGREED without presentation**

N1-050082 **Authentication proxy for presence**
Type: **CR, 24.141**
Source: **Siemens**
Discussion:
Status: **AGREED**

N1-050243 **XCAP-change clarification**
Type: **CR, 24.141**
Source: **Nokia / Jozsef Varga**
Discussion: It was discussed whether category D is still acceptable for rel-6 and the meeting assumed that it is, as no formal declaration of rel-6 freezing has been made yet. CR number 37 is allocated and added offline in the cover page.
Status: **AGREED**

N1-050244 **XCAP-change corrections**

Type: **CR, 24.141**
Source: **Nokia / Jozsef Varga**
Discussion: The CR replaces 'xcap-change' by 'sip-profile'. CR number 38 is allocated and added offline in the cover page.
Status: **AGREED**

N1-050245 **iFC corrections**
Type: **CR, 24.141**
Source: **Nokia / Jozsef Varga**
Discussion: CR number 39 is allocated and added offline in the cover page.
Status: **AGREED**

7.3 MBMS (Multimedia Broadcast Multicast Services)

N1-050046 **Synchronization of MBMS context status between UE and SGSN**
Type: **CR, 24.008**
Source: **Siemens**
Discussion: According to the CR MBMA Context status IE shall be included by the MS, if it has MBMS contexts with an SM state different from PDP-INACTIVE.
Why the network deactivates locally those which are not in PDP-INACTIVE state? The network should deactivate all the context locally which are in SM state ACTIVE on the network side, but indicated by the MS as being in state PDP-INACTIVE.

Impact on ME shall be marked in the cover page. Reason for change to be improved.
This CR is linked to N1-050196.
Status: **revised to N1-050307 which is AGREED**

N1-050126 **Defining TMGI and MBMS Session Id in the mobile identity field**
Type: **CR, 24.008**
Source: **Ericsson**
Discussion:
Status: **revised to N1-050250 before the presentation.**

N1-050250 **Defining TMGI and MBMS Session Id in the mobile identity field**
Type: **CR, 24.008**
Source: **Ericsson**
Discussion: The main concerns and reasons for revising the document were on the interaction with the existing procedures that use the mobile identity and the impact on UTRAN. It was said during the discussion that UTRAN does not need this enhancement, but that is not obvious from the CR text.
MBMS
There was a comment that reference to session identity shall be to TS 23.003 where TMGI is defined.

Status: **revised to N1-050313 which is AGREED**

N1-050137 **Correct GPRS SM List and MBMS IE Descriptions**
Type: **CR, 24.008**
Source: **Vodafone**
Discussion: MBMS messages are added to Table 10.4a. The APN IEI is removed where the APN IE is mandatory wiith format "LV".
Status: **revised to N1-050311(**Request MBMS Context Activation Reject message is added at the end of the document). File name to be corrected.
N1-050311 is AGREED.

N1-050188 **Introduction of MBMS support indication to the UE**
Type: **CR, 24.008**
Source: **NTT DoCoMo, NEC**

Discussion: It is proposed to add the indication of MBMS network support and to mobile station to use this indication. The meeting was not aware of any requirement and it was not clear what is the purpose of this change.

It was commented that the network support of the MBMS can vary on cell by cell basis and this indication is only in the CN protocol level.
What should the SGSN indicate in the MBMS support, if some of the cells support MBMS but some of them do not? It was answered that this indication is intended to give the status of CN support, so if the SGSN can handle MBMS, then it will indicate MBMS support in network feature support IE.
Synchronisation of MBMS contexts between the UE and the SGSN will already be achieved without this CR, so the indication of CN support of MBMS will be left for UE optimisation purposes only.
Status: **revised to N1-050312 which is further revised to N1-050411. N1-050411 is postponed to next meeting.**

N1-050196 **MBMS Session Management clarifications**
Type: **CR, 24.008**
Source: **Siemens, Infineon Technologies**
Discussion: Clauses numbers can not be deleted. They have to be marked as “Void”.
N1-050198, N1-050196 and N1-05046 can be integrated all in the same CR.
One reason to keep CRs separate would be the ease to find each change and to cover each change by the title of each CR.
It has been decided to keep all 3 CRs as separate CRs, but they should be sent to plenary in the separate CR package.
Status: **revised to N1-050308 which is AGREED** (in 6.2 paragraph 2 is Void, and its material is distributed in other parts of the CR)

N1-050198 **Introduction of MBMS in clause 8**
Type: **CR, 24.008**
Source: **Siemens**
Discussion: This depend on the revision of N1-050196. There are lot of non-MBMS changes, therefore it was proposed that the CR carry 2 WIs: MBMS and TEI6. Reason for change needs to be improved.
Status: **revised to N1-050309 which is AGREED**

N1-050207 **Mapping of 'MBMS notification response' to RRC establishment cause**
Type: **CR, 24.008**
Source: **Ericsson**
Discussion: New mapping of RRC establishment cause value is added because of MBMS.
There was a discussion on whether AN impact would need to be indicated. It was agreed that even though this CR does not need to be implemented in RAN, it gives the justification for the new MBMS specific establishment cause value.
Hannu was requested to ask for clarification to the criteria for using these tick boxes on the cover page to indicate the impact on different system elements.
Status: **AGREED**

7.4.1 Conferencing

N1-050083 **Authentication Proxy**
Type: **CR, 24.147**
Source: **Siemens**
Discussion:
Status: **WITHDRAWN**

N1-050182 **Deleting CPCP and BFCP from Rel-6 IMS Conferencing**
Type: **CR, 24.147**
Source: **Nokia / Georg**

Discussion: CN1 was requested by the plenary to remove references to CPCP and BFCP. BFCP and CPCP and all related references are removed by this CR.
It is not clear whether they will be part of the Rel-7. There is no mandate for the time being to do this. One option is to provide new WI to plenary for Rel-7.

Lucent commented that there the decision should be done on complete conferencing solution. The decision should be done on what will be included in Rel-7.
Technical description and explanation of the scope of the current Rel-6 document should be acceptable. This would also be a justification for Rel-7 WI.
Siemens finds that the scope of the specification should not contain the description on what is not covered in Rel-6.
Even though Conference Policy Control Protocol (CPCP)and the Binary Floor Control Protocol (BFCP) are not specified, they are not forbidden. They are specifically excluded from this version of the specification. It is concluded to specify that CPCP and BFCP are for further study.
In 5.3.1.3.1 NOTE shall be revised to exclude the mentioning of conference policy control protocol.
Removal of not completed functionality in Rel-6 can not be justification to addition of the same functionality in Rel-7. The WI for Rel-7 shall be approved by SA1.
Status: **revised to N1-050314 which is further revised to N1-050374. N1-050374 is AGREED.** As the progress of this work should be discussed separately in the plenary, this CR will be in separate package. Lucent finds that the separate Rel-7 WI is needed.

7.4.2 Messaging

N1-050199 Corrections to Message Session Flows to align with draft-ietf-simple-message-sessions-09
Type: **CR, 24.247**
Source: **RIM**
Discussion: Flows are updated to align with TS 23.228, reflect sequence, protocol primitives and information elements as defined in draft-ietf-simple-message-sessions-09 and reference to draft-ietf-simple-message-sessions updated from 06 to 09. Session based messaging conferencing are provided.
Corrections needed:
- In Table A.5.1.-12.
- TCP setup to be added after 200(OK) in a flow.

Status: **revised to N1-050316 which is AGREED**

N1-050106 MESSAGE to multiple recipients
Type: **CR, 24.247**
Source: **Lucent Technologies**
Discussion: The added text specifies two methods of delivery of immediate messages with multiple recipients. This is conveyed requirement from Stage2 document (SA2 document).
The mechanism using PSI is already specified (added bullet 2). This bullet puts a requirement on AS in UE section and belongs to stage 2 document, not stage 3.
Status: **revised to N1-050317.** There is a draft that describes how to use URI-list and there should be a reference to this draft. **N1-050317 is revised to N1-050389 and will be attached to LS. N1-050389 is revised to N1-050412 which is AGREED as revision 3.**

N1-050107 MESSAGE to unregistered user
Type: **CR, 24.247**
Source: **Lucent Technologies**
Discussion:
Status: **AGREED**

N1-050108 Message delivery via MESSAGE
Type: **CR, 24.247**
Source: **Lucent Technologies**

Discussion: The CR adds that the AS may utilise the MESSAGE requests to deliver to the UE the messages that it has obtained through other applications (e.g. SMS, MMS, e-mail, etc.). The encapsulation methods and associated MIME types for the respective applications are not specified in this document.

There was an opinion that no requirement from SA2 is defined. There is an ongoing work in SA2 and we should wait for the guidance.
According to Lucent, requirement was present in stage1 for a long time.
Status: **REJECTED**

N1-050130 **Changes in TS 24.227 due to delay of CPCP and BFCP approval in IETF**
Type: **CR, 24.247**
Source: **LM Ericsson**
Discussion: This is covered in N1-050315.
Status: **WITHDRAWN**

N1-050131 **Corrections to TS 24.247 sub clause 9.3.3**
Type: **CR, 24.247**
Source: **LM Ericsson**
Discussion: It should be possible to reassemble the message. 23.228 gives the requirement for intermediate node.
Status: **REJECTED**

N1-050132 **Alignment between TS 22.340 and on TS 24.247 for "is composing"**
Type: **CR, 24.247**
Source: **LM Ericsson**
Discussion: Editorial changes needed. Correction of the draft name to RFC to be done.
Status: revised to N1-050319. Typo correction in 8.3.1 needed and revision number missing, therefore **revised to N1-050390 which is AGREED.**

N1-050133 **Alignment between TS 23.228/ TS 22.340 and TS 24.247 for immediate messaging**
Type: **CR, 24.247**
Source: **LM Ericsson**
Discussion: An AS in the form of a list server is defined. The possibilty for the sending participant to use a PSI to address a group of participan is added. The relevant procedure section is added for the list server
This CR can be taken as the reference. N1-050106 can be revised to cover list server issue. Automatic bulleting shall be removed.
Status: revised to N1-050318 which is AGREED

N1-050134 **Clarifications to TS 24.247 sub clause 9.3**
Type: **CR, 24.247**
Source: **LM Ericsson**
Discussion:
Status: **revised to N1-050320.** Names of headers shall be used exactly as they will appear in coding. **"**The following values shall be used in the SEND request" is not correct form, active voice shall be used
N1-050320 is revised to N1-050391 which is AGREED.

N1-050183 **Removing CPCP from 24.247**
Type: **CR, 24.247**
Source: **Nokia / Georg**
Discussion: The CR deletes CPCP from TS 24.247. The approval of this CR is linked to approval of removal of CPCP from TS 24.147.
Deleted clauses should be replaced by "Void", not just deleted. The same numbering should be kept.
Status: **revised to N1-050315 which is AGREED** (the CR is treated as standalone CR).

7.4.3 Extensions to SIP capabilities

N1-050061 Resolution of references to 24.228
Type: CR, 23.218
Source: Lucent Technologies / Keith Drage
Discussion:
Status: AGREED

N1-050062 Resolution of references to 24.228
Type: CR, 24.141
Source: Lucent Technologies / Keith Drage
Discussion: All references to 24.228 are made specific to release 5.
The editor's note in subclause A.3.3.2 is replaces by the appropriate Cx interface mapping.
The change in References clause to be kept, but any other change where specific reference to Release 5 is added should be reversed through the document.
Status: revised to N1-050321 which is AGREED without presentation

N1-050063 Resolution of references to 24.228
Type: CR, 24.147
Source: Lucent Technologies / Keith Drage
Discussion:
Status: revised to N1-050322 which is AGREED without presentation

N1-050064 Resolution of references to 24.228
Type: CR, 24.247
Source: Lucent Technologies / Keith Drage
Discussion:
Status: revised to N1-050323 which is AGREED without presentation

N1-050065 Cleanups resulting from CR changes for last version
Type: CR, 24.229
Source: Lucent Technologies / Keith Drage
Discussion: Change in 4.2 to be reversed. Consequences if not approved to be written.
Status: revised to N1-050324 which is AGREED

N1-050072 Routing requests to IMS-ALG
Type: Discussion document, 24.229
Source: Lucent Technologies
Discussion:
Status: NOTED

N1-050073 MT- SDP offer with IPv4 address.
Type: CR, 24.229
Source: Lucent Technologies
Discussion: Added bullet number 12) was not found correct.
Status: revised to N1-050364 which is further revised to N1-050385. N1-050385 is postponed to next meeting.

N1-050074 MO - Calls to IPv4 SIP terminals
Type: CR, 24.229
Source: Lucent Technologies
Discussion:
Status: revised to N1-050387 which is AGREED

N1-050075 SDP offer with IPv4 address in 200 (OK)
Type: CR, 24.229
Source: Lucent Technologies
Discussion:
Status: WITHDRAWN

N1-050076 Registration - Abnormal Case
Type: CR, 24.229
Source: Lucent Technologies
Discussion:
Status: AGREED

N1-050084 3rd party Registration in case of shared public user ID
Type: Discussion document
Source: Siemens
Discussion: There is a corresponding LS from SA2. The discussion document identifies a problem in the SA2 preferred method 1 which enhances the REGISTER for third party registration with additional information in contact header. It was agreed that it would require IETF work, which is not acceptable at this point as it would delay Rel-6 too much.

The principle to be studied further. TS 23.218 needs clarification as well.
Status: NOTED

N1-050085 3rd party Registration in case of shared public user ID
Type: CR, 24.229
Source: Siemens
Discussion: There will not be a CR on 23.218 on this issue. SA2 is asked to address open issues. We should inform SA2 that we cannot agree on the solution.
Status: postponed

N1-050109 Procedures related to sessions with/without local resource reservation required before completing the session
Type: CR 24.229
Source: Orange
Discussion: N1-050109 and N1-050235 are partly overlapping and they were merged to a joint revision in N1-050326.
Status: REJECTED (the content is incorporated in to N1-050326)

N1-050110 Discussion paper on the handling at the S-CSCF of specific reason codes sent by the HSS for deregistration in TS 24.229
Type: Discussion document
Source: Orange
Discussion:
Status: Principle is agreed related to CN1 parts of the proposal, CRs to be reviewed

N1-050115 Service Information
Type: CR, 24.229
Source: Orange
Discussion:
Status: WITHDRAWN

N1-050122 Term-IOI inserted by terminating MGCF
Type: CR, 24.229
Source: Orange
Discussion:
Status: WITHDRAWN

N1-050123 Routing from BGCF to BGCF
Type: CR, 24.229
Source: Orange
Discussion: It was found that the stage 2 requirement does not need further clarification in stage 3 document.
Status: REJECTED

N1-050129 Editorial corrections

Type: **CR, 24.229**
Source: **Qualcomm Incorporated**
Discussion: There was no Qualcomm delegate in the meeting, but the CR was seen straightforward and it was therefore agreed without presentation.
Status: **AGREED**

N1-050135 **Corrections to sub clause 5.5 in TS 24.229**
Type: **CR, 24.229**
Source: **LM Ericsson**
Discussion: The CR corrects misalignment between TS 29.163 and TS 24.229, which may lead to incompatible implementations.
Status: revised to N1-050328 which is revised to N1-050394 due to several editorial corrections needed. Clauses affected should be all mentioned in the cover page. N1-050394 is revised to **N1-050414 which is AGREED.**

N1-050136 **Record-Route for AS in proxy mode**
Type: **CR, 24.229**
Source: **Orange**
Discussion: In the section 5.7.4 describing the procedures for the application Server (AS) acting as a SIP proxy, it is added that: if the AS wants to remain in the SIP session signalling path for all subsequent requests related to this SIP dialog, it shall record-route prior to forwarding the request back to the S-CSCF.

Behaviour described in this proposal is allowed and already according to specification.
Status: rejected

N1-050329 is withdrawn (originally it was allocated for revision of N1-050136)

N1-050144 **Cleanups to 3GPP IMS management object**
Type: **CR, 24.167**
Source: **Ericsson / Atle**
Discussion: It was proposed to send this specification for approval in CN-27. The reason that it was not sent for approval in CN-26 was to receive comments from other organisations. As no feedback was received, CN1 reached the agreement to send it for approval.
Timers names to be corrected. “Identity” to be changed to “id”.
Status: **revised to N1-050330 which is AGREED**

N1-050145 **Corrections to the UE tables for 'major capabilities'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion: The SIP info method and the use of NOTIFY to establish a dialog are capabilities that are not used and it was proposed to reverse those changes.
It was proposed to specify below the table that anything not specified in the table is not supported.
Capabilities from 31 to 36 are changed to optional.
Status: **revised to N1-050332 which is AGREED** (documents N1-050332 – N1-050346 and N1-050351 can be in the same package. Most of the CRs changed the title, therefore CR database has to be corrected as well.) Lucent has to be added as a source company.
N1-050146 **Corrections to the UE tables for 'BYE'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion: The tables for BYE for the UE are corrected in this CR. Tables that are deleted should remain as “Void”.
Status: **revised to N1-050333 which is AGREED**

N1-050147 **Removal of the UE table for 'status codes'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: **revised to N1-050351 which is AGREED**

N1-050148 **Corrections to the UE tables for 'ACK'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: **revised to N1-050334 which is AGREED**

N1-050149 **Corrections to the UE tables for 'CANCEL'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: **revised to N1-050335 which is AGREED**

N1-050150 **Corrections to the UE tables for 'INVITE'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: revised to N1-050336 which is AGREED

N1-050151 **Corrections to the UE tables for 'MESSAGE'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: **revised to N1-050337 which is AGREED**

N1-050152 **Corrections to the UE tables for 'NOTIFY'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion: The tables for NOTIFY for the UE are corrected.
Status: revised toN1-050338 which is AGREED

N1-050153 **Corrections to the UE tables for 'OPTIONS'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion: The tables for OPTIONS for the UE are corrected in the CR.
Status: **revised to N1-050339 which is AGREED**

N1-050154 **Corrections to the UE tables for 'PRACK'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: **revised to N1-050340 which is AGREED**

N1-050155 **Corrections to the UE tables for 'PUBLISH'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: revised to N1-050341 which is AGREED

N1-050156 **Corrections to the UE tables for 'REFER'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: **revised to N1-050342 which is AGREED**

N1-050157 **Corrections to the UE tables for 'REGISTER'**
Type: **CR, 24.229**
Source: **Ericsson / Atle**
Discussion:
Status: revised to N1-050343 which is AGREED

N1-050158 Corrections to the UE tables for 'SUBSCRIBE'
Type: CR, 24.229
Source: Ericsson / Atle
Discussion: The tables for SUBSCRIBE for the UE are corrected.
Status: revised to N1-050344 which is AGREED

N1-050159 Corrections to the UE tables for 'UPDATE'
Type: CR, 24.229
Source: Ericsson / Atle
Discussion:
Status: revised to N1-050345 which is AGREED

N1-050160 Corrections to the UE tables for SDP
Type: CR, 24.229
Source: Ericsson / Atle
Discussion: Table A.319 (a=) that is deleted by this CR should be kept. This change will be reversed.
Status: revised to N1-050346 which is AGREED

N1-050202 Clarification of procedures for IMS provisioning parameters
Type: Discussion document on TS 24.167
Source: RIM
Discussion: This is a proposal to add more rules for the use of the IMS MO data fields for early IMS security case.
Comments were made against not duplicating or deviating from 24.229 requirements in this MO document. If some of the fields are intended to be used instead of the procedures defined in 24.229 then 24.229 CR would be more appropriate way to achieve that goal.
All the procedures should be defined in related TRs or TSs.
Nokia requested the document from OMA which explains more detailed requirements. OMA shall address the LS to CN with more explanation, it should not be a company contribution.
Status: revised to N1-050305
Some text added now is not in line with Ericsson CR on TS 24.167. Lucent finds that all the additions here should be done as informative notes.
Temporary Public User Identity will be left as normative sentence and reference to 24.229 shall be given. Drafting group will define what shall be referenced to 24.229.
N1-050305 is revised to N1-050393 which is AGREED. There is a related LS in N1-050388.

N1-050225 Filtering of the P-Access-Network-Info header by the S-CSCF and privacy rules
Type: CR, 24.229
Source: Lucent Technologies / Keith Drage
Discussion:
Status: AGREED

N1-050231 Handling to the deregistration of the old contact information
Type: CR, 24.229
Source: HUAWEI, Orange
Discussion: It was questioned if there was any requirement on this change in stage 1. Stage 2 in 23.228 currently seems very clear on the requirement on re-registration and it does not allow the behaviour proposed in this CR.
It was seen that a stage 3 CR is premature at this point, and the originator was requested to start the study of the new feature in the SA groups (1 and 2).
Status: REJECTED

N1-050232 Correction to the Registration procedure
Type: CR, 24.229
Source: HUAWEI
Discussion: The UE may indicate its capabilities and characteristics during IMS registration – it was proposed to specify the reference to IETF draft for UE capabilities.

Status: **revised to N1-050347.** The CR becomes r2, WI should be IMS2, references shall be corrected. **N1-050347 is revised to N1-050413 which is AGREED.**

N1-050235 Corrections to addition of session set-up not requiring preconditions and reliable transport of provisional responses
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**
Discussion: Structure of subclause 5.1.3.1 and 5.1.4.1 is revised to remove descent to header level 6.
Usage of term "precondition mechanism" is properly introduced, and then used consistently throughout.
Appropriate references to RFC 3312 are inserted.
N1-050109 and N1-050235 are partly overlapping.
Status: **revised to N1-050326 which is AGREED.**

N1-050236 Addition of IMS-ALG to profile tables
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**
Discussion: IMS-ALG is added to table A.3A, and appropriate entries for the IMS-ALG are added in the user agent tables.
Status: **revised to N1-050348 which is AGREED**

N1-050246 Pres and im URIs in incoming requests
Type: **CR, 24.229**
Source: **Nokia / Jozsef Varga**
Discussion: According to SA2 decision, pres: and im: URIs need to be supported for incoming requests as well. The CR defines the handling and routing of such URIs in incoming requests.
Status: **revised to N1-050349.** CR number 851 is allocated. Sentence to describe Request-URI to be added, cover page to be improved, note to be corrected. The CR is revised to **N1-050395** which is **AGREED.**

N1-050247 Clarification on P-CSCF-initiated call release
Type: **CR, 24.229**
Source: **Nokia / Jozsef Varga**
Discussion: "Coverage no longer available" is clarified, existing note corrected. Normative text is needed.
It was found out that the proposed notes are only a symptom of a more severe problem in case some of the PDP contexts are lost, not necessarily due to loss of radio coverage, and therefore it was agreed that more time is needed to agree a good solution. However, it was already seen that some changes on the normative text will be needed. Email discussion on CN1 and CN3 mailing list will be started to progress the issue.
Status: **postponed**

N1-050248 Reg event handling clarification
Type: **CR, 24.229**
Source: **Nokia / Jozsef Varga**
Discussion: CR contains the changes to subscription to the event providing registration state. The change was not clear and the meeting requested to improve the change and the reason for the change.
Status: **revised to N1-050350 which is WITHDRAWN**

7.4.4 Follow-up of IETF development of new SIP & SDP capabilities

N1-050066 Incorporation of draft-ietf-sip-rfc3312-update-03.txt
Type: **CR, 24.229**
Source: **Lucent Technologies / Keith Drage**

Discussion: The CR proposes to reference a new IETF draft. It was said that the this RFC3312-update draft is already in the RFC editor's queue, so it should be safe to add a reference to it without risking the Rel-6 schedule.
It was discussed whether also Rel-5 CR would be needed, to avoid compatibility problems between Rel-5 and Rel-6 IMS. Nobody was able to identify any compatibility issues between the initial RFC 3312 and the update draft, so it was assumed that Rel-6 change is sufficient.
Status: AGREED

7.5 WLAN

N1-050102 On 3GPP IP access independence
Type: CR, 24.234
Source: Nokia
Discussion:
Status: revised to N1-050267 which was revised further to N1-050331 before the presentation. N1-050331 is revised to N1-050356 to provide summary of the change and note revision number. The added text shall be moved to more general section. The text regarding Fast re-authentication mechanism shall be put into the note. **N1-050356 is AGREED** as revision 3 and should be in separate package as some companies may need to check it.

N1-050103 IP addressing in 3GPP IP access
Type: CR, 24.234
Source: Nokia
Discussion:
Status: WITHDRAWN

N1-050200 PLMN selection for WLAN
Type: CR, 24.234
Source: RIM
Discussion: This is linked to N4-050339 (CR to 23.003 that adds the definition of alternative NAI). The dependency should be covered in the cover page. Correction of the typo needed.
Status: revised to N1-050352 which is AGREED without presentation

N1-050208 Fallback to full authentication
Type: CR, 24.234
Source: Ericsson
Discussion:
Status: revised before the presentation to N1-050327. N1-050327 is revised to N1-050354 due to wrong file name. **N1-050354 is AGREED without the presentation.** Outgoing LS to SA3 related to this will be in document N1-050355 (N1-050354 shall be attached to the LS).

N1-050224 Correction of Abbreviation Usage
Type: CR, 24.234
Source: Lucent Technologies / Keith Drage
Discussion: This CR corrects abbreviation listing and expansion of first usage consistently throughout the specification.
The opportunity has also been taken to remove a number of hanging paragraphs, precluded by the drafting rules.

Correction of the sub clause number needed and the CR will be category D. At this point in time there should be no specific references to 24.234 sub clauses from the other specifications, so it was seen safe to change the numbering still in this meeting before foreseen Rel-6 freezing
Status: revised to N1-050353 which is AGREED without the presentation

7.6 Subscriber Certificates

N1-050241 Editorial corrections
Type: CR, 24.109
Source: Nokia / Jozsef Varga
Discussion: Added NOTE1 shall be either normative text or the note above the title of the figure 5.2-1. Category to be changed from D to F.
The last editor's note identifies an action point to register the new content-type with IANA. MCC was requested to carry out this task.
Status: revised to N1-050357 which is AGREED. CR number 11 is allocated.

N1-050242 PSK TLS updates
Type: CR, 24.109
Source: Nokia / Jozsef Varga
Discussion: Conditional approval by CN1 will be requested; the decision whether PSK TLS is kept in Rel-6 is made in SA3 meeting (next week). The precise CR that is linked to this CR has to be found and edited in the CR cover page.
The CR shall be in separate package for conditional approval on the condition that the corresponding SA3 CR is also approved.
Status: revised to N1-050358 which is AGREED

7.7 Network sharing

7.8 Other

N1-050047 Correction of the heading of sub clause 4.7.3.1.6, bullet d.1
Type: CR, 24.008
Source: Siemens
Discussion:
Status: AGREED

N1-050138 Missing Messages in MM and CC Summary Tables
Type: CR, 24.008
Source: Vodafone
Discussion:
Status: revised to N1-050359 which is AGREED without presentation

N1-050139 Missing Messages in MM and CC Summary Tables
Type: CR, 24.008
Source: Vodafone
Discussion:
Status: WITHDRAWN

N1-050142 Transparent data call request in dual mode case
Type: CR, 24.008
Source: Nokia
Discussion:
Status: revised to N1-050249 without the presentation.

N1-050249 Transparent data call request in dual mode case
Type: CR, 24.008
Source: Nokia
Discussion: A dual mode UE supporting transparent bearer services, e.g. CS multimedia, in UMTS but not in GSM, attached in a GSM radio network, has no means to indicate to the network that it would like to set up such a call. Consequently, the network does not know that an intersystem handover should be initiated to make the call setup successful.

By setting all Acceptable Channel Codings to 'Not Acceptable' in the call setup BCIE, the UE indicates to the network that the UE does not support the requested service in A/Gb or GERAN Iu mode, and an intersystem handover is needed before the call creation can proceed. Similarly, while in UTRAN Iu mode, the network gets informed that the UE does not support the service in A/G or GERAN Iu mode.

NEC would like to have SA1 clarification and more stage2 clarification for this change.
It was commented also that there are possible dependencies on SCUDIF (NEC) and there was an opinion that there is no mandate for this change.

It was commented that category F is questionable as the CR seems to add new functionality.
It was also commented that the principle is already known and in use for directed retry during call setup.
It was suggested that the functionality could also be achieved via indication in MS CM information.
It is proposed to consider this CR as release independent and implementable on earlier releases also if agreed. Ericsson finds that there is already requirement present

23.009 is the main HO specification. There was a question whether 23.009 need to be changed?
Status: revised to N1-050372. Related LS is in N1-050386.
N1-050372 is revised to N1-050398. CR category is C which indicates functional modification of the feature. **N1-050398 is postponed to next meeting** as it was not seen feasible to proceed in this meeting.

N1-050143 SETUP Message Enhancement for Voice Video Switching
Type: CR, 24.008
Source: Vodafone
Discussion: "Circuit Switched Video and Voice Service" has an acronym assigned in the WP belonging to SA2. This acronym should be used as WI in this CR, although there is no CN1 building block assigned.
Consequences if not approved to be corrected (The mobile is unable signal a redial attempt to the core network…)
It was proposed to study the SA2 TR 23.903 which specifies video-voice switching.
Status: revised to N1-050360

N1-050360 SETUP Message Enhancement for Voice Video Switching
Type: CR, 24.008
Source: Vodafone
Discussion: The CR is specifying that if the call is a redial attempt to switch from voice to video or vice-versa, the SETUP message shall include the Redial information element.
The understanding of the meeting was that if the mobile does "Redial" it needs to include Redial information element.
It was proposed to specify that if the mobile does the "Redial" according to 3GPP TR 23.903 ("Redial solution for voice-video switching"), it shall include Redial information element.
Ericsson commented that "shall" is not appropriate in this case, as it is not intention to mandate terminals to support this. It was commented also that the existing technical report does not give enough requirement for stage 3 changes (TS 24.008). Ericsson does not see this change as the essential part for this service.

It was asked when the linked CR to TS 23.009 will be provided. It was clarified that it does not exist yet.
Status: POSTPONED

N1-050186 Management Based Activation Impacts
Type: CR, 29.018
Source: Ericsson
Discussion: This CR adds the necessary impacts to enable IMEI(SV) provisioning for Management Based Activation of a Trace Session in an RNC when a combined RAU/LU procedure takes place.

CRs to 29.002, 23.012, 23.018 are linked with this CR. It should be submitted as a separate package to the plenary.
In Section 6.2.1 trace activation has to be added as well.
Status: revised to N1-050361 which is revised to N1-050396. "if the network supports" shall be removed from the added sentence. **N1-050396 is AGREED without presentation.**

N1-050189 Addition of domain specific access control
Type: CR, 24.008
Source: NTT DoCoMo
Discussion: The cover page indicates that the core network is impacted. N1-050189 and N1-050191 are on the same topic.
The following explanation to be added at the end of the first change: If the PS or CS domain is barred because of domain specific access control, a GPRS MS operating in mode A or B in a network that operates in mode II or III shall use the MM specific procedures or GMM specific procedures, respectively, in the domain which is unbarred. If the MS detects that a domain changes from barred to unbarred, it shall behave as specified in sub clauses 4.4.4.9, 4.5.1.2, 4.7.3.1.5, 4.7.5.1.5, and 4.7.13.5.
Status: revised to N1-050310 which is further revised to N1-050365

N1-050365 Addition of domain specific access control
Type: CR, 24.008
Source: NTT DoCoMo
Discussion: Double revision marks to be removed.
Status: revised to N1-050417 which is AGREED.

N1-050190 Addition of domain specific access control description
Type: CR, 23.122
Source: NTT DoCoMo
Discussion: Rel-7 mirror CR needed. Impact on Core Network to be marked.
Status: revised to N1-050362 which is AGREED
N1-050363 is mirror CR for Rel-7 (CR-89) and is AGREED.

N1-050191 Introduction of domain specific access control
Type: CR, 24.008
Source: Siemens, Infineon Technologies
Discussion:
Status: revised to N1-050268 before the meeting

N1-050268 Introduction of domain specific access control
Type: CR, 24.008
Source: Siemens, Infineon Technologies
Discussion: Document N1-050268 and N1-050310 are two alternative solutions.
NTT DoCoMo is using parts of existing mobile implementations.
When there is a CS call, the mobile can delay the periodic routing area update.
Siemens proposal introduces new periodic update timer T3290 and T3390.
Domain specific baring shall be covered.
More delegates were in favour of NTTDoCoMo proposal as a base for further revisions (N1-050310). However, some material from this document may need to be taken into account for that revision.
Status: REJECTED
N1-050192 Provision of MS specific UTRAN capabilities for the PS handover from GERAN to UTRAN
Type: CR, 24.008
Source: Siemens, Infineon Technologies
Discussion: N1-050192 and N1-050275 are alternative proposals on the same issue.
There should be clear definition whether compressed or uncompressed UE radio access capability is sent. SGSN has to store it and it gives it to RNC in the time of handover. It was commented that compression is defined since Rel-5.

There was another proposal to send the LS to GERAN to confirm which one is the right choice – sending of compressed or uncompressed form.
This proposal was seen more optimal as the RAC info is only sent when the network has requested it.
It was agreed that either non-compressed or compressed info should be sent, but not both.
Status: revised to N1-050366. In section 4.7.5.2.3 “and/or” shall be replaced by “or”.
Correction of the bulleted list needed to indicate that any of the three items trigger the defined response and the alignment in sub clause 9.4.3 with 9.4.16. **N1-050366 is revised to N1-050404 which is AGREED without presentation.**

N1-050193 GPRS attach type while in DTM
Type: CR, 24.008
Source: Siemens, Infineon Technologies
Discussion: It is clarified that a GPRS MS in MS operation mode A shall perform the normal GPRS attach procedure during an ongoing circuit-switched transaction independent of the network operation mode.
It was asked why the impact on core network is marked on the cover page. Highlighted text that is not changed shall not be highlighted.
Consequences if not approved shall be clarified.
Status: revised toN1-050367 which is AGREED without presentation

N1-050194 Detach for PS and CS during a ongoing CS connection
Type: CR, 24.008
Source: Siemens, Infineon Technologies
Discussion: The CR clarifies, that a combined or IMSI detach via the GMM detach procedure may only be performed if no circuit switched transaction is ongoing.
If the circuit switched transaction is ongoing, why the detach from it is specified in a new added paragraph? The call is interrupted with an detach in that case? Detach for non-GPRS services shall not be specified, or alternatively left to implementation issue how the CS call is handled. New added paragraph to be removed.
Status: revised to N1-050368 which is AGREED

N1-050195 Condition for Combined RAU after a DTM connection
Type: CR, 24.008
Source: Siemens, Infineon Technologies
Summary of change: It is clarified, that A GPRS MS in MS operation mode A shall initiate the combined routing area updating procedure with IMSI attach after the circuit-switched transaction has been released if a GPRS attach or a routing area updating procedure with update type "normal routing area updating" was performed during the circuit-switched transaction and provided that the network operates in network operation mode I
Discussion: Wording in a new introduced bullet to be improved in the revised version. Check box in the on impacted areas on the cover page to be corrected. Highlighting to be removed.
Status: revised to N1-050369 which is AGREED

N1-050197 Clarification on locking shift procedure
Type: CR, 24.008
Source: NTT DoCoMo
Discussion: Motorola finds that the new functionality is introduced by the change and there might be a problem with backwards compatibility.
There was a discussion on whether the error detection of comprehension required applies to shifted code sets.
It was found out that there are different interpretations by the mobile station implementers, and consequently some of the existing mobiles apply the error handling of unexpected comprehension required IEs to shifted codesets, while some do not.
It was agreed that uniform behaviour of mobiles needs to be defined, either one way or the other. The document was postponed as companies needed a time to check current implementations and whether there is a backwards compatibility problem.
Status: POSTPONED

N1-050201 Modification of MS Behaviour under GPRS Attach with Reject Cause #14
Type: CR, 24.008
Source: RIM & Motorola
Discussion: This CR is introducing a proposal for the case when the mobile is roaming in the country where preferred PLMN is not indicated on the preferred PLMN list.
The CR allows optionally to an MS in operation mode A or B to perform a PLMN selection if a GPRS Attach results in Reject Cause #14. This behaviour is already allowed for an MS in operation mode C.
Otherwise, a user will remain on a PLMN that cannot provide GPRS service even though a PLMN that can provide the user with GPRS service may be available.

Condition in additonal new paragraph is not sufficient. It could be stated that the selected PLMN has the highest priority. The principle is agreed, but the improved wording will be agreed offline and provided in the revised version of the CR.
There was a principle question whether to specify this in Rel-6. SA WID has to be checked before providing the revised version which will determine the Release for this change.
Service based PLMN selection feasibility was questioned.
Status: revised to N1-050370. Editorial corrections still needed, therefore the CR is **revised to N1-050405 which is AGREED without the presentation,** however N1-050405 will be provided in separate package for the plenary approval, because at least one company fails to find any requirement on this work in neither SA1 specifications nor TSG SA meeting reports.

N1-050209 Transferring of UTRAN related information via SGSN in order to support PS Handover for GERAN A/Gb mode
Type: CR, 24.008
Source: Ericsson
Discussion: N1-050192 is alternative proposal and it is taken as the base for further corrections.
Status: revised to N1-050275 before the presentation which is REJECTED

N1-050210 Comments on the PS Handover Stage 2
Type: CR,
Source: Ericsson
Discussion: This contribution analyses the current PS Handover stage 2 specification (i.e. 3GPP TS 43.129) and describes some alternative proposals to simplify the impacts on core-network protocols while fulfilling the requirements outlined in 3GPP TS 43.129.
The existing legacy core-network procedures are re-used as much as possible while keeping fully the PS handover functionality defined by 3GPP TS 43.129.

Siemens could not agree on ciphering procedure as in this proposal. It was commented that reset of ciphering can not be avoided, as even if all state information related with ciphering in the network is transferred to the new AN node, some of it will be outdated by the time the UE is detected to access the new cell. This is due to handover being prepared during an ongoing transmission in the old cell.
Status: NOTED, all the comments will be marked in outgoing LS

N1-050228 Adding the Application Charging Identifier
Type: CR, 24.229
Source: HUAWEI
Discussion: It was questioned how the ACID is encoded, and what are the related procedures in the IMS network elements.
It was also commented that the CN1 has not received sufficient information on how the ACID should work to define the procedures for generating processing the ACID. More detailed requirements from SA2 and SA5 are expected
Status: POSTPONED, no decision reached. LS back to SA5 will be in N1-050371 (reply to N1-050023)

8 Release 7

8.1 Protocol impact from providing IMS services via fixed broadband

N1-050086 TR for IMS services via fixed broadband
Type: Technical report
Source: Siemens
Discussion: The document contains the first draft of the TR proposed to describe the FBI WI. TR number should be allocated by MCC. It was commented that there should be very clear guidance on how the TR should look in respect to other specifications.
This TR shall be a guidance for changes needed in TS 24.229. If changes to 24.229 are done and if there are impacts to TR, this should be mentioned in the CR, or the editor of the TR will be tasked to trace changes that have the impact on this TR.

There is already a WI in TISPAN containing 3GPP use cases. If there are requests for change from SA3 or TISPAN, TR is not supposed to be changed, but the relevant TS.

The issue is how to move the informative TR to normative TS. If there are any controversial issues, then they should be brought to this TR by the CR.

Working assumption:
- It was agreed to start maintaining the proposed new TR on the IMS changes due to NGN.
- The TR was agreed to be CN-wide, with CN1 the main responsible group. Different CN WGs will be responsible for full main clauses in their area of expertise to minimise the problems caused by shared maintenance responsibility.
- It was agreed that in CN1 area of the TR we start writing detailed changes against the TSs under CN1 control with the aim of collecting material that can be easily converted into CRs on the normative specifications.
- The delegates are expected to submit their contributions on the TR to the WG that is responsible for the affected specification(s).
- It is not expected that CN1 would need to review or endorse all changes in the TR on those areas which are under the control of CN3 or CN4.
- The precise mechanism how to maintain the document was left open for the rapporteur to define a practical solution.
- Once the TR stabilises the resulting CRs against the other specifications are treated according to the usual 3GPP workflow.
- Even though the TR is started now, it does not prohibit NGN related CRs being made against the reference version of the CN1 IMS specifications.
- The MCC was requested to define a real TR number.
- As the document is not under the version control yet, the rapporteur was requested to collect comments and to prepare the next version offline before the next CN1 meeting.
- The TR will not be restricted to TISPAN initiated NGN changes, but any changes in NGN area can be covered.

Status: revised to N1-050373 which is AGREED. This version of the TR will be sent to CN1 and CN3 e-mail list for information.

N1-050087 Inclusion of History Header in TS 24.229
Type: Discussion document
Source: T-Mobile
Discussion: The meeting is asked to discuss if the inclusion of the History-Information Header and SIP Reason header extension for indicating redirection info the TS24.229 and to support/force the work on the SIP Reason header extension for indicating redirection.

The Draft TISPAN document for the NGN simulation Services Communication Diversion is added to this contribution.

Status: **NOTED**

N1-050088 **History Info Header**
Type: **CR, 24.229**
Source: **T-Mobile**
Discussion: It was decided to take this proposal as the working assumption and to include it in the new version of the TR that will be produced after the meeting. The CR was considered against 24.8ab, not 24.229.
Status: **NOTED**

N1-050089 **Inclusion of MWI RFC3842 in TS 24.229**
Type: **Discussion document**
Source: **T-Mobile**
Discussion:
Status: **NOTED**

N1-050090 **MWI RFC3842**
Type: **CR, 24.229**
Source: **T-Mobile**
Discussion: For supporting the TISPAN NGN simulation service "Message Waiting Indication" in the TISPAN IMS the addition of the RFC3842 (A Message Summary and Message Waiting Indication Event Package for the Session Initiation Protocol (SIP) August 2004) is introduced.
It was discussed whether the indication of available message is applicable to mobile terminals. It was seen that it could be useful and it actually does mimic the existing CS domain voice mail waiting (short)message, but CN1 could not confirm the service requirements in this area.
The CR was considered against 24.8ab, not 24.229
Status: **revised to N1-050375** which is taken as the working assumption and will be included it in the new version of the TR that will be produced after the meeting

N1-050184 **Early media using multiple dialogs**
Type: **Discussion document**
Source: **LM Ericsson**
Discussion:
Status: noted

N1-050185 **Early media using multiple dialogs**
Type: **CR, 24.229**
Source: **LM Ericsson**
Discussion: The document tries to fulfil the requirements for IMS based supplementary services to send early media/announcements. This is also Rel-7 CR.

It was decided to take this proposal as the working assumption and to include it in the new version of the TR that will be produced after the meeting, but in a separate clause where it is clearly identified that this is not intended to go into any of the CN1 TSs.
It was commented that early media is not specifically NGN related, but the issue was brought up under NGN discussion as it increases the likelihood of early media being offered.
It was also said that the proposal is, even though a feasible one, just one possible way to use AS and CN1 does not need to document these.
It was seen useful to document the AS use in relationship with supplementary services, however, 24.229 was not seen the right place for such documentation. The CR was considered against 24.8ab, not 24.229

Status: **it will be placed in the separate clause of the TR (the principle of the work on this TR will be forwarded to CN4 and CN3)**

8.2 VGCS enhancements

N1-050048 Support of talker priorities and talker identity presentation
Type: CR, 43.068
Source: Siemens
Discussion: It was indicated that the proposed solution does not address all VGCS modes. The originator did not consider it very likely that a solution that covers all cases can be designed.
Offline discussion on this topic was encouraged.

Orange France support the Nortel in a request to have a solution that covers both implementations. Siemens commented that the CR was available for 3 months and there was no comment by now. Siemens has a concern that postponing the document to wait other proposal would delay the solution for several months.

This is only stage 2, Rel-7 CR. Nortel commented that they would not like to delay the work, but to work actively with interested companies between two meetings and find a final solution for the next meeting.

This is related to new WI (related to sending SMS to a group).Some clarification from SA is needed to find a solution that covers all VGCS modes.

Fig4b spelling correction of DISCONNECT to be corrected. There is a number of instances "shall be able to" which has the same meaning as "can". Other technical comments are collected and the document will be postponed.
Ericsson encouraged to approve this CR if there is no counter proposal, as the WI was approved by the plenary 6 months ago.Alcatel is also supporting the CR.
It was requested to allocate an earlier agenda item for this WI. Offline discussion on this topic was encouraged.
Status: revised to N1-050378 which is WITHDRAWN

N1-050091 Improvements of VGCS in public networks for parallel use of services
Type: WID
Source: T-Mobile
Discussion: This is a new WID for Improvements of VGCS in public networks for parallel use of services. There is a need for further improvements, not directly concerning the group call but the use of other services in parallel (e.g. SMS to single users during an active group call, use of GPRS in parallel to a VGCS.

The objective of this work item is to create the required change requests to exsting VGCS specifications and related specifications to enhance VGCS with the additional capabilities to support other services in parallel.

Ericsson is added as a supporting company besides T-Mobile, Siemens and Vodafone. Existing WI on Enhancements of VGCS in public networks for communication of public authority officials (NP-040435) is linked WI to this.

Unique ID shall be shown for linked Work Items. As it is CN wide work item it should be desirable to mention which working group is responsible for which specification. This WI is intended to be parallel to unique ID 11045 under the main feature 31049 (SA WI), i.e. additional to unique id 11045 in the Work Plan.
Status: revised to N1-050379 which is AGREED by CN1, endorsed by CN4

8.3 Emergency Call Enhancements for IP& PS Based Calls – *stage 3*

No documents under this agenda item submitted for this meeting.

8.4 IP Multimedia Core Network Subsystem - IMS Stage3 Protocol Evolution

No documents under this agenda item submitted for this meeting.

8.5 Trace Management, stage3, IMS

N1-050300 WID on Trace Management, stage3, IMS
Type: Work Item Description
Source: Nokia, Nortel Networks, Orange, Vodafone
Discussion: The following tasks for CN groups are defined in SA5 "Rel7 - Trace Management" Work Item Description:

- CN1 on trace activation/deactivation over SIP between IMS entities;
- CN4 on trace activation/deactivation over Cx;

This is CN Rel-7 WI for Trace management that shall be entered in the WP under the SA5 WI for Rel-7. Currently there is only one Trace management task in the WP for Rel-6. Rel-7 SA5 and CN WI shall be created in the WP and this WI shall be updated with correct Unique id.
Status: **AGREED by CN1**, endorsed by CN4

8.6 Other Rel-7 work items

N1-050067 Treatment of 3xx responses by IMS
Type: Discussion document
Source: Lucent Technologies / Keith Drage
Discussion: This contribution examines the issues involved in processing SIP 3xx responses, and seeks to identify if additional requirements need to be specified over and above those indicated in the IETF specifications which are already referenced. This contribution is submitted to both 3GPP WG CN1 and 3GPP WG CN3 for discussion.
It was seen that the issues identified in the document require further action in CN1 (Rel-7).
Status: NOTED, further CN1 action needed

N1-050068 Handling of non-SDP bodies within SIP messages
Type: Discussion document
Source: Lucent Technologies / Keith Drage
Discussion: This contribution seeks to clarify the handling of non-SDP message bodies within the IM CN subsystem. This discussion is also ongoing in TISPAN.
It was agreed to clarify in 24.229 that we are not putting any requirements on message bodies – they pass through the IMS network elements in a transparent manner. A CR to reflect this will need to be considered
Status: NOTED

N1-050069 Redirection and ISUP transparency
Type: Discussion document
Source: Lucent Technologies / Keith Drage
Discussion: This contributions examines some use cases that have recently been endorsed as being part of current IMS by SA1, and examines the best manner of supporting those use cases.
Status: NOTED

N1-050099 Performance improvement of MM/GMM signalling procedures in UMTS
Type: Discussion document
Source: Motorola
Discussion:
Status: NOTED

N1-050100 Performance improvement of MM/GMM signalling procedures in UMTS
Type: CR, 24.008
Source: Motorola
Summary of change: The following changes are proposed:
In UMTS, whenever a CS signalling connection establishment is initiated over an existing RRC connection and the UE receives a RRC connection release with some specific cause value prior to the receipt of any response from the CS Core Network, then this should not be

considered as a lower layer failure and it should be possible for the UE to retry the ongoing procedure immediately.
In UMTS, whenever a GMM procedure is initiated over an existing RRC connection, and the UE receives a RRC connection release with some specific cause prior to the receipt of any response from the PS Core Network, then this should not be considered as a lower layer failure and the ongoing procedure should be retried.
In UMTS, whenever a GMM procedure is initiated over an existing PS signalling connection, and the UE receives a RRC connection release or PS signalling connection release prior to the receipt of any response from the PS Core Network then this should not be considered as a lower layer failure and the ongoing procedure should be retried

Discussion: It was asked whether these changes are needed and whether this should be left as an implementation issue.
It was asked also whether test specifications shall be changed accordingly as well. There was opinion that there is no need to clarify abnormal cases that are unlikely to happen. The only justification is that operators need to know what happens in case of certain cause code**.**

Comments were received and the originator considered it not possible to produce a revision during this meeting.
However, no objections against the principle were made, so it is expected that a revised version is submitted to the next CN1 meeting
Status: POSTPONED

N1-050101 Minor Clarifications to EHPLMN handling
Type: CR, 23.122
Source: Motorola
Discussion: The CR amends definition of VPLMN in 1.2 and adds corrections to 4.4.3.3 to use the term EHPLMN rather than just HPLMN.
In the first sentence of the clause 4.4.3.3. the plural for HPLMN shall be used.
Status: revised to N1-050380 which is AGREED without presentation

N1-050214 Selective Disabling of UE Capabilities
Type: Discussion document
Source: Ericsson
Discussion:
Status: NOTED

N1-050219 Summary of ETSI TISPAN activities in support of interworking discussion documents
Type: Discussion document
Source: Lucent Technologies / Keith Drage
Discussion:
Status: NOTED

N1-050226 Selective Disabling of UE Capabilities
Type: CR, 24.008
Source: Ericsson
Discussion: This document was submitted for information and review in this meeting. It was proposed by the originator that we can not commit to agree in CN1 to a single solution yet, as the latest revised version of the WID on SDoUE, which is being sent for approval at the next TSG SA meeting, has identified the need for a TR in SA2 to review the impact of different solutions on the overall architecture
Status: NOTED

N1-050104 CSI: Transfer of E.164 number in SIP
Type: Discussion/approval
Source: Nortel Networks
Discussion: SA1 and SA2 have approved Work Item Descriptions for standardizing Combinational Services. Combinational Services addresses the capability for combining CS

and IMS services and Radio/Terminal capability information. The CSI phase 1 capabilities are:

- Radio capability exchange;
- SIP based terminal capability exchange;
- E.164 number exchange in SIP
- Adding IMS session to an ongoing CS call;
- Adding CS speech call to an ongoing IMS session.

This discussion document describes a mechanism for transferring the E.164 number within SIP.
Status: **NOTED**

N1-050105 **CSI: Radio Capability Exchange in SIP**
Type: **Discussion/approval**
Source: **Nortel Networks**
Discussion: This discussion document describes a mechanism for exchanging the radio network capabilities, in particular the scenario in which the IMS session is created first.

It was commented that the current SA2 work in this area seems to identify the protocol to be used, but does not define the requirements that would be needed to specify the necessary syntax for the radio capability and the procedures that use it.

CN1 finds that there is no sufficient requirement and the guidance from SA1 and SA2 is needed.
Status: **NOTED**

9 Output Liaison Statements

N1-050206 **Draft Reply LS (to R2-050272) on AS-NAS interaction for MBMS**
Type: **LS OUT**
Source: **CN1 (drafted by Ericsson)**
Discussion: This LS is Response to LS (N1-050032/R2-050272) on "Reply LS (to N1-041944) on AS-NAS interaction for MBMS.
CN1 would like to inform RAN2 that a CR has been agreed at CN1#37 which introduces the mapping of the appropriate NAS procedure (i.e. Service request with type "MBMS notification response") to RRC establishment cause. Therefore, TS 24.008 is updated in the Annex L to reflect the mapping of this NAS procedure. This allows the network (RAN) to record the attempts of the NAS procedure Service request with service type "MBMS notification response" initiated by the UE.

Regarding the MBMS bearer capabilities and its usage, CN1 would to bring to the attention of RAN2 that the MBMS bearer capabilities was specified by SA2 in TS 23.246. Afterwards, CN1 was requested to include the MBMS bearer capability and its usage into CN1 specifications (i.e. TS 24.008). Therefore, what CN1 has specified is the mechanism at core network protocols for the UE to inform the SGSN about its MBMS bearer capabilities during the MBMS Multicast service activation procedure.

It's CN1 understanding that the MBMS bearer capabilities is not directly related to the AS of the UE and its radio access capabilities in one specific radio access technology (e.g. UMTS), but more related to higher layer capabilities in the UE to receive MBMS data (maximum bit rate for downlink). However, CN1 would like to invite SA2 to clarify the MBMS bearer capabilities and its need and usage to both RAN2 and CN1 taking into the account the concerns raised by RAN2.
Status: **AGREED**

N1-050269 **LS to GERAN, SA2 on conversation services in A/Gb mode via PS domain**
Type: **LS OUT**
Source: **CN1 (drafted by Ericsson)**

Discussion: CN1 would like to inform GERAN that it has reviewed the Stage 2 specification 3GPP TS 43.129 v6.0.0 on 'Packet-Switched handover for GERAN A/Gb mode'.

CN1 has studied the 3GPP TS 43.129 and CN1 has taken note that the current version of 3GPP TS 43.129 does not reuse the legacy core-network procedures, but impacts all layers above the RR-sub layer. Certainly, new error cases will be created by newly defined procedures. Furthermore, extensive updates in terminals are required.

Alternative proposals to simplify the impacts on core-network protocols have been proposed at CN1#37. Additionally, a set of CRs has been provided for information aiming at fulfilling the requirements outlined in 3GPP TS 43.129 in an alternative way. These CRs include proposals to minimize core-network protocol impacts by re-using existing mechanisms, e.g. the XID Command – XID Response and SABM-UA procedures, to a larger extent than foreseen by 3GPP TS 43.129.

CN1 will investigate this further and one company has volunteered to try to complete the CN1 work related to the PS Handover feature within Rel-6 at next meetings.

It was proposed to delete the detailed description of the content of the CRs.
Status: **revised to N1-050406 which is AGREED**

N1-050270 Misalignment amongst the 3GPP specifications, "Re-authentication and key set change during inter-system handover"
Type: **LS OUT**
Source: **CN1 (drafted by Ericsson)**
Discussion: This LS is sent to SA plenary and copied to SA3, CN, RAN, RAN3 and RAN2. At CN1#33, a misalignment amongst the 3GPP specifications on handling of key sets from R99 between the terminal and the network was identified. At that meeting, CN1 concluded that the inter-system handover from GERAN to UMTS procedures after re-authentication (i.e. 'late AKA') would always fail, if the handover occurred before the new keys were taken into use. Since CN1 was of the opinion that a re-authentication in the CS domain may be a rare event in R99 and also to avoid creating problems for the existing R99 mobiles, corrections in Rel-5 and onwards were judged to be sufficient.

The misalignment among 3GPP specifications leads to undesirable effects and call drops in the CS domain, because ciphering and/or integrity protection fails. In that end, CN1 informed all affected Working Groups via LS in N1-040501 to verify CN1's understanding and if so, align their respective specifications accordingly.

CN1 has approved Rel-5/6 CRs in NP-040099 and N1-040498 in CN1#33, and further in N1-041074, N1-041075 in CN1#34.

SA3 informed CN1 in N1-041319 (S3-040436) that SA3 shared the understanding of CN1 in regards to the inconsistency on key set use after intersystem handover if AKA was run prior to intersystem handover, and aligned TS 33.102 accordingly.

RAN3 informed CN1 in N1-041321 (R3-040944) that CN1's understanding was correct that the MSC can provide only one key set to the RNC with the RANAP Relocation Request message. The key set provided in the message will be used by RNC after the handover.

After exchange of a few more LSs between CN1 and RAN2 (N1-041322, N1-041519), RAN2 finally informed CN1#37 in N1-042013 (R2-042611) that RAN2 will not align their TS 25.331 with approved stage 2 and stage 3 in other Working Groups. In this LS RAN2 states that to introduce this change now would lead to many UEs which are using the current version of the specifications to suffer more problems whenever the proposed behavior will occur. RAN2 finds that because the situation raised does not exist in current network deployments, the impact of not accepting this change will be minimal.

CN1#37's understanding and response to RAN2's conclusions are:

1. RAN2 does acknowledge that the problem exists, but yet is not willing to change their specification in Rel-5 and onwards.
2. In CN1's view, the statement about *"pre-Rel-5 UEs suffering more problems when the proposed behaviours occur"* is incorrect. Those UEs would continue behaving as today, i.e. drop the call if late AKA happens before the handover.

There is at least one MSC implementation that would perform late AKA. The reason for the situation not to exist in the current deployments at this time is that the function can be switched off by the operator to avoid 'late AKA', in order not to cause troubles with existing R99 mobiles after handover. But this is at the cost of reduced security in the system and as such, for Rel-5/6 this 'security hole' must be closed. As an example, in GSM it is possible that MSC omits authentication for a specific access, because subscriber was authenticated in a previous access. When MSC then starts ciphering and algorithms supported in MSC and MS does not match, BSC then may choose 'no encryption' for the connection (GSM TS 12.03, chapter 4.3.1). In this case, MSC should do a 'late authentication' after it realizes that the connection will be unencrypted (GSM TS 12.03, chapter 6.2.1).

If an operator chooses to enable the feature in Rel-5, the system would fail. The result would be increased call drops, decreased revenue for operators and a bad user perception.

At this junction, CN1 would like to bring the issue to the attention of the SA plenary and to seek guidance.
Status: **AGREED**

N1-050271 **Reply LS (to R3-041648) on MBMS Information Elements over Iu interface**
Type: **LS OUT**
Source: **CN1 (drafted by Ericsson)**
Discussion:
- CN1 would like to inform RAN3 that the RAB id has the same format as the NSAPI and it is 1 octet as already identified by RAN3. Furthermore, CN1 would like to point out that the coding of the RAB id and NSAPI (as currently defined by TS 25.331 and TS 24.008 respectively) is consistent.

- CN1 would like to indicate also that the IP Multicast address and the APN parameters are transparent to the RAN via the core network protocols specified by CN1. In addition, the IP Multicast address is coded as a Packet Data Protocol address IE, which is defined in TS 24.008, sub-clause 10.5.6.4. This IE has a variable length from 3 to 19 octets. The length of the IP Multicast address varies depending on whether IPv4 (with a length of 4 octets) or IPv6 (with a length of 16 octets) is used. Additionally, the APN is encoded as an Access Point Name (APN) IE (defined in the sub-clause 10.5.6.1 of TS 24.008) with a minimum length of 3 octets and a maximum length of 102 octets.
This LS is drafted to be sent to RAN3 and to be copied to GERAN2, SA2, SA4, CN3, CN4, RAN2.
Status: **AGREED**

N1-050272 **LS to SA2 on third party registration**
Type: **LS OUT**
Source: **CN1 (drafted by Siemens)**
Discussion: CN WG1 thanks SA WG2 for their LS on 3rd party registration and shared public user identities (S2-043858 / N1-042093).

A solution based on additional information in the contact header as proposed in the LS from SA2 is not feasible as this would lead the application server to fork requests .In addition this breaks the current concept that from an AS point of view there the AS is the only contact and that the AS does only have one binding (S-CSCF/public user ID).

Another solution was proposed to solve the issue. This proposal is based on a modified 3rd party REGISTER, i.e. the S-CSCF sets the timer in expires parameter of the 3rd party REGISTER sent to the AS to the longest value of expiration that is available for that particular public User ID. This solution has no backward compatibility issues from the AS point of view.

Using this solution the AS will not have knowledge of individual contacts (terminals) for the public user ID. However, further study of the impacts of filter criteria handling on this solution is needed. The solution was not agreed.

In case the AS wants to get detailed information of the status of the public user ID then subscription to the reg-event package is the appropriate mechanism.
CN1 would like to get guidance whether a solution based on expires parameter as proposed is acceptable from an architectural point of view.
Status: **AGREED**

N1-050273 **Reply LS on "S-CSCF client address comparisons and their affect on de-registrations"**
Type: **LS OUT**
Source: **CN1 (drafted by Nokia)**
Discussion: CN1 thanks CN4 for their LS on CSCF client address comparisons and their affect on de-registrations.
CN1 kindly asks CN4 to note the following answer from CN1:
It is CN1's understanding that the client address of the S-CSCF (SIP-URI) can change any time. According to a note in TS 24.229 (Rel-6 v.6.5.1, see chapter 5.4.1.2.1) "S-CSCF may include in its SIP URI the transport protocol and the port number where it wants to be contacted", thus this implies that the SIP URI of the S-CSCF may change at any time.
Status: **AGREED**, sent to CN4 during this meeting

N1-050274 Reply LS (to R2-042734 and S2-050488) on NAS signalling load at MBMS Session Start/Stop
Type: **LS OUT**
Source: **CN1 (drafted by Ericsson)**
Discussion: CN1 thanks RAN2 for their LS on NAS signalling load at MBMS Session Start/Stop. CN1 would like to provide feedback on the following actions:

2) RAN2 request feedback from SA2 and CN1 on whether there are any NAS level mechanisms to restrict the number of UEs that initiate NAS signalling simultaneously due to non-MBMS service activation/re-activation or de-activation,

CN1 would like to inform RAN2 that it has not been defined any core-network protocol mechanism to restrict UEs of performing activation/de-activation of non-MBMS services when an MBMS Session start/stop occurs.

Additionally, the CN1 MBMS-related Stage 3 specification does not require the UE to de-activate PDP contexts when receiving an MBMS Notification of the immediate start of an MBMS session. Therefore, CN1 has agreed that the following statements seem to be overestimated:
“On receiving MBMS Notification immediately following MBMS session start, a high number of UEs may access the network in order to de-activate ongoing non-MBMS services”
“Respectively at MBMS session stop, a high number of UEs may access the network in order to activate/re-activate non-MBMS services (especially in the PS domain)”

At present, CN1 specifications do not contain any requirement on activation and de-activation of non-MBMS GPRS services (PDP contexts) at MBMS Session start/stop. This is implementation dependent and it relates to the maximum capabilities of a specific UE implementation is capable of (e.g. some UEs may be able to handle simultaneously one MBMS session and one or more PDP contexts of different traffic classes).

3) RAN2 request feedback from SA2 and CN1 on whether they expect AS level mechanisms to be used to reduce peak SGSN load during MBMS counting.

CN1 has discussed the question asked by RAN2 and CN1 assumes that there will be in place an AS level mechanism to reduce the SGSN load because of the MBMS counting procedure.
Status: **revised to N1-050407** to correct the typo. Actions shall be to RAN2 and SA2. Received LSs from RAN2 and SA2 shall be referenced in this reply as there is a different understanding from those groups. **N1-050407 is AGREED**

N1-050276 LS on PS handover and Robust Header Compression (RoHC) Context Relocation
Type: LS OUT
Source: CN1 (drafted by Siemens)
Discussion: CN1 would like to thank RAN2 for the liaison statement on PS Handover work (R2-050299/N1-050035).

With regard to the assumptions made by RAN2, CN1 confirm that:

1. There is no requirement for a lossless inter-RAT PS handover from CN1's side.
2. CN1 also assume that the header compression contexts for Robust Header Compression (RoHC) will not be transferred to the target system during PS handover and will need to be re-established after completion of the PS handover.

Status: AGREED

N1-050277 Reply LS on IP multimedia messaging capabilities
Type: LS OUT
Source: CN1 (drafted by Ericsson)
Discussion: CN1 thanks SA1 for the reply, giving clarifications and guidelines on IP multimedia group management and messaging capabilities.

- CN1 note that SA1 does not want to do changes to their TS structure.
- CN1 can inform SA1 that a CR to 24.247 has been agreed in CN1 #37 regarding the ability to give indication to the peer entity when typing is in progress ('Is typing' or 'isComposing'), thus this requirement should now be fulfilled by stage 3.

CN1 can inform SA1 that CRs to 24.247 have been agreed in CN1 #37 regarding the ability to distribute the messages to several recipients based on the delivery list, thus this requirement should now be fulfilled by stage 3. The CRs introduce the two mechanisms as outlined by stage 2.
Status: AGREED

N1-050278 LS on provisioning of the UE RAC and START_PS to the network
Type: LS OUT
Source: CN1 (drafted by Siemens)
Discussion: CN1 asks **GERAN2** to note the attached CR, **RAN2** to answer CN1's questions and to confirm that the size of the "Inter RAT information container" is sufficient. CN1 asks **GERAN2 and RAN3** to take CN1's proposal for the transport of the UE RAC and START_PS information from the SGSN to the target RNC into account.
Status: AGREED

N1-050279 LS to SA1 on VGCS stage 1 and stage 2 requirements
Type: LS OUT
Source: CN1 (drafted by Nortel)
Discussion: CN1 thanks SA1 for their LS on misalignment between the VGCS Stage 1 and Stage 2.
It is CN1's understanding that the VGCS Stage 1 requirement, where the first subscriber becomes the talker if more than one subscriber indicates an emergency situation, included in TS 42.068 Section 4 o) is a Rel-7 requirement. CN1 plans to make the necessary changes in Rel-7 to Stage 2 TS 43.068 to satisfy the new Stage 1 requirement.
Status: AGREED

N1-050303 LS to SA3 on early IMS
Type: LS OUT
Source: CN1 (drafted by Siemens)
Discussion: In TSG SA-26, CN1 was asked to review TR 33.878 v1.0.0 on "Security Aspects of Early IMS", check the impact on the full-solution IMS and provide any comments to SA WG3. The TSG CN Chairman reported that CN WG1 requirements and concerns were expected to be documented in this TR, rather than as CRs to the main specification. Several contributions were brought to CN1#37, but it was found that the solution in TR 33.878 was too far advanced to allow any significant stage 3 changes by CN1. CN1 could provide a more effective review if involved earlier in similar work in the future.

CN1 reviewed TR 33.878 during meeting CN1#37 and the suggested changes that are listed in this LS.
CN1 kindly requests that SA3 consider the changes proposed in document N1-050403 attached to this liaison statement.
Status: **revised to N1-050408 which is AGREED**

N1-050355 **LS to SA3 on WLAN**
Type: **LS OUT**
Source: **CN1 (drafted by Nokia)**
Discussion: This LS is related to N1-050354. CN1 would like to draw SA3 attention to the following issue:
SA3 recently introduced the requirement that the 3GPP AAA server shall always send a pseudonym every time a re-authentication identity is sent to the WLAN UE, in order that fallback to full authentication is always possible. On attempting to align the CN1 specification with this new requirement, it was noted that the EAP-SIM and EAP-AKA specifications, to which our specifications shall comply, state that a pseudonym can be sent only during full authentication, and not during re-authentication. CN1 therefore agreed the text as indicated in the attached CR.
CN1 kindly ask SA3 to consider the attached CR that was agreed in CN1#37 and align the SA3 specification, if appropriate.
Status: **revised to N1-050376 which is AGREED**

N1-050371 **Reply LS on Application Charging ID**
Type: **LS OUT**
Source: **CN1 (drafted by HUAWEI)**
Discussion: This LS is response to LS (N1-050023/S5-044780) on **"**LS on Application Charging ID for PoC**"**
CN1 would like to thank SA5 for their LS on the Application Charging ID for PoC.
CN1 has discussed the issue of Application Charging ID (ACID) and felt that further information on the ACID would be helpful in guiding CN1's future work on it. Therefore CN1 kindly asks SA5 to give further clarification on questions regarding the usage and functionality of this ACID as listed in the action part, in which CN1 is particularly interested.

CN1 expects that when the information requested is available, documentation will take at least two meeting cycles, and possible more if IETF changes are required to RFC 3455 to accommodate these requirements. Such work is therefore likely to extend beyond release 6

There is an action for SA5 to provide information and clarification on the following:

- Which entities are required to generate or understand ACID;
- Whether it is used for a single application or multiple applications;
- Which entities should include this ACID in its CDRs;
- The lifetime of this ACID;
- How ACID is transmitted, in particular, whether ACID is transmitted in a SIP request and response.

Status: **AGREED**

N1-050383 **Reply LS on transport of HSS address**
Type: **LS OUT**
Source: **CN1 (drafted by Ericsson)**
Discussion: CN1 thank SA2 on their LS on transport of HSS address.
The described functionality could be achieved by means of an optional P-Header included by the I-CSCF when forwarding the SIP REGISTER or INVITE request. The I-CSCF would insert the HSS address that it received in the corresponding query to the SLF in that header. The S-CSCF would use this HSS address for the destination of the corresponding Cx requests and omit the query to the SLF.

This P-Header would have to be defined in an IETF RFC as an extension of the SIP protocol. A draft including a solution (draft-camarillo-sipping-user-database-00.txt) has been submitted in order to be discussed at the next IETF meeting 6th -11th of March
Status: **AGREED**

N1-050384 **Reply LS on LS on protocol aspects for CSI**
Type: **LS OUT**
Source: **CN1 (drafted by Ericsson)**
Discussion: CN1 thanks SA2 for their LS on protocol aspects for CSI. CN1 would like to inform SA2 that they have agreed a Work Item for the stage 3 protocol work on CSI.

CN1 has briefly discussed the questions from SA2 however there was insufficient background information provided for CN1 to fully analyse the questions and provide definitive responses to all these questions.

CN1 asks SA2 to take the provisional answers given in this LS into account for their stage 2 level work, but also to supply CN1 with the background information and requirements necessary for CN1 to make appropriate protocol decisions to implement the stage 3 parts of CSI.
Status: **revised to N1-050415 which is AGREED**

N1-050386 **LS on service based inter-system hand over**
Type: **LS OUT**
Source: **CN1 (drafted by NEC)**

Discussion: CN1 would like to draw SA1, SA2 and GERAN2 attention to the following protocol enhancement:

In the current specifications, it is possible for the network to hand-over a dual mode GSM/UMTS UE to another RAT based on the requested services or based on radio conditions at call set up or during an ongoing call.

However the current specifications do not define the case where a dual mode GSM/UMTS UE that supports transparent bearer services (e.g. CS multimedia) in UMTS but not in GSM, is attached in a GSM radio network and wants to set up such call in UMTS.

It is CN1's understanding that stage 1 requirement covers already such protocol enhancement (see TS 22.129 “Handover requirement between UTRAN and GERAN” clause 5.2.).

It is CN1's understanding that there is no impact on stage 2 specifications with the possible exception of TS 23.009 “Handover procedure”. This stage 2 specification is actually under CN1 responsibility and therefore changes can be handle within CN1 WG.

It is CN1's understanding that there is no impact on GERAN or RAN stage 3 specifications.

Nevertheless CN1 is not sure whether this protocol enhancement needs further stage 2 consideration or has dependency with other features like SCUDIF or “Redial solution for voice-video switching”.

Along with the proposed solution CN1 did consider whether there is a need to be able to inhibit a dual mode UE from requesting bearer services that are not supported on the RAT the UE is camping on (i.e. GSM) and cannot be handed over to the other RAT ‘(i.e. UMTS). For example because of no UMTS coverage or because the network does not supports GSM to UMTS handover. In this way we avoid unnecessary signalling towards and from the network, unnecessary reject calls and finally improve user experience by preventing the user from attempting to setup such calls when or where the network is not able to successfully proceed the call on the other RAT. It should be possible to inform the UE whether the network supports or not such service by adding an indication in the system information broadcasted by the GSM cell. The drawback of this solution is we create a dependency with the radio access network. Other options are not excluded.

Furthermore CN1 did consider a potential alternative solution based on Mobile Station Classmark 3 (TS 24.008 clause 10.5.1.7) and service-based handover (TS 23.009 clause 14) but this option has not been studied in detailed.

Actions to SA1, SA2 and GERAN are listed in the LS.
Status: **revised to N1-050410 which is AGREED**

N1-050388 LS on status of 3GPP IMS management object
Type: **LS OUT**
Source: **CN1 (drafted by RIM)**
Discussion: CN1 would like to inform OMA and 3GPP2 that it has now completed its work on TS 24.167, the technical specification for the 3GPP IMS management object and will present it to TSG CN for approval and inclusion in 3GPP release 6 as version 6.0.0 at the March 2005 TSG CN meeting.

CN1 would also like to inform OMA that 3GPP has documented as part of the work on early IMS security how the private user identity, public user identity and home network domain name are obtained when using a 2G SIM.

OMA PAG, OMA POC and OMA DM are invited to comment back to CN1 any issues, concerns or additional requirements they may have for the IMS MO.

It was requested not to attach TR 33.878 Security Aspects of Early IMS. The LS will be
Status: **revised to N1-050409 which is later revised to N1-050416. N1-050416 is AGREED.**

10 Late and misplaced documents

N1-050253 WID for Stage 3 Specification of Combining CS and IMS services & Capability Detection and Exchange mechanism
Type: **Work Item Description**
Source: **Ericsson, NEC, Nokia, Nortel Networks, Siemens, Vodafone**
Discussion: This WID was revised and presented at CN Plenary #26 in Athens for information and approval. No technical objections were raised, but the Plenary decided that CN1 should have the opportunity to discuss it and feed any comments back to Plenary before it can be approved.

The objective is to elaborate on the appropriate CRs to existing stage 3 specifications of those CSI Phase 1 capabilities as identified in TS 23.cde, and those that are already supported by the current set of specifications or require limited standardization needs. The CSI Phase 1 capabilities are:

- Radio capability exchange;
- SIP based terminal capability exchange
- E.164 number exchange in SIP;
- Adding IMS session to an ongoing CS call;
- Adding CS speech call to an ongoing IMS session.

The capabilities shall support interoperability between different operator networks and roaming

It was proposed to add : “SIP and SDP, including any extensions, should be used in accordance with the IETF view of the architecture of the protocols and the means to extend the protocols.”

Feasibility study on IMS with real time services deployment is the WI that exists in the WP(unique id 31054). There should be a separate WI that is not feasibility study which corresponds to approved WI in SP-040926.
It was not possible to check time scales of SA WI as it is not assigned in the WP.
Status: **revised to N1-050381 which is AGREED** (revision marks to be removed by MCC)

N1-050392 Proposed new WID: IMS applications missing features
Type: Work Item Description
Source:
Discussion: In Release 5, the IMS was defined to support IP Multimedia services. The feature set in Release 5 provides a basis for IP Multimedia support. During release 6, additional applications were developed, but due to IETF dependencies, such applications could not be completed in release 6.
The objectives of this work item are to finalise Stage 3 work on postponed Release 6 features for IP multimedia applications

1. Policy control for IM CN subsystem conferencing
2. Floor control for IM CN subsystem conferencing
3. Extensions to conferencing related SIP procedures
4 IM CN subsystem Group management for messaging

Affected specifications field should be completed (24.229), dates shall be specified. Additional supporting companies are invited. Lucent requested to forward the request to plenary that the material on conferencing that has been agreed to be taken out of Rel-6 version, should be added to Rel-7 specification and to create Rel-7 specification.
24.229 should be added as affected specification.
Status: revised to N1-050420 which is AGREED

N1-050239 Completion of signalling flow introduction
Type: CR, 24.147
Source: Lucent Technologies / Keith Drage
Discussion:
Status: not available

N1-050240 Completion of signalling flow introduction
Type: CR, 24.247
Source: Lucent Technologies / Keith Drage
Discussion:
Status: not available

N1-050301 Correction of erroneous reference
Type: CR, 24.229
Source: Motorola
Discussion:
Status: not handled due to lack of time

N1-050211 Inclusion of support for PS Handover for GERAN A/Gb mode
Type: CR, 24.008
Source: Ericsson
Discussion:
Status: not treated due to lack of time

N1-050212 Inclusion of support for PS Handover for GERAN A/Gb mode
Type: CR, 44.064
Source: Ericsson
Discussion:
Status: not treated due to lack of time

N1-050213 Inclusion of support for PS Handover for GERAN A/Gb
Type: CR, 44.065
Source: Ericsson
Discussion:
Status: not treated due to lack of time

N1-050227 Inclusion of support for PS Handover for GERAN A/Gb

Type: **CR, 24.007**
Source: **Ericsson**
Discussion:
Status: **not available**

N1-050265 **Introduction of privilege for VGCS**
Type: **CR, 43.068**
Source: **HUAWEI**
Discussion: Revision of N1-040801 which was postponed in CN1-36.
Status: **not treated due to lack of time**

N1-050266 **Introduction of group SMS for VGCS**
Type: **CR, 43.068**
Source: **HUAWEI**
Discussion: Revision of N1-040802 which was postponed in CN1-36.
Status: **not treated due to lack of time**

11 A.O.B.

It was commented that discussion of the Rel-7 issues was late in the meeting. It should be considered whether a three day meeting that focuses on Rel-7 issues would be needed. There were 66 LSs received during the meeting so it is obvious that we need a mechanism for notifications.

As the meeting was quite busy and some documents were not handled due to lack of time, it was commented that more meeting time should be considered in the future.

12 Closing

The meeting was closed at 17:30 on Friday18th February 2005 by CN1 Vice Chairman Mr. Atle Monrad who chaired the last afternoon session on Friday.

Annex A Participants list

Participants list attached in the zip file as AnnexA.doc.

Annex B Output documents (Agreed CRs, WIDs, LS OUT)

AGREED CRs for specifications under change control

TDoc #	Tdoc Title	Spec	CR #	Rev	CAT	C_Version	WI	Rel	Type	Status
N1-050041	Correction of the conditions for establishment of a voice group call	43.068	029		A	4.4.0	ASCI	Rel-4	CR	AGREED
N1-050042	Correction of the conditions for establishment of a voice group call	43.068	030		A	5.4.0	ASCI	Rel-5	CR	AGREED
N1-050043	Correction of the conditions for establishment of a voice group call	43.068	031		A	6.3.0	ASCI	Rel-6	CR	AGREED
N1-050044	Addition of maximum data rate to RR_SYNC_IND and MMCC_SYNC_IND	24.007	071		F	5.3.0	SCUDIF	Rel-5	CR	AGREED
N1-050045	Addition of maximum data rate to RR_SYNC_IND and MMCC_SYNC_IND	24.007	072		A	6.3.0	SCUDIF	Rel-6	CR	AGREED
N1-050047	Correction of the heading of subclause 4.7.3.1.6, bullet d.1	24.008	932		F	6.7.0	TEI6	Rel-6	CR	AGREED
N1-050051	Deregistration effect on active sessions	24.229	784		F	5.11.1	IMS-CCR	Rel-5	CR	AGREED
N1-050052	Deregistration effect on active sessions	24.229	785		A	6.5.1	IMS-CCR	Rel-6	CR	AGREED
N1-050061	Resolution of references to 24.228	23.218	072		F	6.2.0	IMS2	Rel-6	CR	AGREED
N1-050066	Incorporation of draft-ietf-sip-rfc3312-update-03.txt	24.229	729	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050076	Registration - Abnormal Case	24.229	790		F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050080	RFC 3966	24.229	794		F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050082	Authentication proxy for presence	24.141	035		F	6.2.0	PRESNC	Rel-6	CR	AGREED
N1-050107	MESSAGE to unregistered user	24.247	3		F	6.0.1	IMS2	Rel-6	CR	AGREED
N1-050129	Editorial corrections	24.229	817		D	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050207	Mapping of 'MBMS notification response' to RRC establishment cause	24.008	958		F	6.7.0	MBMS	Rel-6	CR	AGREED
N1-050220	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	24.229	839		F	5.11.1	IMS-CCR	Rel-5	CR	AGREED

N1-050221	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	24.229	840		A	6.5.1	IMS-CCR	Rel-6	CR	AGREED
N1-050222	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	23.218	75		F	5.7.0	IMS-CCR	Rel-5	CR	AGREED
N1-050223	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	23.218	76		A	6.2.0	IMS-CCR	Rel-6	CR	AGREED
N1-050225	Filtering of the P-Access-Network-Info header by the S-CSCF and privacy rules	24.229	841		F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050243	XCAP-change clarrification	24.141	37		D	6.2.0	PRESNC	Rel-6	CR	AGREED
N1-050244	XCAP-change correction	24.141	38		F	6.2.0	PRESNC	Rel-6	CR	AGREED
N1-050245	IFC corrections	24.141	39		F	6.2.0	PRESNC	Rel-6	CR	AGREED
N1-050280	Correction of the conditions for establishment of a voice group call	03.68	A040	2	F	8.4.0	ASCI	R99	CR	AGREED
N1-050281	EPRT Inter-PLMN Group Call notification for dispatchers	43.068	36	1	F	6.3.0	TEI6	Rel-6	CR	AGREED
N1-050282	EPRT Inter-PLMN Broadcast Call notification for dispatchers	43.069	23	1	F	6.1.0	TEI6	Rel-6	CR	AGREED
N1-050287	Default handling	23.218	73	1	F	5.7.0	IMS-CCR	Rel-5	CR	AGREED
N1-050288	Default handling	23.218	74	1	F	6.2.0	IMS2	Rel-6	CR	AGREED
N1-050291	Use of original dialog identifier at AS	24.229	805	1	F	5.11.1	IMS-CCR	Rel-5	CR	AGREED
N1-050292	Use of original dialog identifier at AS	24.229	806	1	A	6.5.1	IMS-CCR	Rel-6	CR	AGREED
N1-050295	IOI storage at MGCF	24.229	809	1	F	5.11.1	IMS-CCR	Rel-5	CR	AGREED
N1-050296	IOI storage at MGCF	24.229	810	1	A	6.5.1	IMS-CCR	Rel-6	CR	AGREED
N1-050297	Handling topmost Route header at the P-CSCF	24.229	821	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050298	Correction to interaction between S-CSCF and HSS in Network initiated deregistration procedure	24.228	137	2	F	5.11.0	IMS-CCR	Rel-5	CR	AGREED

N1-050299	Removal of I-CSCF normative requirement on Cx interface	24.229	848	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050306	Sip-profile package in major capabilities	24.229	795	1	F	6.5.1	PRESNC	Rel-6	CR	AGREED
N1-050307	Synchronization of MBMS context status between UE and SGSN	24.008	931	1	B	6.7.0	MBMS	Rel-6	CR	AGREED
N1-050308	MBMS Session Management clarifications	24.008	954	1	F	6.7.0	MBMS	Rel-6	CR	AGREED
N1-050309	Introduction of MBMS in clause 8	24.008	956	1	B	6.7.0	MBMS,TEI6	Rel-6	CR	AGREED
N1-050311	Correct GPRS SM List and MBMS IE Descriptions	24.008	934	1	F	6.7.0	MBMS	Rel-6	CR	AGREED
N1-050313	Defining TMGI and MBMS Session Id in the mobile identity field	24.008	933	2	B	6.7.0	MBMS	Rel-6	CR	AGREED
N1-050315	Removing CPCP from 24.247	24.247	10	2	C	6.0.1	IMS2	Rel-6	CR	AGREED
N1-050316	Corrections to Message Session Flows to align with draft-ietf-simple-message-sessions-09	24.247	11	1	F	6.0.1	IMS2	Rel- 6	CR	AGREED
N1-050318	Alignment between TS 23.228/ TS 22.340 and TS 24.247 for immediate messaging	24.247	8	1	F	6.0.1	IMS2	Rel-6	CR	AGREED
N1-050321	Resolution of references to 24.228	24.141	034	1	F	6.2.0	IMS2	Rel-6	CR	AGREED
N1-050322	Resolution of references to 24.228	24.147	020	1	F	6.1.0	IMS2	Rel-6	CR	AGREED
N1-050323	Resolution of references to 24.228	24.247	001	1	F	6.0.1	IMS2	Rel-6	CR	AGREED
N1-050324	Cleanups resulting from CR changes for last version	24.229	786	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050326	Corrections to addition of session set-up not requiring preconditions and reliable transport of provisional responses	24.229	849	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050332	Corrections to the UE tables for ‘major capabilities’	24.229	822	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050333	Corrections to the tables for ‘BYE’	24.229	823	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050334	Corrections to the UE tables for ‘ACK’	24.229	825	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050335	Corrections to the tables for ‘CANCEL’	24.229	826	1	F	6.5.1	IMS2	Rel-6	CR	AGREED

N1-050336	Corrections to the tables for 'INVITE'	24.229	827	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050337	Corrections to the tables for 'MESSAGE'	24.229	828	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050338	Corrections to the tables for 'NOTIFY'	24.229	829	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050339	Corrections to the tables for 'OPTIONS'	24.229	830	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050340	Corrections to the tables for 'PRACK'	24.229	831	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050341	Corrections to the tables for 'PUBLISH'	24.229	832	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050342	Corrections to the tables for 'REFER'	24.229	833	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050343	Corrections to the tables for 'REGISTER'	24.229	834	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050344	Corrections to the tables for 'SUBSCRIBE'	24.229	835	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050345	Corrections to the tables for 'UPDATE'	24.229	836	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050346	Corrections to the tables for SDP	24.229	837	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050348	Addition of IMS-ALG to profile tables	24.229	850	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050351	Removal of the UE table for 'status codes'	24.229	824	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050352	PLMN selection for WLAN	24.234	19	1	B	6.1.1	WLAN	Rel- 6	CR	AGREED
N1-050353	Correction of Abbreviation Usage	24.234	21	1	D	6.1.1	WLAN	Rel-6	CR	AGREED
N1-050354	Fallback to full authentication	24.234	20	2	F	6.1.1	WLAN	Rel-6	CR	AGREED
N1-050356	On 3GPP IP access independence	24.234	17	3	F	6.1.0	WLAN-IW	Rel-6	CR	AGREED
N1-050357	Editorial corrections	24.109	11	1	F	6.1.0	SEC-SC	Rel-6	CR	AGREED
N1-050358	PSK TLS updates	24.109	12	1	F	6.1.0	SEC-SC	Rel-6	CR	AGREED
N1-050359	Missing Messages in MM and CC Summary Tables	24.008	935	1	F	6.7.0	TEI6	Rel-6	CR	AGREED
N1-050362	Addition of domain specific access control description	23.122	88	1	F	6.3.0	ACBOP	Rel-6	CR	AGREED
N1-050363	Addition of domain specific access control description	23.122	89		A	7.0.0	ACBOP	Rel-7	CR	AGREED
N1-050367	GPRS attach type while in DTM	24.008	951	1	F	6.7.0	TEI6	Rel-6	CR	AGREED
N1-050368	Detach for PS and CS during a ongoing CS connection	24.008	952	1	F	6.7.0	TEI6	Rel-6	CR	AGREED
N1-050369	Condition for Combined RAU after a DTM connection	24.008	953	1	F	6.7.0	TEI6	Rel-6	CR	AGREED

N1-050374	Deleting CPCP and BFCP from Rel-6 IMS Conferencing	24.147	22	2	C	6.1.0	IMS2	Rel-6	CR	AGREED
N1-050380	Minor Clarifications to EHPLMN handling	23.122	087	1	F	7.0.0	TEI7	Rel-7	CR	AGREED
N1-050387	MO - Calls to IPv4 SIP terminals	24.229	788	1	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050390	Alignment between TS 22.340 and on TS 24.247 for "is composing"	24.247	7	2	F	6.0.1	IMS2	Rel-6	CR	AGREED
N1-050391	Clarifications to TS 24.247 subclause 9.3	24.247	9	2	F	6.0.1	IMS2	Rel-6	CR	AGREED
N1-050395	Press and im URIs in incoming requests	24.229	851	2	C	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050396	Management Based Activation Impacts	29.018	43	2	B	6.1.0	OEM - Trace	Rel-6	CR	AGREED
N1-050401	Checking Request-URI for terminating requests at the S-CSCF	24.229	807	2	F	5.11.1	IMS-CCR	Rel-5	CR	AGREED
N1-050402	Checking Request-URI for terminating requests at the S-CSCF	24.229	808	2	A	6.5.1	IMS-CCR	Rel-6	CR	AGREED
N1-050404	Provision of MS specific UTRAN capabilities for the PS handover from GERAN to UTRAN	24.008	950	2	B	6.7.0	SCSAGB	Rel-6	CR	AGREED
N1-050405	Modification of MS Behaviour under GPRS Attach and Routing Area Update with Reject Cause #14	24.008	957	2	C	6.7.0	TEI6	Rel-6	CR	AGREED
N1-050412	MESSAGE to multiple recipients	24.247	2	3	F	6.0.1	IMS2	Rel-6	CR	AGREED
N1-050413	Correction to the Registration procedure	24.229	846	2	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050414	Corrections to subclause 5.5 in TS 24.229	24.229	818	3	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050417	Addition of domain specific access control	24.008	939	3	F	6.7.0	ACBOP	Rel-6	CR	AGREED
N1-050418	Default handling associated with the trigger at the S-CSCF	24.229	801	3	F	6.5.1	IMS2	Rel-6	CR	AGREED
N1-050421	Default handling associated with the trigger for third party registration	24.229	803	4	F	6.5.1	IMS2	Rel-6	CR	AGREED

AGREED Work Item Descriptions

TDoc #	Tdoc Title	Type	Status
N1-050300	Updated Trace WID	WID	AGREED
N1-050379	Improvements of VGCS in public networks for parallel use of services	WID	AGREED

N1-050381	WID for Combining CS and IMS services & CapabilityDetection mechanism	WID	AGREED
N1-050420	New IMS Application WID for Missing Features	WID	AGREED

AGREED Outgoing Liaison Statements

TDoc #	Tdoc Title	Status
N1-050206	Reply LS (to R2-050272) on AS-NAS interaction for MBMS	AGREED
N1-050270	Misalignment amongst the 3GPP specifications, “Re-authentication and key set change during inter-system handover”	AGREED
N1-050271	Reply LS (to R3-041648) on MBMS Information Elements over Iu interface	AGREED
N1-050272	Reply LS to SA2 on 3rd party registration and shared public user identities	AGREED
N1-050273	Reply LS on "S-CSCF client address comparisons and their affect on de-registrations"	AGREED
N1-050276	LS on PS handover and Robust Header Compression (RoHC) Context Relocation	AGREED
N1-050277	Reply LS on IP multimedia messaging capabilities	AGREED
N1-050278	LS on provisioning of the UE RAC and START_PS to the network	AGREED
N1-050279	Reply LS on "Misalignment between VGCS stage 1 and 2"	AGREED
N1-050371	Reply LS on Application Charging ID	AGREED
N1-050376	Alignment of specifications between CN1 and SA3 with respect to fallback to full authentication	AGREED
N1-050383	Reply LS to SA2 on transport of HSS address	AGREED
N1-050406	Reply LS (to G2-0402911) on the PS Handover Work	AGREED
N1-050407	Reply LS (to R2-042734 and S2-050488) on NAS signalling load at MBMS Session Start/Stop	AGREED
N1-050408	LS to SA3 with comments and proposed changes to TR 33.878	AGREED
N1-050410	LS on service based inter-system hand over	AGREED
N1-050415	Reply LS on LS on protocol aspects for CSI	AGREED
N1-050416	LS on status of 3GPP IMS management object	AGREED

Annec C Document List

TDoc #	Agenda	Tdoc Title	Source	Spec	CR #	Rev	WI	C_Ver	Rel	CAT	Type	Status
N1-041977	3	Support of Conversational Services in A/Gb Mode via the PS Domain	GERAN								LS IN	NOTED
N1-042013	3	Reply LS on Key change at Inter-RAT handover	RAN2								LS IN	NOTED
N1-042014	3	LS on MBMS Information Elements over Iu interface	RAN3								LS IN	NOTED
N1-042093	3	3rd party registration and shared public user identities	SA2								LS IN	NOTED
N1-042094	3	Security aspects of Early IMS Systems	SA2								LS IN	NOTED
N1-042096	3	The relationship between Scenario 2 and Scenario 3 authentication procedures	SA2								LS IN	NOTED
N1-050001	2	Agenda	CN1 chairman								AGENDA	AGREED
N1-050002	4	Latest version of the work plan	MCC								WP	NOTED
N1-050003	3	Reservation of two new sub domains under ".3gppnetwork.org"	CN4								LS IN	NOTED
N1-050004	3	LS to 3GPP on IPv4/v6 IMS roaming and interworking	GSMA IREG Packet								LS IN	NOTED
N1-050005	3	Response LS to GSMA IREG on Reservation of two new sub domains under ".3gppnetwork.org"	TSG CN								LS IN	NOTED
N1-050006	3	LS to CN1: S-CSCF client address comparisons and their affect on de-registrations	CN4								LS IN	NOTED
N1-050007	3	Reply LS on MBMS Information Elements over Iu interface	CN4								LS IN	NOTED
N1-050008	3	Reply on LS on GERAN Assumptions on common MBMS Information Elements	SA2								LS IN	replaced by N1-050011
N1-050009	3	LS on CRs needed for Circuit Switched Voice-Video Switching	SA2								LS IN	NOTED
N1-050010	3	Reply LS on MBMS Information Element coding	SA2								LS IN	NOTED

N1-050011	3	Reply on LS on GERAN Assumptions on common MBMS Information Elements	SA2								LS IN	NOTED
N1-050012	3	Reply LS on Revisiting forwards compatibility towards TLS based access security	SA2								LS IN	NOTED
N1-050013	3	LS on the ACBOP TR 23.898 current status	SA2								LS IN	NOTED
N1-050014	3	Reply LS on MBMS information elements	N3								LS IN	NOTED
N1-050015	3	LS on completion of network initiated SCUDIF support	N3								LS IN	NOTED
N1-050016	3	LS on Cooperation on TISPAN NGN supplementary services	N3								LS IN	NOTED
N1-050017	3	Reply LS on AS- NAS interaction on MBMS service priorities	RAN2								LS IN	NOTED
N1-050018	3	LS on NAS signalling load at MBMS Session Start/Stop	RAN2								LS IN	NOTED
N1-050019	3	Reply LS (to N1-042069) on Selected PLMN and Network Sharing	RAN2								LS IN	NOTED
N1-050020	3	Reply to LS on definition of RAT	T3								LS IN	NOTED
N1-050021	3	LS on introduction of EHPLMN data field	T3								LS IN	NOTED
N1-050022	3	Reply to TISPAN on Workshop on “IMS over Fixed Access”	SA								LS IN	NOTED
N1-050023	3	LS on Application Charging ID for PoC	SA5								LS IN	NOTED
N1-050024	3	LS on Control of simultaneous accesses for WLAN 3GPP IP access	SA3								LS IN	NOTED
N1-050025	3	LS Request for advise on handling IETF draft for Rel-6	SA3								LS IN	NOTED
N1-050026	3	LS on impacts of early IMS security mechanisms	SA3								LS IN	NOTED
N1-050027	3	Reply to LS on The relationship between Scenario 2 and Scenario 3 authentication procedures	SA3								LS IN	NOTED
N1-050028	3	Reply to LS on Optimisation of Voice over IMS	SA4								LS IN	NOTED

N1-050029	3	Reply on “LS on MBMS Security finalisation”	SA4								LS IN	NOTED
N1-050030	3	LS on Session Repetition	SA4								LS IN	NOTED
N1-050031	3	LS Response on LS on Indication of Selected CN operator in connected mode in Shared Networks	RAN3								LS IN	NOTED
N1-050032	3	Reply LS (to N1-041944) on AS-NAS interaction for MBMS	RAN2								LS IN	NOTED
N1-050033	3	Reply LS on Session Repetition (S4-040841)	RAN2								LS IN	NOTED
N1-050034	3	Reply LS on the ACBOP TR 23.898 current status	RAN2								LS IN	NOTED
N1-050035	3	Reply LS on the PS Handover work	RAN2								LS IN	NOTED
N1-050036	3	Response LS on the PS Handover Work	RAN3								LS IN	NOTED
N1-050037	3	Response LS on IP multimedia group management and messaging capabilities	SA1								LS IN	NOTED
N1-050038	3	Reply to LS on NAS signalling load at MBMS Session Start/Stop	SA1								LS IN	NOTED
N1-050039	7.1	TR 33.878 v1.0.0; "Security Aspects of Early IMS"	SA3								TR	NOTED
N1-050040	5.1	Correction of the conditions for establishment of a voice group call	Nortel Networks, Siemens	03.68	A040	1	ASCI	8.4.0	R99	F	CR	revised to N1-050280
N1-050041	5.1	Correction of the conditions for establishment of a voice group call	Nortel Networks, Siemens	43.068	029		ASCI	4.4.0	Rel-4	A	CR	AGREED
N1-050042	5.1	Correction of the conditions for establishment of a voice group call	Nortel Networks, Siemens	43.068	030		ASCI	5.4.0	Rel-5	A	CR	AGREED
N1-050043	5.1	Correction of the conditions for establishment of a voice group call	Nortel Networks, Siemens	43.068	031		ASCI	6.3.0	Rel-6	A	CR	AGREED
N1-050044	6.1	Addition of maximum data rate to RR_SYNC_IND and MMCC_SYNC_IND	Siemens	24.007	071		SCUDIF	5.3.0	Rel-5	F	CR	AGREED
N1-050045	6.1	Addition of maximum data rate to RR_SYNC_IND and MMCC_SYNC_IND	Siemens	24.007	072		SCUDIF	6.3.0	Rel-6	A	CR	AGREED

N1-050046	7.3	Synchronization of MBMS context status between UE and SGSN	Siemens	24.008	931		MBMS	6.7.0	Rel-6	B	CR	revised to N1-050307
N1-050047	7.8	Correction of the heading of subclause 4.7.3.1.6, bullet d.1	Siemens	24.008	932		TEI6	6.7.0	Rel-6	F	CR	AGREED
N1-050048	8.2	Support of talker priorities and talker identity presentation	Siemens	43.068	028	1	EGCS	6.3.0	Rel-7	B	CR	revised to N1-050378
N1-050049	6.2	Correction to S-CSCF charging headers on subsequent requests	Lucent Technologies	24.229	782		IMS-CCR	5.11.1	Rel-5	F	CR	revised to N1-050283
N1-050050	6.2	Correction to S-CSCF charging headers on subsequent requests	Lucent Technologies	24.229	783		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050284
N1-050051	6.2	Deregistration effect on active sessions	Lucent Technologies	24.229	784		IMS-CCR	5.11.1	Rel-5	F	CR	AGREED
N1-050052	6.2	Deregistration effect on active sessions	Lucent Technologies	24.229	785		IMS-CCR	6.5.1	Rel-6	A	CR	AGREED
N1-050053	7.1	Summary of current IETF documents on SIPPING	Lucent Technologies				IMS2		Rel-6		INFO	NOTED
N1-050054	7.1	Summary of current IETF documents on SIP	Lucent Technologies				IMS2		Rel-6		INFO	NOTED
N1-050055	7.1	Summary of current IETF documents on MMUSIC	Lucent Technologies				IMS2		Rel-6		INFO	NOTED
N1-050056	7.1	Summary of current IETF documents on SIMPLE	Lucent Technologies				PRESNC		Rel-6		INFO	NOTED
N1-050057	7.1	Summary of current IETF documents on XCON	Lucent Technologies				IMS2		Rel-6		INFO	NOTED
N1-050058	7.1	Summary of current IETF documents on GEOPRIV	Lucent Technologies				IMS2		Rel-6		INFO	NOTED
N1-050059	4	Presence WID open issues list	Lucent Technologies				PRESNC		Rel-6		INFO	NOTED
N1-050060	4	IMS2 WID open issues list	Lucent Technologies				IMS2		Rel-6		INFO	NOTED
N1-050061	7.4.3	Resolution of references to 24.228	Lucent Technologies	23.218	072		IMS2	6.2.0	Rel-6	F	CR	AGREED
N1-050062	7.4.3	Resolution of references to 24.228	Lucent Technologies	24.141	034		IMS2	6.2.0	Rel-6	F	CR	revised to N1-050321
N1-050063	7.4.3	Resolution of references to 24.228	Lucent Technologies	24.147	020		IMS2	6.1.0	Rel-6	F	CR	revised to N1-050322
N1-050064	7.4.3	Resolution of references to 24.228	Lucent Technologies	24.247	001		IMS2	6.0.1	Rel-6	F	CR	revised to N1-050323
N1-050065	7.4.3	Cleanups resulting from CR changes for last version	Lucent Technologies	24.229	786		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050324
N1-050066	7.4.4	Incorporation of draft-ietf-sip-rfc3312-update-03.txt	Lucent Technologies	24.229	729	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050067	8.6	Treatment of 3xx responses by IMS	Lucent Technologies				IMS2		Rel-7		DISC	NOTED
N1-050068	8.6	Handling of non-SDP bodies within SIP messages	Lucent Technologies				IMS2		Rel-7		DISC	NOTED

N1-050069	8.6	Redirection and ISUP transparency	Lucent Technologies				IMS2		Rel-7		DISC	NOTED
N1-050070	3	Reply LS to LS on "Reservation of two new sub domains under '.3gppnetwork.org'" from 3GPP TSG CN (NP-040622)	GSMA IREG								LS IN	NOTED
N1-050071	3	About the Workshop on "IMS over Fixed Access" (30-31 March 2005)	ETSI TC-TISPAN								LS IN	NOTED
N1-050072	7.4.3	Routing requests to IMS-ALG	Lucent Technologies	24.229			IMS2	6.5.1	Rel-6		DISC	NOTED
N1-050073	7.4.3	MT- SDP offer with IPv4 address.	Lucent Technologies	24.229	787		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050364
N1-050074	7.4.3	MO - Calls to IPv4 SIP terminals	Lucent Technologies	24.229	788		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050387
N1-050075	7.4.3	SDP offer with IPv4 address in 200 (OK)	Lucent Technologies	24.229	789		IMS2	6.5.1	Rel-6	F	CR	WITHDRAWN
N1-050076	7.4.3	Registration - Abnormal Case	Lucent Technologies	24.229	790		IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050077	6.2	Orig-IOI handling in MGCF	Siemens	24.229	791		IMS-CCR	5.11.1	Rel-5	F	CR	revised to N1-050285
N1-050078	6.2	Orig-IOI handling in MGCF	Siemens	24.229	792		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050286
N1-050079	6.2	RFC 3966	Siemens	24.229	793		IMS-CCR	5.11.1	Rel-5	F	CR	REJECTED
N1-050080	6.2	RFC 3966	Siemens	24.229	794		IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050081	7.2	Sip-profile package in major capabilities	Siemens	24.229	795		PRESNC	6.5.1	Rel-6	F	CR	revised to N1-050306
N1-050082	7.2	Authentication proxy for presence	Siemens	24.141	035		PRESNC	6.2.0	Rel-6	F	CR	AGREED
N1-050083	7.4.1	Authentication Proxy	Siemens	24.147	021		IMS2	6.1.0	Rel-6	F	CR	WITHDRAWN
N1-050084	7.4.3	3rd party Registration in case of shared public user ID	Siemens				IMS2				Disc	NOTED
N1-050085	7.4.3	3rd party Registration in case of shared public user ID	Siemens	24.229	796		IMS2	6.5.1	Rel-6	F	CR	POSTPONED
N1-050086	8.1	TR for IMS services via fixed broadband	Siemens				FBI				TR	revised to N1-050373
N1-050087	8.1	Inclusion of History Header in TS24.229	T-Mobile				FBI				Disc	NOTED
N1-050088	8.1	History Info Header	T-Mobile	24.229	797		FBI	6.5.1	Rel-7	B	CR	principle agreed (will be part of TR 8a.bc)
N1-050089	8.1	Inclusion of MWI RFC3842 in TS 24.229	T-Mobile				FBI				Disc	NOTED

N1-050090	8.1	MWI RFC3842	T-Mobile	24.229	798		FBI	6.5.1	Rel-7	B	CR	revised to N1-050375
N1-050091	8.2	Improvements of VGCS in public networks for parallel use of services	T-Mobile						Rel-7		WID	revised to N1-050379
N1-050092	3	Reply LS on Session Repetition (S4-040841)	GERAN2								LS IN	NOTED
N1-050093	3	Reply LS on MBMS Information Element coding (S2-043862)	GERAN2								LS IN	NOTED
N1-050094	3	LS on bit rate/delay requirements in the GERAN for an MBMS session	GERAN2								LS IN	NOTED
N1-050095	3	Reply LS on AS–NAS interaction on MBMS service priorities (R2-042704)	GERAN2								LS IN	NOTED
N1-050096	3	Response LS on the PS Handover work	GERAN2								LS IN	NOTED
N1-050097	3	LS on method for provisioning of the UE RAC and START_PS to the network	GERAN2								LS IN	NOTED
N1-050098	3	Response LS on the PS Handover Work	GERAN2								LS IN	NOTED
N1-050099	8.6	Performance improvement of MM/GMM signaling procedures in UMTS	Motorola								DISC	NOTED
N1-050100	8.6	Performance improvement of MM/GMM signaling procedures in UMTS	Motorola	24.008	906	1	TEI	6.7.0	Rel-7	C	CR	POSTPONED
N1-050101	7.8	Minor Clarifications to EHPLMN handling	Motorola	23.122	087		TEI7	7.0.0	Rel-7	F	CR	revised to N1-050380
N1-050102	7.5	On 3GPP IP access independence	Nokia	24.234	17		WLAN-IW	6.1.0	Rel-6	F	CR	revised to N1-050267
N1-050103	7.5	IP addressing in 3GPP IP access	Nokia	24.234	18		WLAN-IW	6.1.0	Rel-6	C	CR	WITHDRAWN
N1-050104	8.7	CSI: Transfer of E.164 number in SIP	Nortel Networks				CSI		Rel-7		DISC	NOTED
N1-050105	8.7	CSI: Radio Capability Exchange in SIP	Nortel Networks				CSI		Rel-7		DISC	NOTED
N1-050106	7.3	MESSAGE to multiple recipients	Lucent Technologies	24.247	2		IMS2	6.0.1	Rel-6	F	CR	revised to N1-050317
N1-050107	7.3	MESSAGE to unregistered user	Lucent Technologies	24.247	3		IMS2	6.0.1	Rel-6	F	CR	AGREED
N1-050108	7.3	Message delivery via MESSAGE	Lucent Technologies	24.247	4		IMS2	6.0.1	Rel-6	F	CR	REJECTED
N1-050109	7.4.3	Procedures related to sessions with/without local resource reservation required before completing the session	Orange	24.229	799		IMS-2	6.5.1	Rel-6	F	CR	REJECTED

N1-050110	7.4.3	Discussion paper on the handling at the S-CSCF of specific reason codes sent by the HSS for deregistration in TS 24.229	Orange								DISC	AGREED
N1-050111	6.2	Default handling associated with the trigger at the S-CSCF	Orange	24.229	800		IMS-CCR	5.11.1	Rel-5	F	CR	REJECTED
N1-050112	6.2	Default handling associated with the trigger at the S-CSCF	Orange	24.229	801		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050289
N1-050113	6.2	Default handling associated with the trigger for third party registration	Orange	24.229	802		IMS-CCR	5.11.1	Rel-5	F	CR	REJECTED
N1-050114	6.2	Default handling associated with the trigger for third party registration	Orange	24.229	803		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050290
N1-050115	7.4.3	Service Information	Orange	24.229	804		IMS-2	6.5.1	Rel-6	F	CR	WITHDRAWN
N1-050116	6.2	Use of original dialog identifier at AS	Orange	24.229	805		IMS-CCR	5.11.1	Rel-5	F	CR	revised to N1-050291
N1-050117	6.2	Use of original dialog identifier at AS	Orange	24.229	806		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050292
N1-050118	6.2	Checking Request-URI for terminating requests at the S-CSCF	Orange	24.229	807		IMS-CCR	5.11.1	Rel-5	F	CR	revised to N1-050293
N1-050119	6.2	Checking Request-URI for terminating requests at the S-CSCF	Orange	24.229	808		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050294
N1-050120	6.2	IOI storage at MGCF	Orange	24.229	809		IMS-CCR	5.11.1	Rel-5	F	CR	revised to N1-050295
N1-050121	6.2	IOI storage at MGCF	Orange	24.229	810		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050296
N1-050122	7.4.3	Term-IOI inserted by terminating MGCF	Orange	24.229	811		IMS-2	6.5.1	Rel-6	F	CR	WITHDRAWN
N1-050123	7.4.3	Routing from BGCF to BGCF	Orange	24.229	812		IMS-2	6.5.1	Rel-6	F	CR	REJECTED
N1-050124	6.2	IOI between P-CSCF and S-CSCF	Orange	24.229	813		IMS-CCR	5.11.1	Rel-5	F	CR	POSTPONED
N1-050125	6.2	IOI between P-CSCF and S-CSCF	Orange	24.229	814		IMS-CCR	6.5.1	Rel-6	A	CR	POSTPONED
N1-050126	7.3	Defining TMGI and MBMS Session Id in the mobile identity field	Ericsson	24.008	933		MBMS	6.7.0	Rel-6	F	CR	revised to N1-050250
N1-050127	6.2	Miscellaneous corrections	Qualcomm Incorporated	24.229	815		IMS-CCR	5.11.1	Rel-5	F	CR	POSTPONED
N1-050128	6.2	Miscellaneous corrections	Qualcomm Incorporated	24.229	816		IMS-CCR	6.5.1	Rel-6	A	CR	POSTPONED
N1-050129	7.4.3	Editorial corrections	Qualcomm Incorporated	24.229	817		IMS2	6.5.1	Rel-6	D	CR	AGREED

N1-050130	7.4.2	Changes in TS 24.227 due to delay of CPCP and BFCP approval in IETF	LM Ericsson	24.247	5		IMS2	6.0.1	Rel-6	F	CR	WITHDRAWN
N1-050131	7.4.2	Corrections to TS 24.247 subclause 9.3.3	LM Ericsson	24.247	6		IMS2	6.0.1	Rel-6	F	CR	REJECTED
N1-050132	7.4.2	Alignment between TS 22.340 and on TS 24.247 for "is composing"	LM Ericsson	24.247	7		IMS2	6.0.1	Rel-6	F	CR	revised to N1-050319
N1-050133	7.4.2	Alignment between TS 23.228/ TS 22.340 and TS 24.247 for immediate messaging	LM Ericsson	24.247	8		IMS2	6.0.1	Rel-6	F	CR	revised to N1-050318
N1-050134	7.4.2	Clarifications to TS 24.247 subclause 9.3	LM Ericsson	24.247	9		IMS2	6.0.1	Rel-6	F	CR	revised to N1-050320
N1-050135	7.4.3	Corrections to subclause 5.5 in TS 24.229	LM Ericsson	24.229	818		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050328
N1-050136	7.4.3	Record-Route for AS in proxy mode	Orange	24.229	819		IMS-2	6.5.1	Rel-6	F	CR	REJECTED
N1-050137	7.3	Correct GPRS SM List and MBMS IE Descriptions	Vodafone	24.008	934		MBMS	6.7.0	Rel-6	F	CR	revised to N1-050311
N1-050138	7.8	Missing Messages in MM and CC Summary Tables	Vodafone	24.008	935		TEI6	6.7.0	Rel-6	F	CR	revised to N1-050359
N1-050139	7.8	Missing Messages in MM and CC Summary Tables	Vodafone	24.008	936		TEI6	6.7.0	Rel-6	F	CR	
N1-050140	6.2	Handling topmost Route header at the P-CSCF	Vodafone	24.229	820		IMS-CCR	v5.11.1	R5	F	CR	REJECTED
N1-050141	6.2	Handling topmost Route header at the P-CSCF	Vodafone	24.229	821		IMS-CCR	v6.5.1	Rel-6	A	CR	revised to N1-050297
N1-050142	7.8	Transparent data call request in dual mode case	Nokia	24.008	930	1	TEI-6	6.7.0	Rel-6	C	CR	revised to N1-050249
N1-050143	7.8	SETUP Message Enhancement for Voice Video Switching	Vodafone	24.008	937		TEI6	6.7.0	Rel-6	B	CR	revised to N1-050360
N1-050144	7.4.3	Cleanups to 3GPP IMS management object	Ericsson / Atle	24.167			IMS2	1.0.0	Rel-6	F	CR	revised to N1-050330
N1-050145	7.4.3	Corrections to the UE tables for 'major capabilities'	Ericsson	24.229	822		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050332
N1-050146	7.4.3	Corrections to the UE tables for 'BYE'	Ericsson	24.229	823		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050333
N1-050147	7.4.3	Removal of the UE table for 'status codes'	Ericsson	24.229	824		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050351
N1-050148	7.4.3	Corrections to the UE tables for 'ACK'	Ericsson	24.229	825		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050334
N1-050149	7.4.3	Corrections to the UE tables for 'CANCEL'	Ericsson	24.229	826		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050335
N1-050150	7.4.3	Corrections to the UE tables for 'INVITE'	Ericsson	24.229	827		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050336
N1-050151	7.4.3	Corrections to the UE tables for 'MESSAGE'	Ericsson	24.229	828		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050337

N1-050152	7.4.3	Corrections to the UE tables for 'NOTIFY'	Ericsson	24.229	829		IMS2	6.5.1	Rel-6	F	CR	revised toN1-050338
N1-050153	7.4.3	Corrections to the UE tables for 'OPTIONS'	Ericsson	24.229	830		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050339
N1-050154	7.4.3	Corrections to the UE tables for 'PRACK'	Ericsson	24.229	831		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050340
N1-050155	7.4.3	Corrections to the UE tables for 'PUBLISH'	Ericsson	24.229	832		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050341
N1-050156	7.4.3	Corrections to the UE tables for 'REFER'	Ericsson	24.229	833		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050342
N1-050157	7.4.3	Corrections to the UE tables for 'REGISTER'	Ericsson	24.229	834		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050343
N1-050158	7.4.3	Corrections to the UE tables for 'SUBSCRIBE'	Ericsson	24.229	835		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050344
N1-050159	7.4.3	Corrections to the UE tables for 'UPDATE'	Ericsson	24.229	836		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050345
N1-050160	7.4.3	Corrections to the UE tables for SDP	Ericsson	24.229	837		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050346
N1-050161	6.1	EPRT Inter-PLMN Group Call notification for dispatchers	Nortel, Siemens	43.068	32		ASCI	5.4.0	Rel-5	F	CR	REJECTED
N1-050162	6.1	EPRT Inter-PLMN Broadcast Call notification for dispatchers	Nortel, Siemens	43.069	19		ASCI	5.4.0	Rel-5	F	CR	WITHDRAWN
N1-050163	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	03.68	A041		ASCI	8.4.0	R99	F	CR	WITHDRAWN
N1-050164	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	43.068	33		ASCI	4.4.0	Rel-4	A	CR	WITHDRAWN
N1-050165	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	43.068	34		ASCI	5.4.0	Rel-5	A	CR	WITHDRAWN
N1-050166	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	43.068	35		ASCI	6.3.0	Rel-6	A	CR	WITHDRAWN
N1-050167	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	02.68			ASCI	8.1.0	R99	F	CR	WITHDRAWN
N1-050168	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	42.068			ASCI	4.1.0	Rel-4	A	CR	WITHDRAWN
N1-050169	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	42.068			ASCI	5.0.1	Rel-5	A	CR	WITHDRAWN
N1-050170	5.1	EPRT: clarification of VGCS subscriber definitions	Nortel, Siemens	42.068			ASCI	6.0.0	Rel-6	A	CR	WITHDRAWN
N1-050171	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	03.69	A029		ASCI	8.4.0	R99	F	CR	WITHDRAWN

N1-050172	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	43.069	20		ASCI	4.4.0	Rel-4	A	CR	WITHDRAWN
N1-050173	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	43.069	21		ASCI	5.4.0	Rel-5	A	CR	WITHDRAWN
N1-050174	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	43.069	22		ASCI	6.1.0	Rel-6	A	CR	WITHDRAWN
N1-050175	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	02.69			ASCI	8.1.0	R99	F	CR	WITHDRAWN
N1-050176	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	42.069			ASCI	4.1.0	Rel-4	A	CR	WITHDRAWN
N1-050177	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	42.069			ASCI	5.0.1	Rel-5	A	CR	WITHDRAWN
N1-050178	5.1	EPRT: clarification of calling subscriber	Nortel, Siemens	42.069			ASCI	6.0.0	Rel-6	A	CR	WITHDRAWN
N1-050179	7.1	Discussion on TR 33.878: Identity Derivation	Nokia								DISC	revised to N1-050377
N1-050180	7.1	Discussion on TR 33.878: Authorization Header	Nokia								DISC	revised to N1-050302
N1-050181	6.2	Correction to interaction between S-CSCF and HSS in Network initiated deregistration procedure	Nokia	24.228	137	1	IMS-CCR	5.11.0	Rel-5	F	CR	revised to N1-050298
N1-050182	7.4.1	Deleting CPCP and BFCP from Rel-6 IMS Conferencing	Nokia	24.147	22		IMS2	6.1.0	Rel-6	C	CR	revised to N1-050314
N1-050183	7.4.2	Removing CPCP from 24.247	Nokia	24.247	10		IMS2	6.0.1	Rel-6	C	CR	revised to N1-050315
N1-050184	8.1	Early media using multiple dialogs	LM Ericsson				FBI				DISC	NOTED
N1-050185	8.1	Early media using multiple dialogs	LM Ericsson	24.229	838		FBI	6.5.1	Rel-7	B	CR	principle agreed, it will be incorporated into TR
N1-050186	7.8	Management Based Activation Impacts	Ericsson	29.018	43		OEM - Trace	6.1.0	6	B	CR	revised to N1-050361
N1-050187	4	CN1 ToR	Chairman								DISC	revised to N1-050382
N1-050188	7.3	Introduction of MBMS support indication to the UE	NTT DoCoMo, NEC	24.008	938		MBMS	6.7.0	Rel-6	F	CR	revised toN1-050312
N1-050189	7.8	Addition of domain specific access control	NTT DoCoMo	24.008	939		TEI6	6.7.0	Rel-6	F	CR	revised toN1-050310
N1-050190	7.8	Addition of domain specific access control description	NTT DoCoMo	23.122	88		TEI6	6.3.0	Rel-6	F	CR	revised N1-050362
N1-050191	7.8	Introduction of domain specific access control	Siemens, Infineon Technologies	24.008	949		TEI-6	6.7.0	Rel-6	B	CR	revised to N1-050268

N1-050192	7.8	Provision of MS specific UTRAN capabilities for the PS handover from GERAN to UTRAN	Siemens, Infineon Technologies	24.008	950		SCSA GB	6.7.0	Rel-6	B	CR	revised to N1-050366
N1-050193	7.8	GPRS attach type while in DTM	Siemens, Infineon Technologies	24.008	951		TEI-6	6.7.0	Rel-6	F	CR	revised to N1-050367
N1-050194	7.8	Detach for PS and CS during a ongoing CS connection	Siemens, Infineon Technologies	24.008	952		TEI-6	6.7.0	Rel-6	F	CR	revised to N1-050368
N1-050195	7.8	Condition for Combined RAU after a DTM connection	Siemens, Infineon Technologies	24.008	953		TEI-6	6.7.0	Rel-6	F	CR	revised to N1-050369
N1-050196	7.3	MBMS Session Management clarifications	Siemens, Infineon Technologies	24.008	954		MBMS	6.7.0	Rel-6	F	CR	revised to N1-050308
N1-050197	7.8	Clarification on locking shift procedure	NTT DoCoMo	24.008	955		TEI6	6.7.0	Rel-6	F	CR	POSTPONED
N1-050198	7.3	Introduction of MBMS in clause 8	Siemens	24.008	956		MBMS	6.7.0	Rel-6	B	CR	revised to N1-050309
N1-050199	7.4.2	Corrections to Message Session Flows to align with draft-ietf-simple-message-sessions-09	RIM	24.247	11		IMS2	6.0.1	Rel- 6	F	CR	revised to N1-050316
N1-050200	7.5	PLMN selection for WLAN	RIM	24.234	19		WLAN	6.1.1	Rel- 6	B	CR	revised to N1-050352
N1-050201	7.8	Modification of MS Behaviour under GPRS Attach with Reject Cause #14	RIM	24.008	957		TEI6	6.7.0	Rel-6	C	CR	revised to N1-050370
N1-050202	7.4.3	Clarification of procedures for IMS provisioning parameters	RIM	24.167			IMS2	1.0.0	Rel-6	B	CR	revised to N1-050305
N1-050203	6.2	Default handling	Orange	23.218	73		IMS-CCR	5.7.0	Rel-5	F	CR	revised to N1-050287
N1-050204	6.2	Default handling	Orange	23.218	74		IMS-CCR	6.2.0	Rel-6	A	CR	revised to N1-050288
N1-050205	7.1	Early IMS Security Corrections and Clarifications to TR 33.878	Vodafone	33.878				1.0.0	6		DISC	revised to N1-050304
N1-050206	7.3	Reply LS (to R2-050272) on AS-NAS interaction for MBMS	Ericsson				MBMS		Rel-6		LS OUT	AGREED
N1-050207	7.3	Mapping of 'MBMS notification response' to RRC establishment cause	Ericsson	24.008	958		MBMS	6.7.0	Rel-6	F	CR	AGREED
N1-050208	7.5	Fallback to full authentication	Ericsson	24.234	20		WLAN	6.1.1	Rel-6	F	CR	revised to N1-050327

N1-050209	7.8	Transferring of UTRAN related information via SGSN in order to support PS Handover for GERAN A/Gb mode	Ericsson	24.008	959		SCSA GB	6.7.0	Rel-6	B	CR	revised to N1-050275
N1-050210	7.8	Comments on the PS Handover Stage 2	Ericsson				SCSA GB		Rel-6		DISC	NOTED
N1-050211	7.8	Inclusion of support for PS Handover for GERAN A/Gb mode	Ericsson	24.008	960		SCSA GB	6.7.0	Rel-6	B	CR	Not treated due to lack of time
N1-050212	7.8	Inclusion of support for PS Handover for GERAN A/Gb mode	Ericsson	44.064	9		SCSA GB	6.0.1	Rel-6	B	CR	Not treated due to lack of time
N1-050213	7.8	Inclusion of support for PS Handover for GERAN A/Gb	Ericsson	44.065	18		SCSA GB	6.3.0	Rel-6	B	CR	Not treated due to lack of time
N1-050214	8.6	Selective Disabling of UE Capabilities	Ericsson				SDoU E		Rel-7		DISC	NOTED
N1-050215	6.1	EPRT Inter-PLMN Group Call notification for dispatchers	Nortel Siemens	43.068	36	1	TEI6I	6.3.0	Rel-6	F	CR	revised to N1-050281
N1-050216	6.1	EPRT Inter-PLMN Broadcast Call notification for dispatchers	Nortel Siemens	43.069	23	1	TEI6	6.1.0	Rel-6	F	CR	revised to N1-050282
N1-050217	3	LS to CN1, CN4, RAN3 on Rel-7 WID for Trace Management	SA5								LS IN	NOTED
N1-050218	7.1	Comments on 3GPP TR 33.878 "Security Aspects of Early IMS"	Lucent Technologies	33.878				1.0.0	Rel-6		DISC	NOTED
N1-050219	8.6	Summary of ETSI TISPAN activities in support of interworking discussion documents	Lucent Technologies						Rel-7		DISC	NOTED
N1-050220	6.2	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	Lucent Technologies	24.229	839		IMS-CCR	5.11.1	Rel-5	F	CR	AGREED
N1-050221	6.2	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	Lucent Technologies / Keith Drage	24.229	840		IMS-CCR	6.5.1	Rel-6	A	CR	AGREED

N1-050222	6.2	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	Lucent Technologies	23.218	75		IMS-CCR	5.7.0	Rel-5	F	CR	AGREED
N1-050223	6.2	Filter criteria matching and generation of third-party REGISTER request for network-initiated deregistration	Lucent Technologies	23.218	76		IMS-CCR	6.2.0	Rel-6	A	CR	AGREED
N1-050224	7.5	Correction of Abbreviation Usage	Lucent Technologies	24.234	21		WLAN	6.1.1	Rel-6	F	CR	revised to N1-050353
N1-050225	7.4.3	Filtering of the P-Access-Network-Info header by the S-CSCF and privacy rules	Lucent Technologies	24.229	841		IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050226	8.6	Selective Disabling of UE Capabilities	Ericsson	24.008	961		SDoUE	6.7.0	Rel-6	B	CR	NOTED
N1-050227	7.8	Inclusion of support for PS Handover for GERAN A/Gb	Ericsson	24.007	73		SCSAGB	6.3.0	Rel-6	B	CR	Not available
N1-050228	7.8	Adding the Application Charging Identifier	HUAWEI	24.229	842		TEI6	6.5.1	Rel-6	F	CR	POSTPONED
N1-050229	6.2	Correection to the MGCF's action when recieving a call from the CS network	HUAWEI	24.229	843		TEI5	5.b.1	Rel-5	F	CR	POSTPONED
N1-050230	6.2	Correection to the MGCF's action when recieving a call from the CS network	HUAWEI	24.229	844		TEI6	6.5.1	Rel-6	A	CR	POSTPONED
N1-050231	7.4.3	Handling to the deregistration of the old contact information	HUAWEI, Orange	24.229	845		IMS-CCR	6.5.1	Rel-6	F	CR	REJECTED
N1-050232	7.4.3	Correction to the Registration procedure	HUAWEI	24.229	846		IMS-CCR	6.5.1	Rel-6	F	CR	revised to N1-050347
N1-050233	6.2	Removal of I-CSCF normative requirement on Cx interface	Lucent Technologies	24.229	847		IMS-CCR	5.11.1	Rel-5	F	CR	REJECTED
N1-050234	6.2	Removal of I-CSCF normative requirement on Cx interface	Lucent Technologies	24.229	848		IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050299
N1-050235	7.4.3	Corrections to addition of session set-up not requiring preconditions and reliable transport of provisional responses	Lucent Technologies	24.229	849		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050326
N1-050236	7.4.3	Addition of IMS-ALG to profile tables	Lucent Technologies	24.229	850		IMS2	6.5.1	Rel-6	F	CR	revised to N1-050348
N1-050237	4	A summary of IETF dependencies for the PRESNC work item	Lucent Technologies				PRESNC		Rel-6		DISC	NOTED

N1-050238	4	A summary of the IETF dependencies for the IMS2 work item	Lucent Technologies				IMS2		Rel-6		DISC	NOTED
N1-050239	7.4.1	Completion of signalling flow introduction	Lucent Technologies	24.147	23		IMS2	6.1.0	Rel-6	F	CR	Not available
N1-050240	7.4.2	Completion of signalling flow introduction	Lucent Technologies	24.247	12		IMS2	6.0.1	Rel-6	F	CR	Not available
N1-050241	7.6	Editorial corrections	Nokia	24.109	11		SEC-SC	6.1.0	Rel-6	D	CR	revised to N1-050357
N1-050242	7.6	PSK TLS updates	Nokia	24.109	12		SEC-SC	6.1.0	Rel-6	F	CR	revised to N1-050358
N1-050243	7.6	XCAP-change clarrification	Nokia	24.141	37		PRES NC	6.2.0	Rel-6	D	CR	AGREED
N1-050244	7.2	XCAP-change correction	Nokia	24.141	38		PRES NC	6.2.0	Rel-6	F	CR	AGREED
N1-050245	7.2	IFC corrections	Nokia	24.141	39		PRES NC	6.2.0	Rel-6	F	CR	AGREED
N1-050246	7.4.3	Press and im URIs in incoming requests	Nokia	24.229	851		IMS2	6.5.1	Rel-6	C	CR	revised to N1-050246
N1-050247	7.4.3	Clarification on P-CSCF initiated call release	Nokia	24.229	852		IMS2	6.5.1	Rel-6	F	CR	POSTPONED
N1-050248	7.4.3	Reg event handling clarification	Nokia	24.229	853		IMS2	6.5.1	Rel-6	C	CR	revised to N1-050350
N1-050249	7.8	Transparent data call request in dual mode case	Nokia	24.008	930	2	TEI6	6.7.0	Rel-6	C	CR	revised to N1-050372
N1-050250	7.3	Defining TMGI and MBMS Session Id in the mobile identity field	Ericsson	24.008	933	1	MBMS	6.7.0	Rel-6	F	CR	revised to N1-050313
N1-050251	3	LS on initial HPLMN Search Timer	T1								LS IN	NOTED
N1-050252	3	Misalignment between VGCS stage 1 and stage2	SA1								LS IN	NOTED
N1-050253	4	WID for Combining CS and IMS services & CapabilityDetection mechanism									WID	revised to N1-050381
N1-050254	3	Reply to Liaison Statement on MBMS User Service architecture	SA2								LS IN	NOTED
N1-050255	3	Reply LS on Application Charging ID	SA2								LS IN	NOTED
N1-050256	3	RE:LS on Control of simultaneous accesses for WLAN 3GPP IP access	SA2								LS IN	NOTED
N1-050257	3	LS on transport of HSS address	SA2								LS IN	NOTED
N1-050258	3	Reply to Reply LS (to N1-041944) on AS-NAS interaction for MBMS	SA2								LS IN	NOTED

N1-050259	3	Reply LS on Session Repetition	SA2								LS IN	NOTED
N1-050260	3	Reply to LS on NAS signalling load at MBMS Session Start/Stop	SA2								LS IN	NOTED
N1-050261	3	Response LS on MBMS session repetition	SA2								LS IN	NOTED
N1-050262	3	LS on the ACBOP TR status	SA2								LS IN	NOTED
N1-050263	3	Reply LS on the Workshop on "IMS over Fixed Access"	SA2								LS IN	NOTED
N1-050264	3	LS on protocol aspects for CSI	SA2								LS IN	NOTED
N1-050265	8.2	Introduction of privilege for VGCS	HUAWEI	43.068	37		EGCS	6.2.0	Rel-7	B	CR	Not treated due to time
N1-050266	8.2	Introduction of group SMS for VGCS	HUAWEI	43.068	38		EGCS	6.2.0	Rel-7	B	CR	Not treated due to time
N1-050267	7.5	On 3GPP IP access independence	Nokia	24.234	17	1	WLAN-IW	6.1.0	Rel-6	F	CR	revised to N1-050331
N1-050268	7.8	Introduction of domain specific access control	Siemens Infineon Technologies	24.008	949	1	TEI-6	6.7.0	Rel-6	B	CR	REJECTED
N1-050269	9	Reply LS to GERAN (reply to N1-041977)	CN1								LS OUT	revised to N1-050406
N1-050270	9	Misalignment amongst the 3GPP specifications, “Re-authentication and key set change during inter-system handover”	CN1								LS OUT	AGREED
N1-050271	9	Reply LS (to R3-041648) on MBMS Information Elements over Iu interface	CN1								LS OUT	AGREED
N1-050272	9	Reply LS to SA2 on 3rd party registration and shared public user identities	CN1								LS OUT	AGREED
N1-050273	9	Reply LS on "S-CSCF client address comparisons and their affect on de-registrations"	CN1								LS OUT	AGREED
N1-050274	9	Reply to LS on NAS signalling load at MBMS Session Start/Stop from RAN2	CN1								LS OUT	revised to N1-050407
N1-050275	7.8	Transferring of UTRAN related information via SGSN in order to support PS Handover for GERAN A/Gb mode	Ericsson	24.008	959	1	SCSA GB	6.7.0	Rel-6	B	CR	REJECTED

N1-050276	9	LS on PS handover and Robust Header Compression (RoHC) Context Relocation	CN1								LS OUT	AGREED
N1-050277	9	Reply LS on IP multimedia messaging capabilities	CN1								LS OUT	AGREED
N1-050278	9	LS on provisioning of the UE RAC and START_PS to the network	CN1								LS OUT	AGREED
N1-050279	9	Reply LS on "Misalignment between VGCS stage 1 and 2"	CN1								LS OUT	AGREED
N1-050280	5.1	Correction of the conditions for establishment of a voice group call	Nortel Networks, Siemens	03.68	A040	2	ASCI	8.4.0	R99	F	CR	AGREED
N1-050281	6.1	EPRT Inter-PLMN Group Call notification for dispatchers	Nortel Siemens	43.068	36	1	TEI6	6.3.0	Rel-6	F	CR	AGREED
N1-050282	6.1	EPRT Inter-PLMN Broadcast Call notification for dispatchers	Nortel Siemens	43.069	23	1	TEI6	6.1.0	Rel-6	F	CR	AGREED
N1-050283	6.2	Correction to S-CSCF charging headers on subsequent requests	Lucent Technologies	24.229	782	1	IMS-CCR	5.11.1	Rel-5	F	CR	WITHDRAWN
N1-050284	6.2	Correction to S-CSCF charging headers on subsequent requests	Lucent Technologies	24.229	783	1	IMS-CCR	6.5.1	Rel-6	A	CR	WITHDRAWN
N1-050285	6.2	Orig-IOI handling in MGCF	Siemens	24.229	791	1	IMS-CCR	5.11.1	Rel-5	F	CR	WITHDRAWN
N1-050286	6.2	Orig-IOI handling in MGCF	Siemens	24.229	792	1	IMS-CCR	6.5.1	Rel-6	A	CR	WITHDRAWN
N1-050287	6.2	Default handling	Orange	23.218	73	1	IMS-CCR	5.7.0	Rel-5	F	CR	AGREED
N1-050288	6.2	Default handling	Orange	23.218	74	1	IMS2	6.2.0	Rel-6	F	CR	AGREED
N1-050289	6.2	Default handling associated with the trigger at the S-CSCF	Orange	24.229	801	1	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050399
N1-050290	6.2	Default handling associated with the trigger for third party registration	Orange	24.229	803	1	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050400
N1-050291	6.2	Use of original dialog identifier at AS	Orange	24.229	805	1	IMS-CCR	5.11.1	Rel-5	F	CR	AGREED
N1-050292	6.2	Use of original dialog identifier at AS	Orange	24.229	806	1	IMS-CCR	6.5.1	Rel-6	A	CR	AGREED
N1-050293	6.2	Checking Request-URI for terminating requests at the S-CSCF	Orange	24.229	807	1	IMS-CCR	5.11.1	Rel-5	F	CR	revised to N1-050401

N1-050294	6.2	Checking Request-URI for terminating requests at the S-CSCF	Orange	24.229	808	1	IMS-CCR	6.5.1	Rel-6	A	CR	revised to N1-050402
N1-050295	6.2	IOI storage at MGCF	Orange	24.229	809	1	IMS-CCR	5.11.1	Rel-5	F	CR	AGREED
N1-050296	6.2	IOI storage at MGCF	Orange	24.229	810	1	IMS-CCR	6.5.1	Rel-6	A	CR	AGREED
N1-050297	6.2	Handling topmost Route header at the P-CSCF	Vodafone	24.229	821	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050298	6.2	Correction to interaction between S-CSCF and HSS in Network initiated deregistration procedure	Nokia	24.228	137	2	IMS-CCR	5.11.0	Rel-5	F	CR	AGREED
N1-050299	6.2	Removal of I-CSCF normative requirement on Cx interface	Lucent Technologies	24.229	848	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050300	8.5	Updated Trace WID	CN1								WID	AGREED
N1-050301	7.4.3	Correction of erroneous reference	Motorola	24.229	854		IMS2	6.5.1	Rel-6	F	CR	not handled due to lack of time
N1-050302	7.1	Discussion on TR 33.878: Authorization Header	Nokia								DISC	WITHDRAWN
N1-050303	9	LS to SA3 with comments and proposed changes to TR 33.878	CN1								LS OUT	revised to N1-050408
N1-050304	7.1	Early IMS Security Corrections and Clarifications to TR 33.878	Vodafone	33.878				1.0.0	6		DISC	revised to N1-050403
N1-050305	7.4.3	Clarification of procedures for IMS provisioning parameters	RIM	24.167			IMS2	1.0.0	Rel-6	B	CR	revised to N1-050393
N1-050306	7.2	Sip-profile package in major capabilities	Siemens	24.229	795	1	PRESNC	6.5.1	Rel-6	F	CR	AGREED
N1-050307	7.3	Synchronization of MBMS context status between UE and SGSN	Siemens	24.008	931	1	MBMS	6.7.0	Rel-6	B	CR	AGREED
N1-050308	7.3	MBMS Session Management clarifications	Siemens, Infineon Technologies	24.008	954	1	MBMS	6.7.0	Rel-6	F	CR	AGREED
N1-050309	7.3	Introduction of MBMS in clause 8	Siemens	24.008	956	1	MBMS, TEI6	6.7.0	Rel-6	B	CR	AGREED
N1-050310	7.8	Addition of domain specific access control	NTT DoCoMo	24.008	939	1	TEI6	6.7.0	Rel-6	F	CR	revised to N1-050365
N1-050311	7.3	Correct GPRS SM List and MBMS IE Descriptions	Vodafone	24.008	934	1	MBMS	6.7.0	Rel-6	F	CR	AGREED

N1-050312	7.3	Introduction of MBMS support indication to the UE	NTT DoCoMo, NEC	24.008	938	1	MBMS	6.7.0	Rel-6	F	CR	revised to N1-050411
N1-050313	7.3	Defining TMGI and MBMS Session Id in the mobile identity field	Ericsson	24.008	933	2	MBMS	6.7.0	Rel-6	B	CR	AGREED
N1-050314	7.4.1	Deleting CPCP and BFCP from Rel-6 IMS Conferencing	Nokia	24.147	22	1	IMS2	6.1.0	Rel-6	C	CR	revised to N1-050374
N1-050315	7.4.2	Removing CPCP from 24.247	Nokia	24.247	10	2	IMS2	6.0.1	Rel-6	C	CR	AGREED
N1-050316	7.4.2	Corrections to Message Session Flows to align with draft-ietf-simple-message-sessions-09	RIM	24.247	11	1	IMS2	6.0.1	Rel- 6	F	CR	AGREED
N1-050317	7.3	MESSAGE to multiple recipients	Lucent Technologies	24.247	2	1	IMS2	6.0.1	Rel-6	F	CR	revised to N1-050389
N1-050318	7.4.2	Alignment between TS 23.228/ TS 22.340 and TS 24.247 for immediate messaging	LM Ericsson	24.247	8	1	IMS2	6.0.1	Rel-6	F	CR	AGREED
N1-050319	7.4.2	Alignment between TS 22.340 and on TS 24.247 for "is composing"	LM Ericsson	24.247	7	1	IMS2	6.0.1	Rel-6	F	CR	revised to N1-050390
N1-050320	7.4.2	Clarifications to TS 24.247 subclause 9.3	LM Ericsson	24.247	9	1	IMS2	6.0.1	Rel-6	F	CR	revised to N1-050391
N1-050321	7.4.3	Resolution of references to 24.228	Lucent Technologies	24.141	034	1	IMS2	6.2.0	Rel-6	F	CR	AGREED
N1-050322	7.4.3	Resolution of references to 24.228	Lucent Technologies	24.147	020	1	IMS2	6.1.0	Rel-6	F	CR	AGREED
N1-050323	7.4.3	Resolution of references to 24.228	Lucent Technologies	24.247	001	1	IMS2	6.0.1	Rel-6	F	CR	AGREED
N1-050324	7.4.3	Cleanups resulting from CR changes for last version	Lucent Technologies	24.229	786	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050325	3	LS on completion of network initiated SCUDIF support	RAN3				TEI6				LS IN	NOTED
N1-050326	7.4.3	Corrections to addition of session set-up not requiring preconditions and reliable transport of provisional responses	Lucent Technologies	24.229	849	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050327	7.5	Fallback to full authentication	Ericsson	24.234	20	1	WLAN	6.1.1	Rel-6	F	CR	revised to N1-050354
N1-050328	7.4.3	Corrections to subclause 5.5 in TS 24.229	LM Ericsson	24.229	818	1	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050394
N1-050329	7.4.3	Record-Route for AS in proxy mode	Orange	24.229	819	1	IMS-2	6.5.1	Rel-6	F	CR	WITHDRAWN
N1-050330	7.4.3	Cleanups to 3GPP IMS management object	Ericsson	24.167			IMS2	1.0.0	Rel-6	F	CR	AGREED
N1-050331	7.5	On 3GPP IP access independence	Nokia	24.234	17	2	WLAN-IW	6.1.0	Rel-6	F	CR	revised to N1-050356

N1-050332	7.4.3	Corrections to the UE tables for 'major capabilities'	Ericsson	24.229	822	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050333	7.4.3	Corrections to the tables for 'BYE'	Ericsson	24.229	823	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050334	7.4.3	Corrections to the UE tables for 'ACK'	Ericsson	24.229	825	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050335	7.4.3	Corrections to the tables for 'CANCEL'	Ericsson	24.229	826	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050336	7.4.3	Corrections to the tables for 'INVITE'	Ericsson	24.229	827	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050337	7.4.3	Corrections to the tables for 'MESSAGE'	Ericsson	24.229	828	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050338	7.4.3	Corrections to the tables for 'NOTIFY'	Ericsson	24.229	829	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050339	7.4.3	Corrections to the tables for 'OPTIONS'	Ericsson	24.229	830	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050340	7.4.3	Corrections to the tables for 'PRACK'	Ericsson	24.229	831	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050341	7.4.3	Corrections to the tables for 'PUBLISH'	Ericsson	24.229	832	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050342	7.4.3	Corrections to the tables for 'REFER'	Ericsson	24.229	833	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050343	7.4.3	Corrections to the tables for 'REGISTER'	Ericsson	24.229	834	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050344	7.4.3	Corrections to the tables for 'SUBSCRIBE'	Ericsson	24.229	835	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050345	7.4.3	Corrections to the tables for 'UPDATE'	Ericsson	24.229	836	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050346	7.4.3	Corrections to the tables for SDP	Ericsson	24.229	837	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050347	7.4.3	Correction to the Registration procedure	HUAWEI	24.229	846	1	IMS-CCR	6.5.1	Rel-6	F	CR	revised to N1-050413
N1-050348	7.4.3	Addition of IMS-ALG to profile tables	Lucent Technologies	24.229	850	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050349	7.4.3	Press and im URIs in incoming requests	Nokia	24.229	851	1	IMS2	6.5.1	Rel-6	C	CR	revised to N1-050395
N1-050350	7.4.3	Reg event handling clarification	Nokia	24.229	853	1	IMS2	6.5.1	Rel-6	C	CR	WITHDRAWN
N1-050351	7.4.3	Removal of the UE table for 'status codes'	Ericsson	24.229	824	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050352	7.5	PLMN selection for WLAN	RIM	24.234	19	1	WLAN	6.1.1	Rel- 6	B	CR	AGREED
N1-050353	7.5	Correction of Abbreviation Usage	Lucent Technologies	24.234	21	1	WLAN	6.1.1	Rel-6	D	CR	AGREED
N1-050354	7.5	Fallback to full authentication	Ericsson	24.234	20	2	WLAN	6.1.1	Rel-6	F	CR	AGREED
N1-050355	9	LS to SA3 related to N1-050355	CN1								LS OUT	revised to N1-050376
N1-050356	7.5	On 3GPP IP access independence	Nokia	24.234	17	3	WLAN-IW	6.1.0	Rel-6	F	CR	AGREED
N1-050357	7.6	Editorial corrections	Nokia	24.109	11	1	SEC-SC	6.1.0	Rel-6	F	CR	AGREED

N1-050358	7.6	PSK TLS updates	Nokia	24.109	12	1	SEC-SC	6.1.0	Rel-6	F	CR	AGREED
N1-050359	7.8	Missing Messages in MM and CC Summary Tables	Vodafone	24.008	935	1	TEI6	6.7.0	Rel-6	F	CR	AGREED
N1-050360	7.8	SETUP Message Enhancement for Voice Video Switching	Vodafone	24.008	937	1	TEI6	6.7.0	Rel-6	B	CR	POSTPONED
N1-050361	7.8	Management Based Activation Impacts	Ericsson	29.018	43	1	OEM - Trace	6.1.0	6	B	CR	revised to N1-050396
N1-050362	7.8	Addition of domain specific access control description	NTT DoCoMo	23.122	88	1	ACBOP	6.3.0	Rel-6	F	CR	AGREED
N1-050363	7.8	Addition of domain specific access control description	NTT DoCoMo	23.122	89		ACBOP	7.0.0	Rel-7	A	CR	AGREED
N1-050364	7.4.3	MT- SDP offer with IPv4 address.	Lucent Technologies	24.229	787	1	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050385
N1-050365	7.8	Addition of domain specific access control	NTT DoCoMo	24.008	939	2	TEI6	6.7.0	Rel-6	F	CR	revised to N1-050417
N1-050366	7.8	Provision of MS specific UTRAN capabilities for the PS handover from GERAN to UTRAN	Siemens, Infineon Technologies	24.008	950	1	SCSAGB	6.7.0	Rel-6	B	CR	revised to N1-050404
N1-050367	7.8	GPRS attach type while in DTM	Siemens, Infineon Technologies	24.008	951	1	TEI6	6.7.0	Rel-6	F	CR	AGREED
N1-050368	7.8	Detach for PS and CS during a ongoing CS connection	Siemens, Infineon Technologies	24.008	952	1	TEI6	6.7.0	Rel-6	F	CR	AGREED
N1-050369	7.8	Condition for Combined RAU after a DTM connection	Siemens, Infineon Technologies	24.008	953	1	TEI6	6.7.0	Rel-6	F	CR	AGREED
N1-050370	7.8	Modification of MS Behaviour under GPRS Attach with Reject Cause #14	RIM	24.008	957	1	TEI6	6.7.0	Rel-6	C	CR	revised to N1-050405
N1-050371	9	Reply LS on Application Charging ID	CN1								LS OUT	AGREED
N1-050372	7.8	Transparent data call request in dual mode case	Nokia	24.008	930	3	TEI-6	6.7.0	Rel-6	C	CR	revised to N1-050398
N1-050373	8.1	TR for IMS services via fixed broadband	Siemens			1	FBI				TR	AGREED
N1-050374	7.4.1	Deleting CPCP and BFCP from Rel-6 IMS Conferencing	Nokia	24.147	22	2	IMS2	6.1.0	Rel-6	C	CR	AGREED
N1-050375	8.1	MWI RFC3842	T-Mobile	24.229	798		FBI	6.5.1	Rel-7	B	CR	principle agreed, will be incorporated into new TR

N1-050376	9	Alignment of specifications between CN1 and SA3 with respect to fallback to full authentication	CN1								LS OUT	AGREED
N1-050377	7.1	Discussion on TR 33.878: Identity Derivation	Nokia								DISC	WITHDRAWN
N1-050378	8.2	Support of talker priorities and talker identity presentation	Siemens	43.068	028	2	EGCS	6.3.0	Rel-7	B	CR	WITHDRAWN
N1-050379	8.2	Improvements of VGCS in public networks for parallel use of services	T-Mobile						Rel-7		WID	AGREED
N1-050380	7.8	Minor Clarifications to EHPLMN handling	Motorola	23.122	087	1	TEI7	7.0.0	Rel-7	F	CR	AGREED
N1-050381	4	WID for Combining CS and IMS services & CapabilityDetection mechanism									WID	AGREED
N1-050382	4	CN1 ToR	Chairman								DISC	revised to N1-050397
N1-050383	9	Reply LS to SA2 on transport of HSS address	CN1								LS OUT	AGREED
N1-050384	9	Reply to SA2 on LS on protocol aspects for CSI	CN1								LS OUT	revised to N1-050415
N1-050385	7.4.3	MT- SDP offer with IPv4 address.	Lucent Technologies	24.229	787	2	IMS2	6.5.1	Rel-6	F	CR	POSTPONED to next meeting
N1-050386	9	LS related to N1-050372 on Transparent data call request in dual mode case	CN1								LS OUT	revised to N1-050410
N1-050387	7.4.3	MO - Calls to IPv4 SIP terminals	Lucent Technologies	24.229	788	1	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050388	9	LS to OMA on Clarification of procedures for IMS provisioning parameters (related to N1-050386)	CN1								LS OUT	revised to N1-050409
N1-050389	7.3	MESSAGE to multiple recipients	Lucent Technologies	24.247	2	2	IMS2	6.0.1	Rel-6	F	CR	revised to N1-050412
N1-050390	7.4.2	Alignment between TS 22.340 and on TS 24.247 for "is composing"	LM Ericsson	24.247	7	2	IMS2	6.0.1	Rel-6	F	CR	AGREED
N1-050391	7.4.2	Clarifications to TS 24.247 subclause 9.3	LM Ericsson	24.247	9	2	IMS2	6.0.1	Rel-6	F	CR	AGREED
N1-050392	4	New IMS Application WID for --- features	Lucent Technologies								WID	revised to N1-050420
N1-050393	7.4.3	Clarification of procedures for IMS provisioning parameters	RIM	24.167			IMS2	1.0.0	Rel-6	B	CR to draft	AGREED

N1-050394	7.4.3	Corrections to subclause 5.5 in TS 24.229	LM Ericsson	24.229	818	2	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050414
N1-050395	7.4.3	Press and im URIs in incoming requests	Nokia	24.229	851	2	IMS2	6.5.1	Rel-6	C	CR	AGREED
N1-050396	7.8	Management Based Activation Impacts	Ericsson	29.018	43	2	OEM - Trace	6.1.0	Rel-6	B	CR	AGREED
N1-050397	4	CN1 ToR	Chairman								DISC	AGREED
N1-050398	7.8	Transparent data call request in dual mode case	Nokia	24.008	930	4	TEI-6	6.7.0	Rel-6	C	CR	POSTPONED to next meeting
N1-050399	6.2	Default handling associated with the trigger at the S-CSCF	Orange	24.229	801	2	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050418
N1-050400	6.2	Default handling associated with the trigger for third party registration	Orange	24.229	803	2	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050419
N1-050401	6.2	Checking Request-URI for terminating requests at the S-CSCF	Orange	24.229	807	2	IMS-CCR	5.11.1	Rel-5	F	CR	AGREED
N1-050402	6.2	Checking Request-URI for terminating requests at the S-CSCF	Orange	24.229	808	2	IMS-CCR	6.5.1	Rel-6	A	CR	AGREED
N1-050403	7.1	Early IMS Security Corrections and Clarifications to TR 33.878	Vodafone	33.878				1.0.0	6		DISC	AGREED
N1-050404	7.8	Provision of MS specific UTRAN capabilities for the PS handover from GERAN to UTRAN	Siemens, Infineon Technologies	24.008	950	2	SCSA GB	6.7.0	Rel-6	B	CR	AGREED
N1-050405	7.8	Modification of MS Behaviour under GPRS Attach with Reject Cause #14	RIM	24.008	957	2	TEI6	6.7.0	Rel-6	C	CR	AGREED
N1-050406	9	Reply LS (to G2-0402911) on the PS Handover Work	CN1								LS OUT	AGREED
N1-050407	9	Reply LS (to R2-042734 and S2-050488) on NAS signalling load at MBMS Session Start/Stop	CN1								LS OUT	AGREED
N1-050408	9	LS to SA3 with comments and proposed changes to TR 33.878	CN1								LS OUT	AGREED
N1-050409	9	LS to OMA on Clarification of procedures for IMS provisioning parameters (related to N1-050386)	CN1								LS OUT	revised to N1-050416
N1-050410	9	LS on service based inter-system hand over	CN1								LS OUT	AGREED

N1-050411	7.3	Introduction of MBMS support indication to the UE	NTT DoCoMo, NEC	24.008	938	2	MBMS	6.7.0	Rel-6	F	CR	POSTPONED to next meeting
N1-050412	7.3	MESSAGE to multiple recipients	Lucent Technologies	24.247	2	3	IMS2	6.0.1	Rel-6	F	CR	AGREED
N1-050413	7.4.3	Correction to the Registration procedure	HUAWEI	24.229	846	2	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050414	7.4.3	Corrections to subclause 5.5 in TS 24.229	LM Ericsson	24.229	818	3	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050415	9	Reply LS on LS on protocol aspects for CSI	CN1								LS OUT	AGREED
N1-050416	9	LS on status of 3GPP IMS management object	CN1								LS OUT	AGREED
N1-050417	7.8	Addition of domain specific access control	NTT DoCoMo	24.008	939	3	ACBOP	6.7.0	Rel-6	F	CR	AGREED
N1-050418	6.2	Default handling associated with the trigger at the S-CSCF	Orange	24.229	801	3	IMS2	6.5.1	Rel-6	F	CR	AGREED
N1-050419	6.2	Default handling associated with the trigger for third party registration	Orange	24.229	803	3	IMS2	6.5.1	Rel-6	F	CR	revised to N1-050421
N1-050420	4	New IMS Application WID for Missing Features	Lucent Technologies								WID	AGREED
N1-050421	6.2	Default handling associated with the trigger for third party registration	Orange	24.229	803	4	IMS2	6.5.1	Rel-6	F	CR	AGREED

Annex D Agreed CRs to CN1 draft specifications

TDoc #	Tdoc Title	Spec	CR #	Rev	CAT	C_Version	WI	Rel	Type	Status
N1-050330	Cleanups to 3GPP IMS management object	24.167			F	1.0.0	IMS2	Rel-6	CR	AGREED
N1-050393	Clarification of procedures for IMS provisioning parameters	24.167			B	1.0.0	IMS2	Rel-6	CR	AGREED