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Meeting Report

TSG CN WG1# 32
Bangkok, Thailand
27th - 31st October 2003

Chairman: Hannu Hietalahti (Nokia)

Secretary: Per Johan Jorgensen (ETSI/MCC)

Host: Japanese friends of 3GPP

Joint meeting report(s)	Annex A
List of participants:	Annex B
Agreed CRs	Annex C
Tdoc list (incl. the status)	Annex D
Liaison Statements Out	Annex E
Ageed Work Items	Annex F
Agreed specifications (TS or TR)	Annex G
List of CRs to N1 drafts	Annex H

Documents can be found on the 3GPP-server:

http://www.3gpp.org/ftp/tsg_cn/WG1_mm-cc-sm/TSGN1_32/Docs/

Table of contents

1 Opening of the meeting. Calls for IPRs

The delegates were welcomed and informed on the logistics.

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 and Reports

N1-031337 : CN1 chairman, **Title**: Agenda Bangkok0310

Discussion : This will continue as a living document in the doc Bangkok0310.
Push to talk presentation by OMA has been agreed for Monday at 18:00 in Ballroom A.
It has been agreed with SA2 that they will treat SIP messaging related IMS phase 2 documents on Tuesday starting at 16:00 hours, and the interested CN1 delegates are invited to join the discussion while CN1 discusses non IMS issues.
It has been agreed with SA1 that they treat IMS emergency call requirements on Wednesday morning. SA2 and CN1 delegates are welcome to join that session.

Conclusion : Agreed

N1-031338 : MCC, **Title**: DRAFT MEETING REPORT, 3GPP TSG-CN#21

Discussion : For information, no questions nor comments.

Conclusion : Noted

N1-031339 : MCC, **Title**: Draft Report for TSG SA meeting #21

Discussion : For information, no questions nor comments.

Conclusion : Noted

3 Input Liaison Statements

N1-031401 : GP-032259, **To:** SA2, **Cc:** RAN2, CN1, SA1, **Type**: LS IN, **Title**: Reply LS on Network Sharing in GERAN

Discussion : Also GERAN stress the importance of supporting legacy terminals and indicating NMO independently for each sharing PLMN.

Conclusion: Noted

N1-031402 : GP-032260, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on <Order of frequency bands in MS Radio Access Capability IE>

Discussion : CN1 is asked to endorce a CR. The attached CRs are based on an old reference version, and a new revision is distributed as N1-031505.

Conclusion: Noted

N1-031403 : N4-031061, **To:** SA3, CN1, **Cc:** , **Type**: LS IN, **Title**: LS Response on Stage 3 level specification directions for support for subscriber certificate work item

Discussion : CN4 requests for more precise requirements from SA3 before proceeding further on subscriber certificates stage 3.

Conclusion: Noted

N1-031404 : N4-031063, **To:** SA2, **Cc:** CN1, **Type**: LS IN, **Title**: Reply LS on P-TMSI signature validation functionality in R99

Discussion : CN4 points out to SA2 that it is not an error if the UE provides P-TMSI signature to the new SGSN if the old SGSN has not stored it.

Conclusion: Noted

N1-031405 : BARG Doc 226/03, **To:** SA2, **Cc:** CN4, CN1, SA1, GSMA **Type**: LS IN, **Title**: Re: LS Response to "Inclusion of IMS Signalling Indicator in S-CDR"

Discussion : Both home and visited GGSN roaming scenarios are possible in IMS but the home GGSN case is the more likely one, since that's the typical basis of GPRS roaming today. This raises a question on charging of signaling PDP context in a roaming case, since the visited PLMN must do bearer based charging.

Conclusion: Noted

N1-031406 : NP-030440, **To:** GSMA IREG, **Cc:** CN1, CN4, **Type**: LS IN, **Title**: LS on DNS domains used in 3GPP TS 23.003

Discussion : 3GPP TSG CN asks GSMA IREG WG's opinion on the attached change request to 3GPP TS 23.003 which was forwarded back to the WG4 from TSGN #21. The CR deals with ".gprs" and "3gppnetwork.org" domains. N1-031600 is the reply to N1-031406 from CN#21.

Conclusion: Noted

N1-031407 : R2-031969, **To:** GERAN2, **Cc:** CN1, **Type**: LS IN, **Title**: LS on Call set-up delay reduction in GSM

Discussion : RAN2 to GERAN2 on inter-RAT HO optimization.

Conclusion: Noted

N1-031408 : R2-032046, **To:** SA2, SA1, **Cc:** GERAN, CN1, **Type**: LS IN, **Title**: Reply LS on further guidance for Network Sharing in Rel-6

Discussion : RAN2 ask about the dependency between network sharing and EPLMN and possible delays in PLMN selection. Both questions are in the area of service requirements.

Conclusion: Noted

N1-031409 : R2-032282, **To:** CN1, SA2, RAN3, **Cc:** , **Type**: LS IN, **Title**: Handling of MBMS UEs in RRC-connected, PMM-IDLE state

Discussion : RAN2 would kindly like to ask CN1 to consider what NAS signalling will be used by the UE when transiting to PMM-CONNECTED state on request of the UTRAN for MBMS counting purposes. The discussion started with a question on which of the two states the UE came from when transiting to PMM-CONNECTED state. Only talking about IDLE mode. Attach from PMM-DETACHED and service request when entering PMM-CONNECTED from PMM-IDLE could be used. Did RAN2 consider the case when the UE is already in PMM-CONNECTED and no service request is sent? What is the SA2 rection to this?

Conclusion: LS OUT byRichard/Samsung in N1-031606

N1-031410 : R3-031236, **To:** SA2, **Cc:** RAN2, CN1, **Type**: LS IN, **Title**: Response on "Work following the joint SA2/RAN2/CN1 meeting on paging"

Discussion : RAN3 ask for SA2 confirmation to proceed with changes to ensure CS domain paging while the UE is Iu PS connected.

Conclusion: Noted

N1-031411 : R3-031240, **To:** SA2, **Cc:** RAN2, CN1, **Type**: LS IN, **Title**: LS Response on a new question about RAN assumption

Discussion : Discussion between RAN3 and SA2 on MBMS procedures. No CN1 action.

Conclusion: Noted

N1-031412 : R3-031245, **To:** SA2, CN1, **Cc:** RAN2, **Type**: LS IN, **Title**: Nature of SIP Signalling

Discussion : Some companies in RAN3 are concerned that the varying nature of SIP signaling may require different RAB for different SIP signaling messages. It is not a matter of urgency for signalling setup. Response could be done via SA2, or from CN1 as the experts. At least a coordinated answer is needed. The signalling could also contain payload. It is difficult to distinguish any messages which would require higher priority within SIP signalling. But CN1 can not distinguish signals on message level nor on signalling PDP context.

Conclusion: LS OUT by Georg in N1-031607

N1-031413 : R3-031252, **To:** SA2, CN1, **Cc:** , **Type**: LS IN, **Title**: LS on identified NAS/AS issue for Shared networks in connected mode

Discussion : RAN3 asks for SA2 and CN1 help to solve the problem in rejecting a UE camping on a shared network cell and attempting to perform a LU to a forbidden LA. The UE needs explicit LU REJECT message from the network to continue with appropriate actions in case an LU based reject is needed. Commented that SA2 was in a better position to answer than CN1. Do CN1 has an opinion on which of the two proposals are best? Either way seems acceptable was the CN1 position. After some reevaluation it was stated that some hopping situation may occur and therefore a LS seemed appropriate. It is expected that SA2 answers this question to RAN3.

Conclusion: Postponed to the next CN1 meeting

N1-031414 : S4-030670, **To:** SA1, **Cc:** SA2, SA3, SA5, RAN2, RAN3, **Type**: LS IN, **Title**: LS on "Update of WID on MBMS"

Discussion : SA4 have updated their WID on MBMS.

Conclusion: Noted

N1-031415 : SP-030530, **To:** OMA REQ WG, OMA POC WG, **Cc:** SA1, **Type**: LS IN, **Title**: LS on principles for overlapping issues with OMA regarding PoC

Discussion : 3GPP TSGs asks OMA to consider the following points:

1. 3GPP understands that OMA will develop an application enabler for PoC based on IMS services.
2. OMA is requested to present its requirements for 3GPP to analyze which requirements are supportable within our release 6 plans and what work must be done to remedy any deficiencies.
3. 3GPP can most efficiently address the OMA requirements through the normal 3GPP workflow.
4. Work within 3GPP to address any enhancements required for PoC is expected to be driven by 3GPP member companies.
5. 3GPP TSG-CN should be the single point of contact with IETF in addressing PoC extensions to IETF protocols.
6. OMA is requested to give a presentation of preliminary PoC requirements, architecture, and timelines during the SA1, SA2, and the CN WG meetings.

Response from OMA seems available to some.

Conclusion: Noted

N1-031416 : T2-030516, **To:** SA2, **Cc:** CN1, SA3, **Type**: LS IN, **Title**: LS response to SA2 on UE Tunnelling

Discussion : T2 SWG2 group has reviewed the impact of Tunnelling on the UE and has currently identified no impact.

Conclusion: Noted

N1-031417 : GP-030569, **To:** CN1, **Cc:** RAN2, **Type**: LS IN, **Title**: LS on Call set-up delay reduction in GSM

Discussion : GERAN propose to add an indication of network support of INTER_RAT HANDOVER INFO to LOCATION UPDATE ACCEPT message. How many octets they would need in LU ACCEPT message is not indicated, but could be few bits that could be available in a late CR to this meeting. This new feature (on classmark) was expected to require change of all RNCs at the same time if the core network procedure is selected. If LU ACCEPT carries this indication of AN capabilities then the capabilities of all AN nodes in the LA to receive the new UTRAN CLASSMARK CHANGE must be the same. Can even reach neighbouring networks since it must last for the whole call. At least updated for the whole LA until the operator can switch on this service for Release 5 RNCs. The network will still support the old feature for inter RAT. If the UE has not performed LU, e.g. in case of emergency call with no (U)SIM, then it shall default on the old procedure. RRC procedures could have solved this if it was space in the protocol coding. If it is in CN procedures it would have additional drawbacks. The broadcasting would be more often done on RRC than CN procedures. Also combined procedures to be considered.

Conclusion: LS OUT by Duncan/Vodafone in N1-031608

N1-031418 : G2-030566, **To:** SA2, **Cc:** RAN2, CN1, **Type**: LS IN, **Title**: Reply to LS on Service Id needs in the Access

Discussion : GERAN 2 reply to SA2 on MBMS service ID needs in the access.

Conclusion: Noted

N1-031419 : GP-030565, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on < Addition of multiple TBF capability flag to MS RAC IE >

Discussion : CN1 is requested to endorse the attached CR. The CR has been distributed as N1-031504.

Conclusion: Noted

N1-031420 : S5-032644, **To:** CN1, CN4, **Cc:** , **Type**: LS IN, **Title**: LS Reply on "Trace Management"

Discussion : SA5 answers our earlier questions in N1-031313 on tracing and asks CN1 to confirm the assumption that IMEI and IMEISV are not available in P-CSCF and S-CSCF. No way of getting it over was found.

Conclusion: LS OUT by Gabor/Nokia in N1-031610

N1-031459 : S3-030616, **To:** CN1, CN4, **Cc:** , **Type**: LS IN, **Title**: Liaison statement on IMS AKA: UE populating RAND and AUTN parameters in responding to challenge

Discussion : SA3 say that the IMS AKA differs from 3G AKA in that the UE must include the RAND in its response. Therefore S-CSCF must store the RAND and include it to the failure message towards HSS in case of authentication failure. The RAND returned by the UE must not be used. It was suggested a late CR on this issue, but it was seen as Cx impact was needed additionally to the 24.229 CR and possibly to 24.228 as well. The UE response procedure to return the parameters are not in our specifications. N1-0301444 is the related CR with mirror in 1445.

Conclusion: Noted

N1-031460 : S3-030635, **To:** CN1, CN4, SA2, **Cc:** SA5, **Type**: LS IN, **Title**: LS Response on "new interface names"

Discussion : SA3 introduce the new interface names for subscriber certificates.

Conclusion: Noted

N1-031461 : S3-030649, **To:** SA2, **Cc:** CN1, **Type**: LS IN, **Title**: Introducing the Privacy Mechanism in Stage 2

Discussion : SA3 asks SA2 to comment on 33.203 CR on privacy extension. It was thought proper for CN1 to respond on this rather than SA2, to tie this up to privacy.

Conclusion: LS OUT by Keith/Lucent in N1-031611

N1-031462 : S3-030652, **To:** CN1, CN4, GERAN2, **Cc:** T2, **Type**: LS IN, **Title**: LS on Special-RAND mechanism

Discussion : It is being proposed that the applicability of ciphering key obtained during authentication could be restricted to certain algorithms only. Should Authentication Reject be returned when not correct algorithm is received? The UE shall not send anything in case not allowed ciphering algorithm is commanded by the network. Old legacy UEs should not react on the flag proposed. CN1 considered the proposed mechanism feasable. What should be the UE reaction in case of error, bar the cell, deactivate the PDP context, detach or what?

Conclusion: LS OUT by Robert/Siemens in N1-031612

N1-031463 : S3-030653, **To:** CN1, CN4, **Cc:** , **Type**: LS IN, **Title**: LS response to Stage 2 requirements for subscriber certificate work item

Discussion : SA3 summarises the CN1 requirements as follows:
Requirements on Ub interface (protocol A)

- The BSF shall be able to identify the UE.
- The BSF and the UE shall be able to authenticate each other based on AKA.
- The BSF shall be able to send a transaction identifer to UE.

Related to contributions 1572, 1587 and 1588. Initiating is described, but when is up to CN1 to define.

Conclusion: Noted

N1-031464 : S3-030654, **To:** SA1, SA2, CN1, **Cc:** , **Type**: LS IN, **Title**: The requirement and feasibility of IMS watcher authentication

Discussion : Is password a suitable mechanism for authenticating IMS watchers and of Non-IMS watchers? How to deliver password and the weaker security was issues raised. CN1 do not document password for IMS watchers, and IETF should be the one to state whatever for no-IMS watchers. Access to IMS is inherited, and the open issue is how to handle non-IMS watchers in IMS environment. Another issue raised was if it concered not trusted networks, even within IMS. One text will appear in the Presence specification and another for Conferencing, where it was opinioned as not needed from some delegates, as apposed to some other delegates that would not preclude this authentication. SA3 would have to consider any non-IMS protocols accessing IMS and this does not need to be standardised in CN1. For IMS watchers it was felt in CN1 that no further authentication was needed. What if P-Asserted identity was missing ? The P-Asserted identity can be lost also in the IMS if e.g. transferred between not trusted networks. Question to SA1: do the non-IMS watchers need to be authenticated at all, or are they allowed to access the presence information without being authenticated?

Conclusion: LS OUT by Gabor/Nokia in N1-031613

N1-031600 : PACKET Doc 098_03, **To:** CN, CN4, **Cc:** CN1, **Type**: LS IN, **Title**: Liaison Statement to 3GPP TSG CN WG4 on DNS top level domains

Discussion : GSMA would like to know whether the domain name ".3gppnetwork.org" is to be used only on the private inter-PLMN GPRS backbone or also in service requests from the public Internet. Both alternatives were studied but no strong advantages could be identified. Therefore GSMA IREG PACKET working party asks 3GPP groups to make the necessary changes to use only the ".gprs" domain name for all current and future services that require inter-PLMN only DNS resolution. N1-031600 replies to N1-031406 from CN #21. 3gppnetwork.org was recognized as beeing used only for terminals with SIM, and also CN1 should await the CN4 discussion since they are in charge of related TSs, they even are primary responsibel for 3GPP TS 23.003. This duplicated domain names use are already made in 3GPP specifications, and a CR is needed to reverse the understanding back to the earlier use of 3gppnetwork.org which is public. Therefore GSMA wishes to reverse the earlier IETF guidance from San Francisco 3GPP – IETF joint meeting. Some worries with a public lookup containg IMSI was raised and argued over. If security considerations were the issue then SA3 should be involved. If no CR is proposed a co-ordinated answer from CN1 and CN4 is needed. CN4 sends the reply since no CN1 issues were identified. It was decided in CN4 to keep “3ggpnetwork.org”.

Conclusion: Noted

N1-031601 : EM04td014r2, **To:** All ETSI TBs, relevant WGs, EPPs 3GPP SA, MESA SSG SA, **Cc:** 3GPP2, TIA TR 45, GSC, **Type**: LS IN, **Title**: Liaison Statement on EC Requirements on Emergency Telecommunications

Discussion : All groups are requested to study the emergency call location requirements, start the necessary work items and indicate their foreseen task to OGC EMTEL. This LS was considered to be more in the SA WGs domain, and until we get more detailed actions no CN1 response is given.

Conclusion: Noted

4 TSG CN WG1 Work Plan

N1-031340 : MCC, **Type**: REPORT, **Title**: CN1 specification responsibility list after plenary#21

Discussion :

Conclusion : Noted

N1-031341 : MCC, **Type**: WORKPLAN, **Title**: Latest workplan for review

Discussion : The CN1 agreements for changes to the workplan are shown in 1710.

(1653) 1315, 1646 Emergency calls; No change.

(32021) on IMS2,- 11036 Group managment no changes, (11037) 32038 Conferencing raised to 70%, 11039 Messaging raised to 25%, 11035 Local services no changes, (11040) 32042 Additional capabilities not covered by Rel-5 shifts from December to June 2004 and raised to 40%, 11041 Review additional SIP capabilities against IMS shall finnish with Rel-6 and is kept March 2004 for now and raised to 20%.

(13011) 11017 Mm interface has open issue on precondition and alignment with CN3, shifted now to June 2004 and raised to 2%.

11033 on Access independance goes to 95% and completion kept for December 2003.

2503 Presence unchanged.

11030 MBMS is kept March 2004 and raised to 50%. Meaning that the TR goes to TSG CN plenary in December.

11021 SES codec negotiation at SDP task has never been contributed to in CN1. Proposed deleted since CN1 is not aware of any work here, and if no contribution is received until March 2004 plenary (TSGN#23) it will then be deleted.

11042 WLAN IW raised to 50% and still expected for June 2004. Meaning that the TR goes to TSG CN plenary in December. Remembering the LS to SA1 on open issues.

11043 on Network Sharing delayed to June 2004, and with 2% completion due to WID availability.

Subscriber Certificates, where the WID is under CN4 leadership for the CN wide work.

Conclusion : Revised to 1710

N1-031710 : MCC, **Type**: WORKPLAN, **Title**: Latest workplan for review

Discussion :

Conclusion : Agreed

5 Joint sessions

5.1 None

6 Corrections to old releases

6.1 Rel-4 and older releases

N1-031494 : O2, **Type**: DISCUSSION , **Title**: Use of the Radio Access Technology (RAT) during background scanning

Discussion : 23.122 currently defines the need to consider the Access technology when selecting a PLMN. However, in the roaming case, when the terminal is in a VPLMN, a periodic scan is done in order for the mobile to identify if it needs to remain on the current PLMN or not . During this "background" scan procedure the specification is not clear on the usage of the Radio Access Technology (RAT). This document highlights the need to bring clarifications to 23.122 in order to stress that the RAT has to be considered during background scanning.

By using different PLMN IDs as already 'specified', the functionality requested can be solved. This was agreed but it had weakness by allocation of PLMN IDs by the authorities or other policies. The proposed feature is not new since the wording is used in the specification. This was not agreed since the new requirement is to stay on the RAT in that PLMN. All the radio specs etc. was requested to be analysed if 23.122 is changed as proposed. How to solve this tradeoff between possibility to prioritise different RATs and avoiding ping-pong at the edge of 3G coverage? If RAT is ignored at background scan then it is not possible to prioritise 3G access. If RAT is considered at background scan then the UE will change also to weak cell in background scan, only to reselect back to stronger cell of different RAT of the same PLMN. It was commented that the same roaming scenario could be implemented by means of EPLMN. The proposed feature is considered a new requirement, which is only true when comparing whether the found higher priority PLMN + RAT combination is another RAT of the serving PLMN before attempting to register to it. The usage of the RAT in background scan is already defined and even recommended in 23.122 subclause 4.4.3.1.1 case c). The above was seen by Motorola as being in conflict with the 22.011. It was indicated by the UE manufacturers that both interpretations have already been implemented and some R99 mobiles do take the RAT into account in background scan, while some others do not. EPLMN list contains only PLMN list, no RAT. A more dramatic proposal was made to abandon the usage of RAT not only in background scan but also in initial PLMN selection, both on the HPLMNAcT and on the PLMN selector lists. The justification is that it may take less time to do a full GSM scan than it takes to initialise the (U)SIM to extract the preferred RAT. This could be done as Rel-6 change which can be supported by mobiles in earlier releases. It was agreed that an operator with a single MNC for both 2G and 3G parts of their network loses the possibility to prioritse one RAT in different PLMNs if RAT is not taken into account in background scan. As counter argument to this it was stated that taking the other MNC in use does not impact HLR or (U)SIM. It was agreed that any change either way must be considered as Rel-6 change, possibly one that is allowed to be supported earlier.

Conclusion : Noted

N1-031495 : 23.122v3a0 **CR#**063, O2, **Type**: CR , **Title**: Clarification on the use of the RAT during background scanning

Discussion : Correction needed on ME action during background scanning to ensure consideration of the Radio Access Technology for PLMN selection. Mandate usage of RAT during background scanning.

Discussed together with 1467. The new bullet e) says that the UE remains in the serving VPLMN, but it does not say whether the UE changes RAT in the background scan or not? The hopping is said not to be eliminated due to this CR. The equivalent PLMN list do not provide the RAT, and the RPLMN does not use RAT. Many thought the use of RAT only slowed down the scan, but one view was that it could be usefull in the initial scan. 3 companies by raise of hands would prefer to use RAT as part of scaning, versus 4 - 5 hands that would like to delete the RAT use. If RAT is deleted it should be done for Rel-6 with the SA1 agreement on 22.011, and delete the testprocedures on RAT for earlier than Rel-6 terminals. It was also different opinions on how clear 22.011 was with respect to RAT. It was commented that deletion of RAT in initial selection had to be done with more reconsiderations. What is the solution for operators with one PLMN ID for two radio access technologies if RAT is not used for background scan? It was obvious that different manufacturers have different solutions with respect to RAT or not, and therefore a CR mandating an earlier optionality was not a solution. Another reason to scrap RAT more or less is that when the mobile is on a dedicated channel the

operator can take the full control of which RAT to stay on, which can be done by system broadcasting. However it was underscored that no desision on scraping RAT can be made, and that only discussing RAT during background scan was on the table for this meeting.

Conclusion : Postponed

N1-031496 : 23.122v440 **CR#**064, O2, **Type**: CR , **Title**: Clarification on the use of the RAT during background scanning

Discussion :

Conclusion : Postponed

N1-031497 : 23.122v530 **CR#**065, O2, **Type**: CR , **Title**: Clarification on the use of the RAT during background scanning

Discussion : Not presented, but revised to a Rel-6 CR with Category type F.

Conclusion : Revised to 1689

N1-031689 : 23.122v530 **CR#**065r1, O2, **Type**: CR , **Title**: Clarification on the use of the RAT during background scanning

Discussion : Rel-6 CR with Category type F.

Conclusion : Postponed

N1-031501 : 23.122v3a0 **CR#**066, Motorola, **Type**: CR , **Title**: Idle mode functions in RRC connected mode

Discussion :

Conclusion : Not treated due to time

N1-031509 : 23.009v480, **CR#**100, Ericsson, **Type**: CR , **Title**: Idle mode functions in RRC connected mode

Discussion : Due to a copy paste error, the Rel-4 category A CR 092 approved in NP-030041 at plenary #19 is not an exact mirror of its Rel99 category F CR 091. Changing BSSAP to RANAP. MCC to tick no impact on specs impacted, and the originator of the CR were requested to have the endorcement from CN4.

Conclusion : Agreed

N1-031510 : 23.009v560, **CR#**101, Ericsson, **Type**: CR , **Title**: Idle mode functions in RRC connected mode

Discussion : MCC to tick no impact on specs impacted, and the originator of the CR were requested to have the endorcement from CN4.

Conclusion : Agreed

N1-031517 : 04.65v820, **CR#**A076, Nokia, **Type**: CR , **Title**: PFI correction

Discussion : It is unclear how MS should behave, if it is in the cell that supports PFC and MS supports PFC operations, but the context doesn't get the valid PFI from the network. This can happen if the network doesn't give any PFI during the context activation or if the network gives PFI value, that is reserved (illegal).

The SNDCP layer only passes information and it was therefore proposed to change 04.60 instead, as 04.60 could define that a PFC exists if a valid PFI has been received by the MS. A new proposal was to have the change in 24.008, for implementers to get the information about the session, since here SM procedures for the UE to receive the PFI from the network is defined. Working assumption is 04.60.

Conclusion : Rejected

N1-031518 : 44.065v420, **CR#**009, Nokia, **Type**: CR , **Title**: PFI correction

Discussion :

Conclusion : Rejected

N1-031519 : 44.065v510, **CR#**010, Nokia, **Type**: CR , **Title**: PFI correction

Discussion :

Conclusion : Rejected

N1-031520 : 44.065v610, **CR#**011, Nokia, **Type**: CR , **Title**: PFI correction

Discussion :

Conclusion : Rejected

N1-031523 : 04.08v7.20.1, **CR#** A1143, Siemens, **Type**: CR , **Title**: Correction of MS network capability IE

Discussion : Wrong implementation of CR 04.08-A1047r1 (NP-000437, approved at TSG CN#9):
During implementation of the CR a spare bit got lost, with the result that the position of the <Extended GEA bits> in the MS Network Capability for R98 is different from the position for all other releases (R97, R99, Rel-4, ...). Since the network is not able to distinguish between R97 and R98 mobile stations this means that the Extended GEA bits cannot be decoded reliably by the network.

The problem only occurs in R98 and therefore no mirror CRs are needed. No reaction to an email has been received from manufacturers about their possible implementation problem on this.

Conclusion : Agreed

7 Release 5

7.1 Non-IMS Rel-5 corrections

N1-031506 : 24.008v590 **CR#**821, Siemens, **Type**: CR, **Title**: Correction to the Multislot Power Profile Classes

Discussion : With the 24.008 CR 814 r1 the Multislot Power Profile Classes were introduced in the CM3 and MS RAC IEs. In both IEs the inclusion of this fields was made optional. The output power reduction is a mandatory feature, thus every MS must indicate which power profile it support. Therefore it is not necessary to make the inclusion of these fields optional. If the fields are optional it would be necessary to define default values.

GERAN suggested this to be an optional fiel, but it was acceptable with a default coding.

Conclusion : Agreed

N1-031507 : 24.008v620 **CR#**822, Siemens, **Type**: CR, **Title**: Correction to the Multislot Power Profile Classes

Discussion :

Conclusion : Agreed

N1-031521 : 24.008v590 **CR#**824, Ericsson, **Type**: CR, **Title**: Handling of key sets at inter-system change

Discussion :

Conclusion : Withdrawn

N1-031522 : 24.008v620 **CR#**825, Ericsson, **Type**: CR, **Title**: Handling of key sets at inter-system change

Discussion :

Conclusion : Withdrawn

N1-031645 : 24.008v590 **CR#**828, Vodafone, **Type**: CR, **Title**: Addition of new IE for 'GSM call setup delay reduction'

Discussion : RAN2 have recently added – in Release 5 of the specifications a mechanism to reduce call setup delay. In order for the UE to understand whether or not the network supports the mechanism, the network shall indicate this to the UE in (G)MM messages. In order to complete the work that is already partly done, 24.008 shall be updated.

Related to the LS incoming in 1407. Some did not want to see this kind of radio related issues in 24.008. A large effort has earlier been done to make a clear seperation, and it was recomended that other solutions like LU/RAU within GERAN/RAN be sought. Good arguments were presented why GERAN and RAN has not found an own solution, and a LS back would mean something like the feature not being supported. Using the Radio Resource procedure is that it would increase the load by sending it more often. Use of container for radio aspects now and in the future in the LU/RAU would increase the messages, which must be reconsidered. Time requested to study this further.

Conclusion : Postponed

N1-031646 : 24.008v620 **CR#**829, Vodafone, **Type**: CR, **Title**: Addition of new IE for 'GSM call setup delay reduction'

Discussion :

Conclusion : Postponed

N1-031647 : 29.018v550 **CR#**040, Vodafone, **Type**: CR, **Title**: Addition of new IE for 'GSM call setup delay reduction'

Discussion :

Conclusion : Postponed

7.2 Draft specifications and other documents for information

N1-031342 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIPPING

Discussion : Is there anything new that should now become a dependency, or anything that is marked as a dependency that should no longer be a dependency? The reg-event draft has been approved, but has still not been published. The 3gpp-r5-requirements draft has still not completed the approval process. draft-ietf-sipping-connect-reuse-reqs-00.txt i a release 6 draft that has expired - do we need to worry about this?

Conclusion : Noted

N1-031343: Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIP

Discussion : Is there anything new that should now become a dependency, or anything that is marked as a dependency that should no longer be a dependency? Possible release 6 dependency draft-camarillo-sip-deaf-02.txt has exoired - believed this will be replaced with something else in transcoding (with wider scope). Any input on whether all these replacements should be dependencies. Release 6 dependency draft-schulzrinne-sip-bind-00.txt has expired - is this an issue?

Conclusion : Noted

N1-031344 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on MMUSIC

Discussion : Is there anything new that should now become a dependency, or anything that is marked as a dependency that should no longer be a dependency? In release 5 we are still waiting for approval of draft-ietf-mmusic-sdp-new-14.txt.

Conclusion : Noted

7.3 IMS Rel-5 Corrections “SECURITY”

N1-031388 : 24.229v560 **CR#**504, Orange, **Type**: CR, **Title**: Check that IMPU is registered

Discussion : The fact that P-CSCF shall verify that the IMPU used in the request is associated with a Security Association is added. On reception of an INVITE message from the served UE, the S-CSCF shall check if the IMPU used is registered.

Since other ways of dealing with the issue is available, it was thought that this CR was not needed. As an error handling it was almost agreed to have some text in the abnormal part.

Conclusion : Rejected

N1-031389 : 24.229v600 **CR#**505, Orange, **Type**: CR, **Title**: Check that IMPU is registered

Discussion :

Conclusion : Rejected

N1-031444 : 24.229v560 **CR#**523, 3, **Type**: CR, **Title**: Correct use of RAND during re-synchronisation failures

Discussion : At a re-synchronisation failure, the RAND sent to the HSS must be the one stored by the S-CSCF and not the RAND passed back to the newtork by the UE. This needs to be made explicit in the text. This change is in line with the request received in liaison statement from SA3 in S3-030616.

Related with incoming LS N1-031459. The wording between fetching and storing elsewhere in the text is not correct. When is it safe to delete it needs to be added. Link it to the related SA3 CR for the plenary to have it as a package.

Conclusion : Revised to 1614

N1-031614 : 24.229v560 **CR#**523r1, 3, **Type**: CR, **Title**: Correct use of RAND during re-synchronisation failures

Discussion : Terminate the new item 7 with semicolon, and what about the resynchronisation versus synchronisation failure regarding a complete story? Clarification needed with rewording. Storing issue and reserved word 'request'.

Conclusion : Revised to 1711

N1-031711 : 24.229v560 **CR#**523r2, 3, **Type**: CR, **Title**: Correct use of RAND during re-synchronisation failures

Discussion : The CR should be approved conditionally in TSGN on the condition that the corresponding S3 CR is approved in SA.

Conclusion : Agreed

N1-031445 : 24.229v600 **CR#**524, 3, **Type**: CR, **Title**: Correct use of RAND during re-synchronisation failures

Discussion : Related with incoming LS N1-031459

Conclusion : Revised to 1615

N1-031615 : 24.229v600 **CR#**524r1, 3, **Type**: CR, **Title**: Correct use of RAND during re-synchronisation failures

Discussion :

Conclusion : Revised to 1712

N1-031712 : 24.229v600 **CR#**524r2, 3, **Type**: CR, **Title**: Correct use of RAND during re-synchronisation failures

Discussion : The CR should be approved conditionally in TSGN on the condition that the corresponding S3 CR is approved in SA.

Conclusion : Agreed

N1-031446 : 24.228v560 **CR#**119, 3, **Type**: CR, **Title**: Correction to description or RES/XRES usage

Discussion : Implementation of CR#525 into the flows. Missing the borders around the tables.

Conclusion : Agreed

N1-031447 : 24.229v560 **CR#**525, 3, **Type**: CR, **Title**: Correction to description or RES/XRES usage

Discussion : The RES parameter is not sent in an authentication challenge response but is used to calculate the authentication repsonse (along with other parameters). The RES is used as the key for the process of generating the response as defined in RFC3310. RFC3310 states that this is so that the key used for generating the response is not sent in clear text and so avoiding a possible security risk. The CRs also align with the changes agreed by SA3 in S3-030601.

Editorials and use of passive sentence was identified. Not use 'ought' but 'shall'.

Conclusion : Revised to 1616

N1-0311616 : 24.229v560 **CR#**525r1, 3, **Type**: CR, **Title**: Correction to description or RES/XRES usage

Discussion :

Conclusion : Agreed

N1-031448 : 24.229v600 **CR#**526, 3, **Type**: CR, **Title**: Correction to description or RES/XRES usage

Discussion :

Conclusion : Revised to 1617

N1-031617 : 24.229v600 **CR#**526r1, 3, **Type**: CR, **Title**: Correction to description or RES/XRES usage

Discussion :

Conclusion : Agreed

N1-031485 : 24.229v560 **CR#**542, Siemens/Nokia, **Type**: CR, **Title**: Correction of user initiated re-registration

Discussion : During the CN1-SA3 workshop it was clarified that in order to have consistency in the procedures all REGISTER request sent by the UE shall contain a Secrutiy-Verify header.

Problem with initial. The removal of the header two times is due to each security associations. Editorials.

Conclusion : Revised to 1618

N1-031618 : 24.229v560 **CR#**542r1, Siemens/Nokia, **Type**: CR, **Title**: Correction of user initiated re-registration

Discussion :

Conclusion : Agreed

N1-031486 : 24.229v560 **CR#**543, Siemens/Nokia, **Type**: CR, **Title**: Correction of user initiated re-registration

Discussion :

Conclusion : Revised to 1619

N1-031619 : 24.229v560 **CR#**543r1, Siemens/Nokia, **Type**: CR, **Title**: Correction of user initiated re-registration

Discussion :

Conclusion : Agreed

N1-031487 : 24.228v560 **CR#**122, Siemens, **Type**: CR, **Title**: Correction of reregistration flow

Discussion : Implementation of CR#542.

Conclusion : Agreed

N1-031488 : 24.228v560 **CR#**123, Siemens, **Type**: CR, **Title**: Correction of flow in 6.9.3

Discussion : In case the S-CSCF receives a REGISTER request containing an RES that does not match XRES, then the S-CSCF shall send a 403 Forbidden response and regard the authentication to have failed. This is already described in 24.229. However in the current version of 24.228 the S-CSCF sends another challenge.

Copy/paste problem in the CR. making 6.9.3 doubled.

Conclusion : Revised to 1620

N1-031620 : 24.228v560 **CR#**123r1, Siemens, **Type**: CR, **Title**: Correction of flow in 6.9.3

Discussion :

Conclusion : Agreed

N1-031540 : Ericsson, **Type**: DISCUSSION, **Title**: Trust Domain in IMS

Discussion : This document discusses the concept of the Trust Domain in IMS for the purpose of handling the P-Asserted-Identity header. The proposal of this document is to investigate solutions for the IMS Trust Domain identification problem in Release 6. A solution based on DNS and the list of trusted networks seems feasible, although it requires the IMS nodes to get access to such list. So far there is no architectural solution to support this list of trusted networks accessible from an IMS node.

The trust is not transited, only the previous and/or next network. A hop by hop trust. In Rel-5 all IMS is trusted and if a CSCF does not pass on a secure connection the P-asserted identity is not sent. The reverse DNS lookup is therefore only half of the solution. Towards VPLMN it needs a roaming agreement to work.

Conclusion : Noted

N1-031541 : 24.229v560 **CR#**550, Ericsson, **Type**: CR, **Title**: IMS trust domain in Rel 5

Discussion : Release 5 is a closed network. Nodes need no take an action on the removal of the P-Asserted-Identity.

Third party providers is not part of Rel-5 as a consequense of the SA3 decisions on closed trusted network. The risk of the serious error without this correction was explained by possible misunderstanding to remove P-asserted-identity at the border between two networks which do trust each other. This possible misunderstanding was evident due to the recent discussions on the trust domain concept. It was expressed that in Rel-5, different operator's domains which have interconnect agreement is also within the trusted domain.

Conclusion : Revised to 1621

N1-031621 : 24.229v560 **CR#**550r1, Ericsson, **Type**: CR, **Title**: IMS trust domain in Rel 5

Discussion :

Conclusion : Agreed

N1-031542 : 24.229v600 **CR#**551, Ericsson, **Type**: CR, **Title**: IMS trust domain in Rel 6

Discussion : This CR provides the IMS nodes with the existence of a mechanism to identify whether the previous/next hop is part of the IMS domain or not. The exact detailed mechanism is left FFS pending of a similar discussion in SA2 and SA3.

Editors note could be transfered to a note. Same discussion more or less as for 1541, but his is not a mirror of N1-031541 since the mechanism is different between Rel-5 and Rel-6.

Conclusion : Revised to 1622

N1-031622 : 24.229v600 **CR#**551r1, Ericsson, **Type**: CR, **Title**: IMS trust domain in Rel 6

Discussion : Need to refer to a proper SA3 document for using their term?

Conclusion : Agreed

N1-031547 : 24.229v560 **CR#**555, Nokia, **Type**: CR, **Title**: P-CSCF and UE handling of Security Associationstime

Discussion : The description of handling of Security Associations in 24.229 is not completely in-line with the procedures described in 33.203.

Various editorials and rewordings and referencing. Package or not due to some value definition, delayed by a plenary? Authentication failure should be included. Bullet 3 becomes bullet one since temporary SAs are to be deleted first. Bullet 6 applies if you are challenged, so a condition to temporary SAs existence is introduced. Mention what happens to 403. Could indicate on the cover which SA3 CR triggered this CR.

Conclusion : Revised to 1623

N1-031623 : 24.229v560 **CR#**555r1, Nokia, **Type**: CR, **Title**: P-CSCF and UE handling of Security Associationstime

Discussion :

Conclusion : Agreed

N1-031548 : 24.229v600 **CR#**556, Nokia, **Type**: CR, **Title**: P-CSCF and UE handling of Security Associationstime

Discussion :

Conclusion : Revised to 1624

N1-031624 : 24.229v600 **CR#**556r1, Nokia, **Type**: CR, **Title**: P-CSCF and UE handling of Security Associationstime

Discussion :

Conclusion : Agreed

N1-031579 : 24.229v560 **CR#**565, Nokia, **Type**: CR, **Title**: Sending challenge

Discussion : It has been removed the condition on when to send a challenge to the user. A challenge will always be sent once an unprotected REGISTER is received.

Conclusion : Agreed

N1-031580 : 24.229v600 **CR#**566, Nokia, **Type**: CR, **Title**: Sending challenge

Discussion :

Conclusion : Agreed

N1-031581 : 24.229v560 **CR#**567, Nokia, **Type**: CR, **Title**: Reg-await-auth timer value

Discussion : Reg-await-auth timer was till recently thought to be an S-CSCF internal timer, with a configurable value. The P-CSCF sets up the lifetime of the temporary SAs in such a way that the UE will have time to send the response to the challenge. The worst case is, that the second REGISTER carrying the response to the challenge gets lost, and will be retransmitted few times by the UE in case is does not get any final response. Therefore, from P-CSCF perspective the UE has a certain amount of time to respond to the challenge, otherwise the SAs will be deleted. From S-CSCF perspective, the UE has a time of reg-await-auth to respond to the challenge, after that the S-SCCF does not accept the response. It is obvious, that the two timers shall be the same, and their value should be equal to the value of Timer F defined in RFC3261. According to RFC3261, a transaction shall be aborted if there is no response to the request for a time Timer F (non-INVITE transaction timeout timer), which has a value of 64*T1.

The timers should have equal value, and since it is said to be recommended value a real value needs to be defined. A delay for the transaction and processing needs to be added in S-CSCF compared to the UE. The CR# is missing. Convert it to a table now.

Conclusion : Revised to 1625

N1-031625 : 24.229v560 **CR#**567r1, Nokia, **Type**: CR, **Title**: Reg-await-auth timer value

Discussion : Same text as going into the table. The CR number is still missing. It should be 567r1.

Conclusion : Revised to 1715

N1-031715 : 24.229v560 **CR#**567r2, Nokia, **Type**: CR, **Title**: Reg-await-auth timer value

Discussion :

Conclusion : Agreed

N1-031582 : 24.229v600 **CR#**568, Nokia, **Type**: CR, **Title**: Reg-await-auth timer value

Discussion :

Conclusion : Revised to 1626

N1-031626 : 24.229v600 **CR#**568r1, Nokia, **Type**: CR, **Title**: Reg-await-auth timer value

Discussion : Not available.

Conclusion : Revised to 1716

N1-031716 : 24.229v600 **CR#**568r2, Nokia, **Type**: CR, **Title**: Reg-await-auth timer value

Discussion :

Conclusion : Agreed

7.4 IMS Rel-5 Corrections "OTHERS"

N1-031345 : 24.229v560 **CR#**484r1, Lucent T., **Type**: CR, **Title**: Registration amendments in profile

Discussion : Table A.4 (Major capabilities for the UA) currently defines the client behaviour for registration (item A.4/1) as mandatory under the RFC status column. Since this value was set, there have been some major changes prior to the publication of RFC 3261, and it would now be a better representation of RFC 3261 to represent this as optional (o). Table A.5 (Supported methods for the UA) currently has entries for the REGISTER method in the RFC status column which are incorrect given that a registrar is a UA, and can therefore receive REGISTER requests and send REGISTER responses. The profile status column is currently empty and these need to be specified in 3GPP. More specifically these entries should be related back to the major capabilities defined in Table A.4. It is believed that the proxy entries (no capabilities defined in table A.162, and the status of mandatory to send and receive in table A.163) are correct, and no change is required in this area.

Where is the fasmo in this CR. A question of frequent ....misoperation is raised, resulting in only accepting this for Rel-6. The annex correction is mandatory normative. AS could register to the network, so indicating 'UE only' was wanted. All small changes or editorials from this and other CRs could be gathered in one CR. For Rel-5 this change was thought better incorporated into a CR with essential correction,- together with many other 'small' changes.

Conclusion : Rejected

N1-031346 : 24.229v600 **CR#**487, Lucent T., **Type**: CR, **Title**: Registration amendments in profile

Discussion : Some corrections were pointed out by the author. This CR will start deviating Rel-6 and Rel-5 text on same paragraphs.

Conclusion : Revised to 1627

N1-031627 : 24.229v600 **CR#**487r1, Lucent T., **Type**: CR, **Title**: Registration amendments in profile

Discussion : Indicate IMS2, to be done from MCC/Per.

Conclusion : Agreed

N1-031347 : Lucent T., **Type**: DISCUSSION, **Title**: Discussion on the use of privacy in release 5 IM CN subsystem

Discussion : At a previous meeting there was a significant discussion of which elements of RFC 3323 "A Privacy Mechanism for the Session Initiation Protocol (SIP)" were included in the intent of 3GPP TS 24.229 release 5. This document provides some background to out understanding.

Session privacy requires new architecture and is probably not possible for Rel-6. Until anything else is contributed, it means that Rel-5 is copied to Rel-6. It was debated if e.g. 'user' could be provided in Rel-6, proprietary or not.

Conclusion : Noted

N1-031348 : 24.229v560 **CR#**367r3, Lucent T., **Type**: CR, **Title**: Completion of major capabilities table in respect of privacy

Discussion : At a previous meeting, some portions of N1-030018 had to be removed in order to obtain agreement of the remainder of document. This left the privacy entries in the major capabilities table for the UA role with missing entries. This CR attempts to complete those entries. A companion discussion document provides background material on the

reason for the contents chosen. Additionally, a number of entries in table A.162 that had been previously agreed were deleted by mistake at the last meeting. These entries (A.162/31A, A.162/31B, A.162/31C, A.162/31D) are reinserted.

Could we have a conditional option? x means prohibited, and could be an alternative to n/a.

Conclusion : Revised to 1628

N1-031628 : 24.229v560 **CR#**367r4, Lucent T., **Type**: CR, **Title**: Completion of major capabilities table in respect of privacy

Discussion :

Conclusion : Not available

N1-031349 : 24.229v600 **CR#**488, Lucent T., **Type**: CR, **Title**: Completion of major capabilities table in respect of privacy

Discussion : The category becomes C since it is no longer a mirror

Conclusion : Revised to 1629

N1-031629 : 24.229v600 **CR#**488r1, Lucent T., **Type**: CR, **Title**: Completion of major capabilities table in respect of privacy

Discussion : The category is C since it is no longer a mirror.

Conclusion : Not available

N1-031350 : 24.229v560 **CR#**420r2, Lucent T., **Type**: CR, **Title**: Privacy considerations for the UE

Discussion : Addition of notes referencing RFC 3323 considerations. Additionally, in subclause 5.1.2A.1, last paragraph, the term "protected port" is used. It is believed that here what is meant is the defined term "protected server port" and therefore that term is substituted.

Not acceptable for frozen Rel-5. Also candidate for a transfer to a CR where essential correction is agreed?

Conclusion : Rejected

N1-031351 : 24.229v600 **CR#**489, Lucent T., **Type**: CR, **Title**: Privacy considerations for the UE

Discussion : The category is changed from A to F, and the WI from IMS-CCR to IMS2 since the Rel-5 CR was rejected due to not being an essential correction.

Conclusion : Agreed

N1-031352 : 24.229v560 **CR#**432r2, Lucent T., **Type**: CR, **Title**: Charging references in 4.1

Discussion : There are additional procedures that have impact on the SIP procedures that are not currently referenced within this clause 4.1 of the document. These are in 3GPP TS 32.225. This contains information about the storage of SIP information for charging purposes that may or may not be contained in the remainder of the document.

Not acceptable for frozen Rel-5 or not considering the requirement to go to 32.225.

Conclusion : Rejected

N1-031353 : 24.229v600 **CR#**490, Lucent T., **Type**: CR, **Title**: Charging references in 4.1

Discussion : 33.200 and 33.225 may be reorganised for Rel-6, and may be revisited when dealing with a related CR. Is the last change a note or not?

Conclusion : Rejected

N1-031354 : 24.229v560 **CR#**435r2, Lucent T., **Type**: CR, **Title**: Compression procedure tidyup

Discussion : Subclause 5.7.5.4. There is a requirement here written in the passive sense which would be clearer written in the active sense.

Conclusion : Withdrawn

N1-031355 : 24.229v600 **CR#**491, Lucent T., **Type**: CR, **Title**: Compression procedure tidyup

Discussion :

Conclusion : Withdrawn

N1-031356 : 24.229v560 **CR#**433r2, Lucent T., **Type**: CR, **Title**: MGCF procedure tidyup

Discussion :

Conclusion : Withdrawn

N1-031357 : 24.229v600 **CR#**492, Lucent T., **Type**: CR, **Title**: MGCF procedure tidyup

Discussion :

Conclusion : Withdrawn

N1-031358 : 24.229v560 **CR#**485r1, Lucent T., **Type**: CR, **Title**: INVITE dialog amendments in profile

Discussion : Table A.5 is modified to refer the entries for INVITE, ACK and BYE back to corresponding entries in table A.4 by the use of new conditionals. As a result, the editor's note in table A.5 is also removed. Table A.5 is modified to make support of the CANCEL method mandatory. Table A.163 is modified to make support of all methods associated with an INVITE dialog mandatory. Table A.163 is modified to make support of the CANCEL method mandatory.

Conclusion : Agreed

N1-031359 : 24.229v600 **CR#**493, Lucent T., **Type**: CR, **Title**: INVITE dialog amendments in profile

Discussion :

Conclusion : Agreed

N1-031360 : 23.218v560 **CR#**053r2, Lucent T., **Type**: CR, **Title**: Flow number corrections in Annex B

Discussion : The CR replaces the flow numbers in the text in accordance with the appropriate numbers to the steps in the figures. The numbers were probably in a draft version with automatic numbering.

Conclusion : Revised to 1630

N1-031630 : 23.218v560 **CR#**053r3, Lucent T., **Type**: CR, **Title**: Flow number corrections in Annex B

Discussion :

Conclusion : Agreed

N1-031361 : 23.218v560 **CR#**054r2, Lucent T., **Type**: CR, **Title**: Minor terminology corrections

Discussion : In subclause 6.9.2.3, "application" is changed to "application server". In subclause 7.2.2, "user profile" is changed to "user profile information" in this instance. The changes are merged into 1630.

Conclusion : Rejected

N1-031376 : 24.229v560 **CR#**495, Lucent T., **Type**: CR, **Title**: P-Asserted-Identity in SUBSCRIBE requests

Discussion : During CN1#31 a CR was agreed (CR470r1, N1-031314, NP-030414) which specified the inclusion of the P-Asserted-Identity header in SUBSCRIBE requests from the AS to the S-CSCF. The text specifies that the SIP URI of the AS should be included, but then goes on to say that this SIP URI should be the one that appears in the subscriber profile. This latter statement is a configuration issue for the AS, and not something that can be required in the protocol. It is therefore believed that this statement should be informative (i.e. a note) rather than normative. It is also hoped that the restructuring makes the meaning of the contents clearer.

Rewording to improve the readability of the intention.

Conclusion : Revised to 1631

N1-031631 : 24.229v560 **CR#**495r1, Lucent T., **Type**: CR, **Title**: P-Asserted-Identity in SUBSCRIBE requests

Discussion :

Conclusion : Agreed

N1-031377 : 24.229v600 **CR#**496, Lucent T., **Type**: CR, **Title**: P-Asserted-Identity in SUBSCRIBE requests

Discussion :

Conclusion : Revised to 1632

N1-031632 : 24.229v600 **CR#**496r1, Lucent T., **Type**: CR, **Title**: P-Asserted-Identity in SUBSCRIBE requests

Discussion :

Conclusion : Agreed

N1-031379 : 24.229v560 **CR#**498, Lucent T., **Type**: CR, **Title**: P-CSCF integrity protection

Discussion : At CN1#31 we agreed a CR (CR444R2, N1-0313218, NP-030412) that was technically corrected. This CR however made a change to clause 5.2.1 (P-CSCF general) when it should have been made to the clause that applied to all requests other than registration (subclause 5.2.6). This CR therefore moves the text to that subclause. This change was requested in the discussion, as recorded in the meeting report, but only happened for the UE procedures.

Wants to remove the rejection procedure, which was argued as not a correct moving of text. When discussing the CR it was found out that also the initial text was incorrect. Should be the responsibility of the UE to populate the port number. The P-CSCF just sends the reply to the port indicated by the UE. If the UE by mistake indicates an unprotected port in the request, then the P-CSCF has to discard the message since it is not allowed to send to unprotected port. For UDP the lower layer will handle an error accordingly when e.g. receiving port numbers without established security association. No actions are done on the SIP level. Offline rewordings needed.

Conclusion : Revised to 1633

N1-031633 : 24.229v560 **CR#**498r1, Lucent T., **Type**: CR, **Title**: P-CSCF integrity protection

Discussion : The word 'otherwise' needs to be clarified. Use 'protected server port of the UE'.

Conclusion : Revised to 1717

N1-031717 : 24.229v560 **CR#**498r2, Lucent T., **Type**: CR, **Title**: P-CSCF integrity protection

Discussion : Not available.

Conclusion : Withdrawn

N1-031380 : 24.229v600 **CR#**499, Lucent T., **Type**: CR, **Title**: P-CSCF integrity protection

Discussion :

Conclusion : Revised to 1634

N1-031634 : 24.229v600 **CR#**499r1, Lucent T., **Type**: CR, **Title**: P-CSCF integrity protection

Discussion :

Conclusion : Revised to 1718

N1-031718 : 24.229v600 **CR#**499r2, Lucent T., **Type**: CR, **Title**: P-CSCF integrity protection

Discussion : Not available.

Conclusion : Withdrawn

N1-031384 : 24.229v560 **CR#**500, Orange, **Type**: CR, **Title**: Definition of 'c=' line in SDP

Discussion : As a 3GPP UE can have several IP addresses simultaneously (due to several activated PDP contexts), it is necessary to define which IP address has to be indicated as connection information in SDP. Reference to RFC3264 (offer/answer model) is missing.

Media is independant of security associations, but the IP addresses should be set correctly when e.g. having multipel APNs. One APN for signalling and media. Multipel APN needs for GPRS the mechanism of Secondary PDP Context Activation where no IP address allocation is made. The CR's restriction was not seen necessary.

Conclusion : Rejected

N1-031385 : 24.229v600 **CR#**501, Orange, **Type**: CR, **Title**: Definition of 'c=' line in SDP

Discussion :

Conclusion : Rejected

N1-031386 : 24.229v560 **CR#**502, Orange, **Type**: CR, **Title**: Update of HSS information at deregistration

Discussion : It is added that when network initiated deregistration occurs, the S-CSCF shall deregister in the HSS the public user identity found in the To header field together with the implicitly registered public user identities. It is also clarified the Cx procedure to be used for this deregistration in the HSS.

The mentioning of Cx and the protocol reference was not seen apropriate as done. Using the word 'shall' here is wrong.

Conclusion : Revised to 1635

N1-031635 : 24.229v560 **CR#**502r1, Orange, **Type**: CR, **Title**: Update of HSS information at deregistration

Discussion : Missing plurial s. Can a BYE be sent without having the data? No, so the moving of text could solve this.

Conclusion : Revised to 1719

N1-031719 : 24.229v560 **CR#**502r2, Orange, **Type**: CR, **Title**: Update of HSS information at deregistration

Discussion : The new paragraph in 5.4.1.5 is moved to the end of the same subclause and a statement of the completion of the above procedures is added.

Conclusion : Agreed

N1-031387 : 24.229v600 **CR#**503, Orange, **Type**: CR, **Title**: Update of HSS information at deregistration

Discussion :

Conclusion : Revised to 1636

N1-031636 : 24.229v600 **CR#**503r1, Orange, **Type**: CR, **Title**: Update of HSS information at deregistration

Discussion :

Conclusion : Revised to 1720

N1-031720 : 24.229v600 **CR#**503r2, Orange, **Type**: CR, **Title**: Update of HSS information at deregistration

Discussion :

Conclusion : Agreed

N1-031391 : 24.229v560 **CR#**506, Lucent T., **Type**: CR, **Title**: Unavailable definitions

Discussion : In 3GPP TS 24.229 there are no definitions for USIM and ISIM, and no generic reference in the definitions clause to a specification that might include them (no text of the form "all definitions included in…"). As the concepts of USIM and ISIM are fundamental to the security of information held in the UE, and which is then used within SIP, it is important that these terms are defined in this specification. Such definition can be performed by reference, and it is proposed that this is the mechanism used. Additionally the term MRFP is used extensively throughout the document and this term would benefit from an appropriate referenced definition.

This was regarded as an editorial CR. Protected server/client port seems deleted from the definition section in 33.203.

Conclusion : Rejected

N1-031392 : 24.229v600 **CR#**507, Lucent T., **Type**: CR, **Title**: Unavailable definitions

Discussion : The category is changed from A to F, and the WI from IMS-CCR to IMS2 since the Rel-5 CR was rejected due to not being an essential correction.

Conclusion : Agreed

N1-031393 : 24.229v560 **CR#**508, Lucent T., **Type**: CR, **Title**: Reference corrections

Discussion : draft-ietf-sip-scvrtdisco has just been published as RFC 3608, and therefore the references clause requires revision to reflect a published document, rather than a document that is not published and which will shortly disappear from the IETF web site. There are no technical changes between the published version and the i-d, although the clause numbering has changed at some point (clause 6 is now clause 5).

IETF drafts have limited lifetime and therefore can not be referenced after the expiry. Therefore even the change of the reference is essential correction.

Conclusion : Agreed

N1-031394 : 24.229v600 **CR#**509, Lucent T., **Type**: CR, **Title**: Reference corrections

Discussion :

Conclusion : Agreed

N1-031432 : 24.229v560 **CR#**516, Lucent T., **Type**: CR, **Title**: Use of DNS SRV

Discussion : Subclause 4.2 uses the term "DNS SRV" without any further explanation of what this means. Without reference, this statement is meaningless.

The correction is correct but it is not a serious error and therefore not acceptable for frozen releases.

Conclusion : Rejected

N1-031433 : 24.229v600 **CR#**517, Lucent T., **Type**: CR, **Title**: Use of DNS SRV

Discussion : Other RFC references could also be made, and therefore the treshold for what needs to be referenced is not exceeded (also indirectly referenced).

Conclusion : Rejected

N1-031440 : 24.229v560 **CR#**520, Lucent T., **Type**: CR, **Title**: P-Charging-Vector header

Discussion : When the UE accesses IMS over diferent access network, a P-Charging-Vector header is populated. Instead of each access network having its own P-Charging-Vector syntax, a single P-Charging-Vector template is recommended.

Seen as access independance CR and therefore not found apropriate by some for Rel-5. This however was on the contrary seen needed for backward compatibility with Rel-5. What would alternate future access networks look like and require, therefore better leaving Rel-6 as for Rel-5 as for today. 1431 is an alternative CR. The proposal in 1440 is renaming and no changes done to the encoding, and some thought that such a renaming could be done later if necessary.

Conclusion : Rejected

N1-031441 : 24.229v600 **CR#**521, Lucent T., **Type**: CR, **Title**: P-Charging-Vector header

Discussion :

Conclusion : Rejected

N1-031455 : 24.229v560 **CR#**527, Orange, **Type**: CR, **Title**: Network check on Precondition

Discussion : It has been identified by CN3 in TR29.962 for Release 6 on interworking issues between 3GPP profile of SIP and non-3GPP usage of SIP that in the case a 3GPP UE establishes a session without using preconditions there are impacts on QoS handling and charging for the session. Consequently, the network should have a way in Release 5 to check that an INVITE sent or received by a 3GPP UE contains Preconditions.

Related CRs are 1456, 1538, 1539 and 1549. Rel-5 and Rel-6 needs to be discussed seperately, and a LS is planned for Rel-5 to SA2 to understand their intention. So Rel-6 documents are treated first (1456, 1539). All that is agreed in Rel-6

should now be readable for a Rel-5, and have either forward compatibility from Rel-5 network to Rel-6 UE or a Rel-6 UE to be backward compatible to Rel-5 network. A similar CR in 1642 for Rel-6 was not possible to be agreed in CN1 for Rel-5. One of the questions to SA2 in a LS could be if Rel-5 network can only accept precondition. Is it the Rel-5 network or Rel-5 UE for which the fallback must be allowed in Rel-5? Is it intended that Rel-5 UE can fall back to no preconditions in Rel-6 or that also the Rel-5 IMS network would be able to support INVITE with no preconditions?

Conclusion : Postponed and a LS by to SA2 in 1644

N1-031456 : 24.229v600 **CR#**528, Orange, **Type**: CR, **Title**: Network check on Precondition

Discussion : As decided by SA2, in release 6 a UE may not use precondition to initiate or accept a session. Consequently, the requirement on the network side to check presence of precondition has to be made optional.

Optional for the P-CSCF to check if the precondition is included. This CR does not come from the fallback mechanism described in 1539, and needs to be treated seperately. Require header is end to end and not intended for the P-CSCF. The operators wanted quality calls and the option to be kept. The CR is merged into 1642 to avoid overlapping text.

Conclusion : Rejected

N1-031457 : 24.228v560 **CR#**120, Orange, **Type**: CR, **Title**: 'Roaming' word and CS-O sessions

Discussion : In roaming situation, P-CSCF can be in the home network or in the visited network. In all examples of TS24.228, P-CSCF is in the visited network. It should be indicated that P-CSCF can also be in the home network to avoid confusion. Sections 17.3.2.1, 17.3.3.1 and 17.3.4.1 do not describe CS-Originating session as indicated. Also minor changes are made in those sections and to section 7.4.9.3.

Some rewordings were identified, like 'section' changes to 'subclause'. Essential correction since it is consensus.

Conclusion : Revised to 1638

N1-031638 : 24.228v560 **CR#**120r1, Orange, **Type**: CR, **Title**: 'Roaming' word and CS-O sessions

Discussion :

Conclusion : Agreed

N1-031458 : 24.228v560 **CR#**121, Orange, **Type**: CR, **Title**: Corrections regarding SDP handling

Discussion : The main objective of this CR is to align SDP check procedure with the decision made end of year 2002 that the change or removal of SDP parameters cannot be made by CSCF and that this is done using message 488 (Not Acceptable Here). The relevant changes were already made in section 7, but not in sections 10 and 17. Some minor corrections in SDP are done at the same time.

The case were found not very realistic, and flows from section 7 were suggested. Otherwise the CR reasoning as for 1457. SDP changes only affect the network. Some errors on parameters would then be solved.

Conclusion : Revised to 1639

N1-031639 : 24.228v560 **CR#**121r1, Orange, **Type**: CR, **Title**: Corrections regarding SDP handling

Discussion :

Conclusion : Agreed

N1-031470 : 24.229v560 **CR#**530, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : Not presented.

Conclusion : Revised to 1602

N1-031602 : 24.229v560 **CR#**530r1, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : The validity of the ICIDs for session unrelated cases are not clearly described and conditions for generation of ICIDs are not correct. At the last CN1#31 meeting, this CR was postponed until the more clear sentences could be described by rewording, resulting from the SA5 decision. Finally, SA5 resolved this issue and adopted option A (generate a new ICID both for session and session unrelated methods) for Rel-5 and Rel-6 at the last SA5#35bis

meeting. This CR is proposed to be aligned with 32.225 by making reference to 32.225 regardless of any option that will be adopted in the future.

Essential editorials were pointed out and question raised regarding the use of the word optionally here. Deletion of the optional ICID generation in 5.4.3.2. was reversed. Keep the option.

Conclusion : Revised to 1640

N1-031640 : 24.229v560 **CR#**530r2, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : CN1 asks TSGN plenary to approve this conditionally on the condition that SA5 CR against 32.225 (S5-034649) or a later revision of it is also approved.

Conclusion : Agreed

N1-031471 : 24.229v600 **CR#**531, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : Not presented.

Conclusion : Revised to 1603

N1-031603 : 24.229v600 **CR#**531r1, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : Same as for 1602, but with a different change of reference. Link to SA5 changes to common ICID.

Conclusion : Revised to 1641

N1-031641 : 24.229v600 **CR#**531r2, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : CN1 asks TSGN plenary to approve this conditionally on the condition that SA5 CR against 32.225 (S5-034649) or a later revision of it is also approved.

Conclusion : Agreed

N1-031472 : 24.229v560 **CR#**532, NEC, **Type**: CR, **Title**: Corrections on forking

Discussion : Forking is occurred not only for session related messages but also, session unrelated messages (SUBSCRIBE, MESSAGE, etc) according to RFC3261. Thus current note on forking should be moved to other subclauses. In B.2.2.5.2, the current text is not correct so that it leads to misimplementation.

Is the Notes acceptable as Rel-5 CR, i.e. informative? Moving of the note gives a different meaning.

Conclusion : Rejected

N1-031474 : 24.229v560 **CR#**534, NEC, **Type**: CR, **Title**: Corrections on IOI definition

Discussion : The current IOI definition is inconsistent with that stated in 32.225. In the current text, there is no requirement description for AS, MGCF or MRFC for handling ioi parameter. There is a case where the P-CSCF populates the orig-ioi or term-ioi parameter when P-CSCF is located in the visited network, but this is missing in the current description.

Was it not agreed that the P-CSCF do not include the ioi? Yes and changes are needed in this CR. It is also no I-CSCF involvment here. Statements as used in earlier text should be used when possible.

Conclusion : Revised to 1700

N1-031700 : 24.229v560 **CR#**534r1, NEC, **Type**: CR, **Title**: Corrections on IOI definition

Discussion : Several parts need to be removed.

Conclusion : Postponed

N1-031475 : 24.229v600 **CR#**535, NEC, **Type**: CR, **Title**: Corrections on IOI definition

Discussion :

Conclusion : Revised to 1701

N1-031701 : 24.229v600 **CR#**535r1, NEC, **Type**: CR, **Title**: Corrections on IOI definition

Discussion :

Conclusion : Postponed

N1-031476 : 24.229v560 **CR#**536, NEC, **Type**: CR, **Title**: Corrections on the indicator for originating/terminating case

Discussion : The basic use of indication for mobile originating/terminating case is missing, i.e. for the various supplementary services such as called party charge, calling party charge, AoC, free of charge, etc. AS is also using this indication for the various services, but it is currently missing.

The part in e.g. 5.2.6.2 was argued as not needed. The service requirement is out of scope and can not be made mandatory. The storing of information was not found acceptable.

Conclusion : Rejected

N1-031477 : 24.229v600 **CR#**537, NEC, **Type**: CR, **Title**: Corrections on the indicator for originating/terminating case

Discussion :

Conclusion : Rejected

N1-031478 : 24.229v560 **CR#**538, NEC, **Type**: CR, **Title**: Corrections on requests terminated by the S-CSCF

Discussion : Not presented.

Conclusion : Revised to 1604

N1-031604 : 24.229v560 **CR#**538r1, NEC, **Type**: CR, **Title**: Corrections on requests terminated by the S-CSCF

Discussion : The current subclause 5.4.3 says in that general treatment for all dialogs and standalone transactions excluding requests terminated by the S-CSCF. However, there is currently no place where all dialogs and standalone transactions for the requests terminated by the S-CSCF are described. In rel-5, it is assumed that the above specific procedure is only related to 5.4.2 (subscription and notification).

Only NOTIFY and SUBSCRIBE terminates in S-CSCF, and a confusion is made with terminating. CR not needed since the procedures are covered by RFC 3261.

Conclusion : Rejected

N1-031479 : 24.229v600 **CR#**539, NEC, **Type**: CR, **Title**: Corrections on requests terminated by the S-CSCF

Discussion : Not presented.

Conclusion : Revised to 1605

N1-031605 : 24.229v600 **CR#**539r1, NEC, **Type**: CR, **Title**: Corrections on requests terminated by the S-CSCF

Discussion :

Conclusion : Rejected

N1-031480 : 24.229v560 **CR#**540, NEC, **Type**: CR, **Title**: Corrections on Via header

Discussion : In 5.6.3, 5.6.4, it is clarified that the port number is stored in the "rport" parameter of the via header. It is also clarified that when sending the request or response to the UE, the procedure is done in accordance with RFC3581 as well as with RFC3261.

1439 is an alternative proposal. Some did not see the need for N1-031480 due to being out of scope with no requirement. It was informed that the proposed mechanism is an optional extension to SIP for use when firewalls and network address translators are used; these devices do not exist in release 5, and are still under study at release 6.

Conclusion : Rejected

N1-031481 : 24.229v600 **CR#**541, NEC, **Type**: CR, **Title**: Corrections on Via header

Discussion :

Conclusion : Rejected

N1-031499 : 24.229v560 **CR#**544, Orange, **Type**: CR, **Title**: SDP parameters necessary for charging

Discussion : In section 5.1.2.1.1 of TS32.225 (charging specification for IMS held by SA5), it is indicated that 'Upon reception of the final response [to session establishment], the P-CSCF and S-CSCF send an Accounting-Request with Accounting-Record-Type indicating START_RECORD to record start of a user session and start of a media component in the S-CSCF CDR'. MGCF and BGCF have the same behaviour for procedures with PSTN. Sections 5.2.4.31 to 5.2.4.34 of TS32.225 list the SDP parameters on which information has to be sent to the Charging Collection Function. However, the final 200 OK does not always contain SDP field. As a consequence, it is necessary for P-CSCF, S-CSCF, MGCF and BGCF to keep track of the SDP parameters of all sessions and to update those information each time they are changed.

Why is no procedures mentioned for I-CSCF but for BGCF? A similar CR has earlier (one year ago?) been rejected due to this not being specified in a SIP protocol. But the need to store SDP information for charging was not disagreed.

Conclusion : Rejected

N1-031500 : 24.229v600 **CR#**545, Orange, **Type**: CR, **Title**: SDP parameters necessary for charging

Discussion :

Conclusion : Rejected

N1-031511 : 23.218v560 **CR#**060, NEC, **Type**: CR, **Title**: Correction on the service key definition

Discussion : At CN1#30 meeting, service key definition is approved to change based on CR by Marconi Communications. However, at the last SA5#35 meeting, further corrections were agreed for service key usage for IMS. According to S5-034555, service key usage for IMS online charging is identified as wrong usage. Instead of the service key, service identifier shall be used for this purpose. Thus, 23.218 needs to be aligned with the latest 32.200.

Reason for change is charging, and seems not linked to the changes made. Related to earlier discussions on the topic it was not seen any need for this CR from several companies.

Conclusion : Rejected

N1-031512 : 23.218v560 **CR#**061, NEC, **Type**: CR, **Title**: Corrections on the charging procedure

Discussion : In 6.8, S-CSCF charging procedure is changed in accordance with the above reasons. In 9.4.5, the AS charging procedure is changed in accordance with the earlier discussed reasons.

Many of the earlier arguments seems valid here and some companies could not accept the proposed changes. The TS number on the cover page is incorrect and it should be 23.218.

Conclusion : Rejected

N1-031514 : 24.229v560 **CR#**546, NEC, **Type**: CR, **Title**: Corrections on P-Charging-Function adrress related procedure

Discussion : There is a case that when I-CSCF forwards an incoming request message, directly to AS, AS does not receive P-Charging-Function-Addresses header. In this case AS needs to retrieve the charging function address from HSS via Sh interface. In the same context, there is not clear description that when AS initiates a session, AS needs to retrieve the charging function address from HSS via Sh interface. In 5.2.9.1, 5.2.9.2, when re-INVITE is received, there is no clear requirement how to correlate the charging information for new bearer for media or for the modified bearer for media with the existing session. This will cause essential charging problem.

The case described can not happen in Rel-5 where PSI routing is used via S-CSCF. Some points are included in the text already, and the way of specifying should in any case be according to earlier ways of doing it.

Conclusion : Rejected

N1-031515 : 24.229v600 **CR#**547, NEC, **Type**: CR, **Title**: Corrections on P-Charging-Function adrress related procedure

Discussion : The issues need to be clarified elsewhere before discussed in CN1.

Conclusion : Postponed

N1-031538 : 24.229v560 **CR#**548, Ericsson, **Type**: CR, **Title**: Session initiation without preconditions procedure

Discussion : Related docs are 1538 and 1549. Decided to send LS N1-031644 to SA2 to ask the following:
- Is the corresponding Rel-6 CR N1-031642 applicable as such on Rel-5 also? This could not be agreed in this meeting.
- If not, then is it the Rel-5 network or the Rel-5 UE for which the fallback must be allowed in Rel-5?
- Is it intended that Rel-5 UE can fall back to no preconditions in Rel-6 or that also the Rel-5 IMS network would be able to support INVITE with no preconditions?

Conclusion : Postponed and a LS by Georg/Nokia to SA2 in 1644

N1-031539 : 24.229v600 **CR#**549, Ericsson, **Type**: CR, **Title**: Session initiation without preconditionsprocedure

Discussion : This CR alignes 3GPP TS 24.229 with a recently approved CR to 23.228 (CR 337, tdoc SP-030538) regarding the possibility to allow a UE, upon getting an indication that the remote terminal does not support the required capabilities (e.g., preconditions), to re-try the INVITE without requiring the support for unsupported extension.

The capability without precondition could be done mandatory. From an operator view this all felt nerving, as the many possibilities and criterias for e.g. opening the gate were not easily predicted. What to write for SDP parameters for a call on hold (active, inactive ..) was discussed. It was questioned if CN3 specification was impacted, and that a LS to them indicating also our work that opening of the gate may not only be limited to receiving 200(OK). Totally only two attempts should be permitted for the UE to do automatic call setup for a call. Does a new ICID need to be generated for the second INVITE? No was the first reaction, but the discussion ended with only doing the correct referencing.

Conclusion : Revised to 1642 and LS OUT by Miguel/Ericsson to CN3 in 1643

N1-031642 : 24.229v600 **CR#**549r1, Ericsson, **Type**: CR, **Title**: Session initiation without preconditions procedure

Discussion : The solution was not found sufficient and requested to be studied further.

Conclusion : Postponed

N1-031544 : 24.229v560 **CR#**553, Nortel, **Type**: CR, **Title**: Privacy to the P-Asserted-Idenity

Discussion : According to RFC 3325, if the calling party requests privacy then the P-Asserted-Identity header is removed by the last hop in the trusted network. In Rel-5 CSCFs are only able to communicate with SIP entities belogning to a trusted domain. The home network always assumes that the next hop is trused. Therefore it is the destination P-CSCF that removes the P-Asserted-Idenitity if the calling party requested privacy.

Not seen as a frequent and serious misoperation can occure since the new text is the same as the already existing requirements in RFC 3325.

Conclusion : Rejected

N1-031545 : 24.229v600 **CR#**554, Nortel, **Type**: CR, **Title**: Privacy to the P-Asserted-Idenity

Discussion :

Conclusion : Rejected

N1-031549 : 24.229v560 **CR#**557, Nokia, **Type**: CR, **Title**: Precondition Fallback

Discussion : Related docs are 1538 and 1549. Decided to send LS N1-031644 to SA2 to ask the following:
- Is the corresponding Rel-6 CR N1-031642 applicable as such on Rel-5 also? This could not be agreed in this meeting.
- If not, then is it the Rel-5 network or the Rel-5 UE for which the fallback must be allowed in Rel-5?
- Is it intended that Rel-5 UE can fall back to no preconditions in Rel-6 or that also the Rel-5 IMS network would be able to support INVITE with no preconditions?

Conclusion : Postponed and a LS by Georg/Nokia to SA2 in 1644

N1-031550 : Nokia, **Type**: DISCUSSION, **Title**: Discussion Paper: S-CSCF and P-CSCF re-selection

Discussion : 24.229 currently only describes a case of S-CSCF re-selection that works when no other dialogs are ongoing via the S-CSCF that does not respond. In this case, the I-CSCF can easily re-select a new S-CSCF. If the UE has already dialogs established, all these dialogs have to be dropped, in order to ensure correct network and UE

behaviour. This is due to the fact, that the S-CSCF (which went out-of-order) has record-routed to every dialog that was established from/to its user. This means further, that no requests or responses on these dialogs will ever reach the user or can be sent from the user, when this S-CSCF is out of order. 24.229 also does not state what happens, if not the I-CSCF (chapter 5.3) but the P-CSCF (chapter 5.2) gets aware of a S-CSCF being out of order. It must be said that in most of the cases the P-CSCF will detect that the S-CSCF is out of order, as the I-CSCF only handles REGISTER requests. Additionally also the procedures for P-CSCF re-selection need to be described for the case the P-CSCF goes out of order.

A robust system is intended and can be compared to handling in other similar protocol like in ISUP. Meaning that an alternativ could be to leave this for implementation dependant solutions. How can the last section time out before e.g. the first one. The UE timer is 4 times bigger than in the network. Some found that the charging aspects need to be discussed in SA5. If all UEs behave the way proposed simultaneously, the S-CSCF might crash or be overloaded. By doing the proposaed de-registration and re-registration when UE receives 504, it is also a risk of security implications that should be investigated.

Conclusion : Noted

N1-031551 : 24.229v560 **CR#**558, Nokia, **Type**: CR, **Title**: S-CSCF and P-CSCF re-selection

Discussion : Is the case discussed in 1550 valid as a Rel-5 essential correction? Not presented.

Conclusion : Revised to 1702

N1-031702 : 24.229v560 **CR#**558r1, Nokia, **Type**: CR, **Title**: S-CSCF and P-CSCF re-selection

Discussion : Is the case discussed in 1550 valid as a Rel-5 essential correction? Nothing new seems to be introduced with this CR since it is already allowed according to an I-D.

Conclusion : Postponed

N1-031552 : 24.229v600 **CR#**559, Nokia, **Type**: CR, **Title**: S-CSCF and P-CSCF re-selection

Discussion : Not presented.

Conclusion : Revised to 1703

N1-031703 : 24.229v600 **CR#**559r1, Nokia, **Type**: CR, **Title**: S-CSCF and P-CSCF re-selection

Discussion :

Conclusion : Postponed

N1-031573 : 24.229v600 **CR#**560, Nokia, **Type**: CR, **Title**: SDP offer handling in SIP responses in S-CSCF and P-CSCF

Discussion : SDP offer is allowed in SIP responses in Rel-6. Its handling is not described in the specification.

Does intercept mean modify? Yes. Sending 488 instead is a possibility. If modifying offer it should be allowed for both request and responses. It is for Rel-6, but the WI is for Rel-5 and needs to be changed to IMS2. Why not work with IETF for Rel-6 on contencious issue like this. The session policy draft does not give a solution to the problem due to interworking, and 3GPP needs a solution now. A try was requested to be made towards IETF.

Conclusion : Revised to 1704

N1-031704 : 24.229v600 **CR#**560r1, Nokia, **Type**: CR, **Title**: SDP offer handling in SIP responses in S-CSCF and P-CSCF

Discussion : Revision number should be 1

Conclusion : Revised to 1727

N1-031727 : 24.229v600 **CR#**560r2, Nokia, **Type**: CR, **Title**: SDP offer handling in SIP responses in S-CSCF and P-CSCF

Discussion :

Conclusion : Agreed

N1-031574 : 24.229v560 **CR#**561, Nokia, **Type**: CR, **Title**: Removal of RFC 3486

Discussion :

Conclusion : Posponed

N1-031575 : 24.229v600 **CR#**562, Nokia, **Type**: CR, **Title**: Removal of RFC 3486

Discussion :

Conclusion : Posponed

N1-031576 : 24.229v560 **CR#**563, Nokia, **Type**: CR, **Title**: SIP compression

Discussion : 8.1.1 mandates the use of compression, while 8.1.2 says that the usage of compression is strongly recommended. 8.2.1 says that the P-CSCF shall compress the message towards the UE if compression is enabled. Instead, messages shall be compressed if the UE registers its contact information by adding sig=sigcomp there.

No clear linking between the reason given and the changes made. Only the note does not qualify for a CR in Re-5. The UE must know if the network created a state or not, and normative text was proposed. Not an essential correction.

Conclusion : Rejected

N1-031577 : 24.229v600 **CR#**564, Nokia, **Type**: CR, **Title**: SIP compression

Discussion : At least the text needs to be clarified.

Conclusion : Revised to 1705

N1-031705 : 24.229v600 **CR#**564r1, Nokia, **Type**: CR, **Title**: SIP compression

Discussion :

Conclusion : Agreed

N1-031578 : Nokia, **Type**: DISCUSSION, **Title**: SigComp Message Multiplexing

Discussion : This contribution describes the problem of multiplexing compressed and uncompressed messages on the same TCP connection. It wraps up the IETF opinion and solution and analyzes the 3GPP case that brings in additional problems because of IPSec.

Some requests was made that this issue requires more time to look into, and that no harm is done to wait to reverse an earlier difficult agreed issue. This was not agreed since the originator needed a solution before the next CN1 meeting. An alternative may be a conference call with SA3 and CN1, and then a possible company contribution to the plenary. Gabor is the contact point on the conference, which should include Steven Hayes due to IETF dependencies.

Conclusion : Noted

N1-031585 : 24.229v560 **CR#**570, Nokia, **Type**: CR, **Title**: Network initiated deregistration

Discussion : In case the network would like the UE drop out from the network completely and send an initial REGISTER in order to get services from another S-CSCF (e.g. in case of S-CSCF maintanance), then the UE should be instructed to send an initial REGISTER if it wants to further use IMS services.

Could not the deactivated procedure be used during maintenance periods? No because deregistration is protected. Criteria is needed between the UE to try again and the case when it should not try for a while. The CR does not give a guidance to how the UE or user would behave anyway. Use deactivate or reject as defined.

Conclusion : Revised to 1706

N1-031706 : 24.229v560 **CR#**570r1, Nokia, **Type**: CR, **Title**: Network initiated deregistration

Discussion :

Conclusion : Agreed

N1-031586 : 24.229v600 **CR#**571, Nokia, **Type**: CR, **Title**: Network initiated deregistration

Discussion :

Conclusion : Revised to 1707

N1-031707 : 24.229v600 **CR#**571r1, Nokia, **Type**: CR, **Title**: Network initiated deregistration

Discussion :

Conclusion : Agreed

N1-031592 : 24.228v560 **CR#**124, Lucent T., **Type**: CR, **Title**: Corrections to the P-Access-Network-Info header (Part 1)

Discussion : Not presented.

Conclusion : Revised to 1708

N1-031708 : 24.228v560 **CR#**124r1, Lucent T., **Type**: CR, **Title**: Corrections to the P-Access-Network-Info header (Part 1)

Discussion :

Conclusion : Agreed

N1-031593 : Not allocated nor used by any document.

N1-031594 : 24.228v560 **CR#**125, Lucent T., **Type**: CR, **Title**: Corrections to the P-Access-Network-Info header (Part 2)

Discussion : Not presented.

N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications.

Conclusion : Revised to 1709

N1-031709 : 24.228v560 **CR#**125r1, Lucent T., **Type**: CR, **Title**: Corrections to the P-Access-Network-Info header (Part 2)

Discussion :

N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications.

Conclusion : Agreed

N1-031713 : 24.229v560 **CR#**576, Nokia, **Type**: CR, **Title**: UE procedures for S-CSCF and P-CSCF re-selection

Discussion :

Conclusion : Not available

N1-031714 : 24.229v560 **CR#**577, Nokia, **Type**: CR, **Title**: UE procedures for S-CSCF and P-CSCF re-selection

Discussion :

Conclusion : Not available

8 Release 6 work items

8.1 Draft IMS specifications and other documents for information

N1-031362 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIMPLE

Discussion :

Conclusion : Noted

N1-031363 : TR24.841v111 Lucent T., **Type**: TR, **Title**: Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"

Discussion : Replaced by a later version in 1364, and both for information to check out the changes..

Conclusion : Noted

N1-031364 : TR24.841v112 Lucent T., **Type**: TR, **Title**: Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"

Discussion : Is it appropriate to send it to the plenary for approval now? One view was yes due to completion state, but that due to freedom of own control it was proposed to be kept within CN1 until March 2004. Considering the new future IETF meeting is likely to make changes in presence area.

Conclusion : Noted

N1-031365 : TS24.141v010 Lucent T., **Type**: TS, **Title**: Draft 3GPP TS 24.141 "Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3"

Discussion :

Conclusion : Noted

N1-031367 : Lucent T., **Type**: INFORMATION, **Title**: Presence WID open issues list

Discussion :

Conclusion : Noted

N1-031369 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on XCON

Discussion :

Conclusion : Noted

N1-031553 : TR 29.847v100, Nokia, **Type**: TR, **Title**: TR 29.847 - Conferencing in IMS - version 1.0.0

Discussion :

Conclusion : Noted

N1-031554 : TS 24.147v010, Nokia, **Type**: TS, **Title**: TS 24.147 - Conferencing in IMS - version 0.1.0

Discussion :

Conclusion : Noted

N1-031555 : TS 24.247v010, Nokia, **Type**: TS, **Title**: TS 24.147 - Conferencing in IMS - version 0.1.0

Discussion :

Conclusion : Noted

8.2 Presence

N1-031366 : TS 24.141v010, Lucent T., **Type**: CR, **Title**: CR to 24.141: Editorial corrections to framework

Discussion : A number of editorial changes to the framework for 24.141, agreed in the last meeting, are proposed.

Conclusion : Agreed

N1-031368 : TR24.841v112, Lucent T., **Type**: CR, **Title**: Revisions resulting from issue of draft-ietf-sip-publish-00

Discussion : The publish draft has now been transferred to the IETF SIPPING group, and a new version issued as a result. It is therefore necessary to revise 24.841 in accordance with the provisions of this revised draft.

No need to do anything with the Authorization header.

Conclusion : Agreed

N1-031395 : TR24.841v112, Lucent T., **Type**: CR, **Title**: CR to 24.841: Editorial corrections

Discussion : A number of editorial changes to 24.841, are proposed.

Conclusion : Agreed

N1-031434 : TR24.841v112, Lucent T., **Type**: CR, **Title**: CR to 24.841: Definitions

Discussion : Certain terms were defined in 3GPP TS 24.229 that are reused extensively in 3GPP TR 24.841, and will therefore be reused extensively in 3GPP TS 24.141. It is proposed that these definition references should be copied across to 3GPP TR 24.841.

Proposal to not copy from 24.229 was not agreed.

Conclusion : Agreed

N1-031435 : TR24.841v112, Lucent T., **Type**: CR, **Title**: CR to 24.841: Inclusion of normative references to 3GPP TS 24.229

Discussion : At CN1#31 it was decided that substantial material in 24.841 would ultimately be placed in a new specification (24.141), rather than in 24.229. There is still a requirement that the functional entities supporting the presence service should implement 24.229, and therefore it is proposed that text should be included in 24.841 material that will ultimately be placed in 24.141 that provides such normative references.

Conclusion : Agreed

N1-031482 : TR24.841v112, NEC, **Type**: CR, **Title**: Proposed several changes in TR24.841

Discussion : Based on the companion CRs (N1-031471, N1-031475, N1-031515), several charging related changes are proposed in the flow of TR24.841.

The scenario on PSI was proposed not included now, and be evaluated if needed or not for both scenarios,- or make a textual description. Another proposal was to not mention PSI as it is not a routing case. Some unclarity with respect to consistencies of the new updated CR from SA5.

Conclusion : Revised to 1662

N1-031662 : TR24.841v112, NEC, **Type**: CR, **Title**: Proposed several changes in TR24.841

Discussion :

Conclusion : Agreed

N1-031492 : TR24.841v112, Siemens, **Type**: CR, **Title**: Correction of Profile Table for PUBLISH

Discussion : For Security-Client and Security-Verify the condition in the Profile Table for PUBLISH request is incorrectly set to A/30. It must be set to A/37 ' security mechanism agreement for the session initiation protocol'.

N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications. Errors detected, so only 5 second presentation was needed.

Conclusion : Revised to 1661

N1-031661 : TR24.841v112, Siemens, **Type**: CR, **Title**: Correction of Profile Table for PUBLISH

Discussion : N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications.

Conclusion : Agreed

N1-031590 : TR24.841v112, Lucent T., **Type**: CR, **Title**: CR to 24.841: Annex A corrections to the P-Access-Network-Info header

Discussion : A number of changes are proposed to Annex A of 24.841 to correct the usage of the P-Access-Network-Info header. One complete flow of P-Access-Network-Info headers is added for the NOTIFY response.

N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications. Should not look into every header but concentrate on the important ones for the service. This is the way due to consistency.

Conclusion : Revised to 1663

N1-031663 : TR24.841v112, Lucent T., **Type**: CR, **Title**: CR to 24.841: Annex A corrections to the P-Access-Network-Info header

Discussion : N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications. Offline discussions sorted out rules for which headers to include.

Conclusion : Agreed

8.3 MBMS (Multimedia Broadcast Multicast Services)

N1-031421 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS General update

Discussion : It is proposed to restructure some of the sections of the TR in order to facilitate easier addition of text for CN1 later on.

Hanging paragraphs needs to be eliminated. Clean up styles, e.g. EX, and 3GPP should be added in front of TS. The intention was to align for a possible merge to 24.008. Why not only use UE in this TR ? No objections and no conclusion since when transferred to 24.008 the term MS may be used as well. Or will MBMS only be applicable to UEs. The note in 5.3.1.3 was proposed deleted. Too many heading levels or acceptable ? No new proposal on this.

Conclusion : Revised to 1654

N1-031654 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS General update

Discussion :

Conclusion : Agreed

N1-031422 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS Session management

Discussion : In this contribution the general information of the MBMS session management is presented. The contribution moves text from the 5.1.2 sub clause to new sub clause in order to improve the readability and the structure of the TR.

Do we need to change the 'in UMTS only' to 'in UTRAN only' for Rel-6. Question on integrity protection reference and requirements. Only state that what is defined is also applicable to MBMS.

Conclusion : Revised to 1655

N1-031655 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS Session management

Discussion :

Conclusion : Agreed

N1-031423 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS Multicast Service Activation update

Discussion : In this contribution the MBMS Multicast Service Activation procedure and related aspects are updated according to the stage 2 on MBMS defined in 3GPP TS 23.246.

Editorial corrections needed. Clarifications asked on bullet 7, 9 and 13 which requires corrections.

Conclusion : Revised to 1656

N1-031656 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS Multicast Service Activation update

Discussion : Should not step 12 and 13 be possible before step 11 ?

Conclusion : Revised to 1726

N1-031726 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS Multicast Service Activation update

Discussion :

Conclusion : Agreed

N1-031424 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS Multicast Service Deactivation

Discussion : In this contribution the MBMS Multicast Service Deactivation procedure and related aspects are developed taken as baseline the concepts defined in SA2 in TS 23.246 related to this procedure.

Mistake regarding timer in step 4. IGMP is used according to the RFC. The timer and protocol discriminator must be unique for this protocol. Editorial corrections as in the other MBMS CRs. What about error cases were the UE can not send the IGMP leave message or the service center goes down. These cases e.g. whether the UE initiated MBMS context deactivation procedure would also be needed will be looked into and should be stated as a note reminder.

Conclusion : Revised to 1657

N1-031657 : TR 29.846v020, Ericsson, **Type**: CR, **Title**: TR 29.846: MBMS Multicast Service Deactivation

Discussion :

Conclusion : Agreed

N1-031449 : TR 29.846v020, 3, **Type**: CR, **Title**: Introduction of TMGI into MBMS TR

Discussion : Still under SA2 discussion.

Conclusion : Withdrawn

N1-031450 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Definitions and Abbreviations

Discussion : It is noted that reference [3] in TR29.846 lists the TR from SA2 as a reference, but that this is not actually referred to in the document, except for once in the scope section. The reference should be changed to the MBMS stage 2 document 23.246 with an appropriate change of wording in the scope. Additionally new text highlighted with change bars below is proposed to be added to TR 29.846, Section 3 Definitions and Abbreviations.

A view was that rather than referencing it would be better to have the complete list in the document, or at least a focused search in one TS rather than 3. Could be merged with the revision of 1421 into 1654

Conclusion : Noted

N1-031451 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Service Continuity and Mobility

Discussion : The CN is required to support mobility functions for MBMS in order to support service continuity. It is recognised that some data loss may occur when a mobile moves (e.g. between RNC's or SGSNs) and MBMS applications are required to be able to deal with such data loss. This is all reflected in TS 23.246.

The UE can not know when it is moving between two RNCs under one SGSN or not. Is the indication to this that the RA changes? But since there is no requirement on the UE it does not need to know about this movements. The status IE was discussed related to NSAPI, and thus could better use the existing IE rather than making a new. What about the GERAN side? No procedures defined yet. Common procedures with UTRAN are envisioned.

Conclusion : Revised to 1658

N1-031658 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Service Continuity and Mobility

Discussion :

Conclusion : Agreed

N1-031452 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Data Transfer

Discussion : In MBMS, once the user has requested to join a service the MBMS context is established in the CN and RAN. The Iu interface and radio bearers are not established at this time. These bearers are set up when an indication is received from the BM-SC that the session is about to start. This indication will be supported by new messages on the Gi interface, and in GTP. When the SGSN receives this message it will, using new RANAP messages make a request on Iu interface to establish the radio bearers for all UE's that have requested the service. The RAN sets up appropriate radio bearers (point to point or point to multipoint dependent on the number of UE's in each cell). None of these procedures require any additional SM signalling after the initial activation procedures. Hence no changes to 24.008 are required to support this.

Not expected to touch Service Request procedure, but some thought this could be needed in 24.008 and should be studied. Both the service request mechanism to get the PS signalling connection and the method of keeping the UE in PMM-CONNECTED state were discussed. This is only needed if an operator wants to count the number of MBMS UEs (which requires the signalling connection to be established). A proposal was made that a timer could however be used.

Conclusion : Revised to 1659

N1-031659 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Data Transfer

Discussion : Forgot to make the editors note for the last paragraph in order to take it out later. Done during implementation by the rapporteur.

Conclusion : Agreed

N1-031453 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Information Storage

Discussion : In MBMS it is necessary for the SGSN and GGSN to maintain data for each UE that has requested to join each MBMS service - the MBMS UE context. This context information is passed from one SGSN to another during SRNS relocation procedures. The MBMS UE Context information includes IP Multicast Address, APN, TMGI, Linked NSAPI. This context information is not required to be transferred by SM signalling, and is in fact derived from the MBMS Context Activation procedures by the CN. Hence the CN is required to store this information as described in TS 23.246, but it has no impact on the SM procedures developed for 24.008 over and above those defined for the MBMS context activation procedures.

Alignment with 1421 is recommended. Comments and editorials to be incorporated.

Conclusion : Revised to 1660

N1-031660 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Information Storage

Discussion :

Conclusion : Agreed

N1-031454 : TR 29.846v020, 3, **Type**: CR, **Title**: MBMS Interaction With Other Features

Discussion : MBMS has not been identified to have any interaction with other features supported by TS 24.008.

This of course were a bold statement, and a situation with CS interaction showed this.

Conclusion : Rejected

N1-031493 : TR 29.846v020, 3, **Type**: TR, **Title**: MBMS TR version 0.2.0

Discussion : It was agreed that the TR is 50 % complete and therefore TR 29.846 is sent to TSGN plenary for information.

Conclusion : Noted

N1-031524 : TR 29.846v020, Siemens, **Type**: CR, **Title**: Verification of UE Bearer Capabilities

Discussion : Due to depency to SA2 where there are two competing proposals in this issue.

Conclusion : Postponed

N1-031527 : 3, **Type**: DISCUSSION, **Title**: Protocol Discriminator for MBMS

Discussion : Current proposals for MBMS message definitions within TR28.846 pre-suppose a new set of messages for MBMS. The next protocol decision that needs to be made, is whether the new MBMS messages will be defined as a subset of an existing protocol discriminator (PD), or whether a new PD will be defined in 3GPP TS24.007. It is proposed that the meeting discuss the pros and cons of each of the approach, and make a working assumption on the solution. Once this decision is made, 3 shall, if required, bring in the necessary CRs to 24.007.

Another proposal seems to be that existing message types be used instead of new ones. A problem with this could be e.g. some mandatory information elements. It may be early to decide on the PD now. The SM and MBMS share already parts and the question is if more can be shared. If equal activation messages, could there e.g. be a problem with collision of activation and deactivation. Introducing many more error cases, thus impacting existing procedures even for products not supporting MBMS. A document with pros and cons was agreed to be made, and thus establish the working assumption for the next meeting. Kevan Hobbis was volonteered to be the contact point.

Conclusion : Noted

8.4 IMS phase2

8.4.1 Local services

None Provided.

8.4.2 Group Management

None Provided.

8.4.3 Conferencing

N1-031370 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Editorial comments

Discussion : Quick one.

Conclusion : Agreed

N1-031371 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 24.847: Editorial changes to Annex A

Discussion : Quick one.

Conclusion : Agreed

N1-031372 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Correction of text regarding MRFC/AS relationship

Discussion : The normal means of communication between the MRFC and the AS is expected to be SIP, via the S-CSCF acting as a proxy. These SIP messages may additionally transfer SDP. Because the precise allocation of functionality between an AS and an MRFC has not yet been agreed, it is not yet possible to define either the SIP or SDP protocol in detail for this function. There is however text in subclause 5.2.3 and subclause 6.2.3 that states that the AS can includes MRFC functionality. This is untrue.

Conclusion : Agreed

N1-031373 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Conference mixer clarifications

Discussion : In the case of media streams transferred by a separate IP-CAN bearer (PDP context in GPRS) it is clear that the mixer must therefore be contained in the Media Resource Function Processor (MRFP). Additionally, the

protocol between the Media Resource Function Controller (MRFC) and the MRFP is recognized as being H.248 / MEGACO and is therefore out of the scope of normative requirements of either 29.847, or the resultant 24.147. Additionally any protocol between the AS acting as a conferencing AS, and the MRFC, via the S-CSCF, has also been declared to be out of scope of normative requirements of either 29.847, or the resultant 24.147. There are a number of statements in 29.847 that therefore require correction.

Conclusion : Agreed

N1-031374 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Definitions

Discussion : Certain terms were defined in 3GPP TS 24.229 that are reused extensively in 3GPP TR 29.847, and will therefore be reused extensively in 3GPP TS 24.147. It is proposed that these definition references should be copied across to 3GPP TR 29.847. Note that a definition for MRFP has been added to this list, and will probably be appropriate to add this to 24.229 as well.

Conclusion : Agreed

N1-031381 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Removal of duplicate requirements to 24.229

Discussion : 1st paragraph. The requirements in this paragraph are all mandatory normative requirements for an AS in 24.229 subclause 5.7.1.2. They should not therefore be reintroduced as new requirements in this document. These requirements are needed to support the mandatory requirements in the 2nd paragraph, which are specified as optional in subclause 5.7.1.2 of 24.229. It is proposed to reword the 1st and 2nd paragraphs of the subclause as follows to reflect this.

Discussed together with 1383 to understand the proposal. The general statement in 1383 should not be changed, but it was seen as no harm to show the 'shall' again in this document.

Conclusion : Revised to 1664

N1-031664 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Removal of duplicate requirements to 24.229

Discussion :

Conclusion : Agreed

N1-031382 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 24.847: Adoption of terminology for IMSCOOP

Discussion : The work item IMSCOOP introduces terminology to be used that is independent of the access network. It is proposed that this terminology is adopted in other specifications.

Conclusion : Agreed

N1-031383 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Inclusion of normative references to 3GPP TS 24.229

Discussion : At CN1#31 it was decided that substantial material in 29.847 would ultimately be placed in a new specification, rather than in 24.229. There is still a requirement that the functional entities supporting the conference service should implement 24.229, and therefore it is proposed that text should be included in 29.847 material that will ultimately be placed in 24.147 that provides such normative references.

Conclusion : Agreed

N1-031425 : TR 29.847v100, Siemens, **Type**: CR, **Title**: Removing other users from a conference

Discussion : This contribution describes how a conference participant can remove another conference participant from the conference by sending a REFER request to the conference focus.

Proposed to merge this with 1562, and avoid hanging paragraphs with all titles. Agreed to treat them seperately.

Conclusion : Revised to 1665

N1-031665 : TR 29.847v100, Siemens, **Type**: CR, **Title**: Removing other users from a conference

Discussion :

Conclusion : Agreed

N1-031483 : TR 29.847v100, NEC, **Type**: CR, **Title**: Proposed several changes in TR29.847

Discussion : Based on the companion CRs (N1-031471, N1-031475, N1-031515), several charging related changes are proposed in the flow of TR29.847.

The same approach as for the revision of 1492 is applicable. IOI is used between HPLMN and VPLMN.

Conclusion : Revised to 1667

N1-031667 : TR 29.847v100, NEC, **Type**: CR, **Title**: Proposed several changes in TR29.847

Discussion : The AS seems to be playing around with ioi. The isssue is for further contributions.

Conclusion : Agreed

N1-031484 : NEC, **Type**: WID, **Title**: Revised WID on IMS Stage 3 Enhancements

Discussion : The following changes are required:
- In subclause4, additional item regarding OMA defined services such as PoC is added based on the above discussion.
- Additional capabilities are also stemmed from OAM such as subscriber and equipment trace or OCS for Rel 6.
- Adding NEC as supporting company

Subscriber and equipment trace are dealt with in SA5 in a rather general WID. The work has not started yet, and it probably needs an extension to the IETF, pushing the time schedule far beyond what is expected for IMS2. Regarding PoC it would be good to see what the architecture requires before deciding on what work is needed on stage 3. Thus the proposals in the meeting was to have them as seperate WIDs, including a seperate one for online charging system.

Conclusion : Noted

N1-031489 : TR 29.847v100, Siemens, **Type**: CR, **Title**: Update of flows (Security-Verify, P-Charging-Vector)

Discussion : Align Secrutiy-Verify header with new layout in 33.203 Annex H. In P-Charging-Vector header the icid-generated-at parameter is deleted.

Only changes needed to the Security verify is needed, since the other change will be incorporated to another CR to avoid overlapping text. The name is incorrect.

Conclusion : Revised to 1668

N1-031668 : TR 29.847v100, Siemens, **Type**: CR, **Title**: Update of flows (Security-Verify, P-Charging-Vector)

Discussion :

Conclusion : Agreed

N1-031490 : TR 29.847v100, Siemens, **Type**: CR, **Title**: Correction of wording in authorization procedure

Discussion :

Conclusion : Agreed

N1-031491 : TR 29.847v100, Siemens, **Type**: CR, **Title**: Conferencing AS vs. conference focus

Discussion : Conferencing AS implements the role of a conference focus or of a notification service, instead of acting as. REFER request is sent to the conference focus, instead of conferencing AS. Initial INVITE with conference factory URI is handled by the conferencing AS and not by the focus, which does not exist at this time.

Changes done in 5.3.2.3.1 should not be made. All in subclause 5.3.2.3.2 on abnormal handling is for 24.229 and not needed here. These abnormal cases has to be studied before moving to 24.147.

Conclusion : Revised to 1669

N1-031669 : TR 29.847v100, Siemens, **Type**: CR, **Title**: Conferencing AS vs. conference focus

Discussion : The only changes are that all changes in 5.3.2.3.1 are reversed and an editor's note is added to 5.3.2.3.2 to ask us to check when moving this text to TS 24.147 whether this abnormal case is generic (24.229) or conferencing related (24.147) only.

Conclusion : Agreed

N1-031556 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Flow: AS invites user to a conference

Discussion : This contribution adds a conferencing signalling flow for the case where a Conferencing AS/MRFC sends an INVITE request to a user who is invited to a conference (dial out case). This flow could not be drawn up till now, as the decision on PSI originating routing was pending in SA2.

Still pending in SA2 how a PSI is resolved. The charging for the service is moved from the S-CSCF to the AS. Editorials were pointed out 'loosely' in a general manner. Offline discussions needed before revision done. Changes in the area of PSI routing and charging are needed for 23.218 also.

Conclusion : Revised to 1670

N1-031670 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Flow: AS invites user to a conference

Discussion :

Conclusion : Agreed

N1-031557 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Flow: AS sends REFER to user

Discussion : This contribution introduces a signalling flow in which the AS sends a REFER to a user in order to invite the user to a conference. This kind of flow was requested at the last meeting, in order to make mass invitations of users (by means of REFER) possible, without the conference moderator sending all the REFERs over the air interface. In this case the Conferencing AS/MRFC is able to resolve the address of the I-CSCF in the terminating users home network directly and sends the REFER therefore directly there. This is possible due to SA2 decision on PSI routing.

Ah, some copy/paste mistakes in numbering, plus editorials.

Conclusion : Revised to 1671

N1-031671 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Flow: AS sends REFER to user

Discussion :

Conclusion : Agreed

N1-031558 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847: Profile Tables Lost and Found

Discussion : Due to an incredible mistake of the editor, the profile tables that were part of TR 24.847 got lost during the re-structuring of the TR. This document re-introduces them into section 9 of the document, where they are identified as material that will be shifted to TS 24.229, whenever all CN1 delegates have developed a common view on the stability of the conference related TRs (this is currently forseen to be in March 2004, but one never knows).

Conclusion : Agreed

N1-031559 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Text: AS sends REFER to user

Discussion : The conference focus can send a REFER message to a user B, in order to invite this user to an existing conference. This is needed, as e.g. a user A might want to invite a large group of other users (mass invitation), to whom user A would need to send REFER messages. This would put unnecessary load to the air interface.

Conclusion : Agreed

N1-031560 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Text: Conference creation with conference URI

Discussion : A conference can be created with a conference URI. This would be the case e.g. when the conference URI is known before conference creation to all users. The first user, who sends an INVITE to the conference URI would seamlessly create the conference.

Conclusion : Agreed

N1-031561 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847: Reference to 22.141

Discussion : TS 22.141 is referenced in clause 3 and sub-clause 9.2.1.1 of TR 29.847, but not listed as a reference. This paper adds a reference in clause 2. The format of the last paragraph in 9.2.1.1 is changed from an editor's note to a first-level bullet.

Conclusion : Agreed

N1-031562 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Text: User Leaving a conference

Discussion : Quick one. To be coordinated with revised 1665. Later on introduced slowly; A user can leave a conference by sending a BYE message to the server or the server removes the user from the conference by sending a BYE message to the user. Afterwards, the user shall not immediately unsubscribe from the conference state event package, in order to not cause too much traffic on the air interface. Instead, the notification service should send a NOTIFY with Subscription-State header set to "terminated".

Style problem, and no term as 'session release'. Subscription terminate timer ?

Conclusion : Revised to 1666

N1-031666 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Text: User Leaving a conference

Discussion :

Conclusion : Agreed

N1-031563 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847: Drop flows A3.3, A.3.4, A.3.5, A.7 and A.8

Discussion : During the planning for the required IMS conferencing related material, a list of call flows was proposed and included in Annex A of the conferencing TR. As the TR in the meantime includes a large set of flows, it is proposed to drop those from the list, which would not add any new information or which are already covered by other specifications, mainly 24.228.

It could instead of dropping some flows be refered to the actual flow in 24.228.

Conclusion : Revised to 1672

N1-031672 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847: Drop flows A3.3, A.3.4, A.3.5, A.7 and A.8

Discussion :

Conclusion : Agreed

N1-031564 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Flow: User sending REFER to AS

Discussion : This contribution adds a signalling flow which shows how the user sends a REFER request to an AS. The AS afterwards will send INVITE to the invited user.

Mistake in doubling the boxes. User part in the Via header problem.

Conclusion : Revised to 1673

N1-031673 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Flow: User sending REFER to AS

Discussion : A textbox 'AS invites the user' is missing before flow number 9.

Conclusion : Revised to 1721

N1-031721 : TR 29.847v100, Nokia, **Type**: CR, **Title**: 29.847 Flow: User sending REFER to AS

Discussion :

Conclusion : Agreed

N1-031591 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Annex A corrections to the P-Access-Network-Info header

Discussion : A number of changes are proposed to Annex A of 24.841 to correct the usage of the P-Access-Network-Info header.

N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications. Similar revisions are needed as for the other documents mentioned.

Conclusion : Revised to 1674

N1-031674 : TR 29.847v100, Lucent T., **Type**: CR, **Title**: CR to 29.847: Annex A corrections to the P-Access-Network-Info header

Discussion : N1-031492, N1-031590, N1-031594 and N1-031591 are dealing with the same issue in different specifications. Overlap with a CR shortening the text while this take out all of that. If there is a conflict with this CR and another agreed one, then this one takes the higher precedence.

Conclusion : Agreed

8.4.4 Messaging

N1-031565 : Nokia, **Type**: DISCUSSION, **Title**: Discussion paper on IMS Messaging

Discussion : During CN1#31 meeting, TS 24.247 for the IMS Messaging Service was created. This discussion paper lists some of the most important open issues on IMS Messaging. CN1 and SA2 are asked to discuss and solve these issues together, in order to allow CN1 to start with the work on IMS messaging. It has not been decided whether MSRP relays are needed in IMS or not.

Charging should be the same with MSRP relays or not. MSRP should not hit the CSCFs if used.

Conclusion : Noted

N1-031566 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Text: Message Sessions in IMS

Discussion : This document introduces the procedures for messaging sessions into TS 24.247. All the procedures are written to be in-line with draft-ietf-simple-message-sessions-01 (MSRP draft).

With a relay it was not thought that preconditions were needed,- by some. And that dependency to 24.229 should be put on hold until options are investigated. Even though the ID has been reproduced and intended deleted later does not hide that it is very little that should be in the TS now. Requirement on no use of precondition should anyway be in the 24.229. Network initiated PDP context was raised and should if needed be discussed in SA2.

Conclusion : Revised to 1675

N1-031675 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Text: Message Sessions in IMS

Discussion : Should be annex B instead of A. Chat is still in the text and was agreed to be removed.

Conclusion : Revised to 1722

N1-031722 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Text: Message Sessions in IMS

Discussion :

Conclusion : Agreed

N1-031567 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Flow: Message Sessions in IMS

Discussion : This contribution provides a signalling flow for a session based messaging establishment. In order to allow the reader to concentrate on the MSRP / Messaging specific information, all tables that are anyhow identical to those in 24.228 have not been included.

The flows contains preconditions as one possibility, and the companies that do not like that were invited to bring in other valid options to the flows. And the discussions on options could be decided in future meetings.

Conclusion : Revised to 1676

N1-031676 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Flow: Message Sessions in IMS

Discussion :

Conclusion : Agreed

N1-031568 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Text: Instant Messaging

Discussion : This document proposes initial text that describes the handling of instant messaging at a IMS UE.

It was argued that all this was in 24.229, and that if this TS is worked on it must be for something special for messaging. The opposite view is that the referencing to RFCs done is needed, and immediate messaging is not included. The reason for objecting to the TS content now is that the scope etc. should be clarified before starting.

Conclusion : Revised to 1679

N1-031679 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Text: Instant Messaging

Discussion : Instant to be replaced with immediate, and messaging with messages.

Conclusion : Revised to 1723

N1-031723 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Text: Instant Messaging

Discussion :

Conclusion : Agreed

N1-031569 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Flow: Instant Messaging

Discussion : This is a first flow for the Messaging TS 24.247 – it shows the basic message exchange between two IMS users without AS involvement. This flow is identical to the flow in TS 24.228 v5.5.0, section 10.6, besides that the P-CSCF2 is shown in the visisted network (not the home network of user2) and that the To: header in table 10 was corrected (from sip:user1_public1@home1.net to sip:user2_public1@home2.net). After creation of Rel-6 24.228, section 10.6 shall be deleted from that TS. The flow is moved from 24.228 to the Messaging TS (24.247) in order to show all messaging related capabilities in one document.

The flows was agreed not to be taken out of 24.228, but instead referenced.

Conclusion : Revised to 1677

N1-031677 : TS 24.247v010, Nokia, **Type**: CR, **Title**: 24.247 Flow: Instant Messaging

Discussion :

Conclusion : Agreed

8.4.5 Extensions to SIP capabilities

N1-031375 : 29.229v600, CR#494, Lucent T., **Type**: CR, **Title**: Correction of I-CSCF handling of multiple private user identities with same public user identity

Discussion : At the last meeting we agreed a note in subclause 5.3.1.2 (CR473) that contained non standard terminology to 24.229, and for which the meaning was not clear, as raised by subsequent queries on the CN1 mailing list. As regards the term "IMS public user identity", the defined term is just plain "public user identity" and the use of "IMS" in front of it implies a degree of multiple types of public user identity that just does not exist. Therefore the "IMS" should be stripped off, because it is not an appropriate part of the term. CR473 introduced text in subclause 5.4.3.3 relating to the use of the qvalue parameter (RFC 3261 style of referring to). Changes are made to align to the RFC 3261 style. CR473 also introduced into 24.229 the concept of supporting more than one registration of public user identity at the S-CSCF. It is believed that this is appropriately represented by an entry in the major capabilities tables, in addition to that which represents the ability to do a parallel search on qvalue, i.e. forking. It is assumed that this is an optional capability at release 6. This CR proposed revised text which resolves these problems.

Conclusion : Agreed

N1-031378 : 29.229v600, CR#497, Lucent T., **Type**: CR, **Title**: Addition of reference to Gq interface

Discussion : At CN1#31 we approved a CR (CR465R1, N1-031267, NP-030418) that added the Gq interface to various clauses. At one of these points it is also appropriate to insert a reference to the specification defining the Gq interface, for which a number has now been allocated.

To be discussed with a dependandancy to 1431, and must also be implemented before 1431.

Conclusion : Agreed

N1-031468 : 23.218v560 **CR#**059, NEC, **Type**: CR, **Title**: Corrections on charging specification number

Discussion : Stage2 IMS related charging specification number is changed from TS32.200 to TS32.240. Stage3 IMS charging specification number is changed from TS32.225 to TS32.260.

Should this CR wait since the new TSs for Rel-6 have not been approved yet, and we do not know the content of these yet. The specs are not even available on the 3GPP server under e.g. specs/latest drafts, and this is a minimum for starting to reference them from CN1. MCC/Per to inform to SA5 that new TSs and versions need to be published if they should be referenced from other groups.

Conclusion : Agreed

N1-031469 : 24.229v600 **CR#**529, NEC, **Type**: CR, **Title**: Corrections on charging specification number

Discussion : Same discussion and action as for 1468.

Conclusion : Agreed

N1-031473 : 29.229v600, CR#533, NEC, **Type**: CR, **Title**: Additional clarifications for forking

Discussion : Forking is occurring not only for session related messages but also session unrelated messages (SUBSCRIBE, MESSAGE) according to RFC3261. Thus the current note on forking should be moved to another subclause. It is missing that the forking take place at ASs for destined personal service identities. In case of forking, ICID shall be generated for new sessions. It is missing how to handle the association of new ICID with original ICID for request. In B.2.2.5.2, the current text is not correct so that it leads to misimplementation.

The AS do not have contact addresses, even though this indication in 5.7.4 comes from SA2 text. The AS may however fork, and this must be preconfigured. The description on ICID for generating a new one for each branch do not seem inline with SA5 text where CN1 were not aware of any requirement either way. The criteria for starting charging must be the same as for opening the gate for the user data. Subscribe is not sent to terminals. The impact on filter criteria needs to be assessed if the AS does forking. The AS must be prepared to receive responses to forked requests.

Conclusion : Postponed

N1-031513 : 23.218v560 **CR#**062, NEC, **Type**: CR, **Title**: Additional clarifications on charging for forking

Discussion : Discussions still ongoing.

Conclusion : Postponed

N1-031543 : 24.229v600 **CR#**552, Ericsson, **Type**: CR, **Title**: Session timer

Discussion : The SIP session timer is introduced in the specification. It is optional for SIP User Agents to support the SIP session timer. It is optional for SIP proxies to support the SIP session timer. Procedures relay on draft-ietf-sip-session-timer-12 for discovering support, negotiating the time,and requesting the session to be refreshed.

If the P-CSCF needs to be prepared for this new function to refresh its states, it is sort of mandatory for Rel-6 even though the Rel-5 can not support a Rel-6 UE implementing this option. It is a stated extension in the profile as well, and can be compaired to the REFER method regarding documentation. Is session a dialog? No it is SIP sessions. The text should not be in the main body of the TS, but in the profile or something clearly indicating the 'should' for the function.

Conclusion : Revised to 1678

N1-031678 : 24.229v600 **CR#**552r1, Ericsson, **Type**: CR, **Title**: Session timer

Discussion : In 5.2.7.2 there is contradictory text. In 5.2.8.3 the refreshing was not clearly understood.

Conclusion : Postponed

N1-031583 : 24.229v600 **CR#**569, Nokia, **Type**: CR, **Title**: Determination of S-CSCF role

Discussion : ASs may send request on behalf of the user. When that happens, the request has to be sent to the S-CSCF of the user, and the S-CSCF shall act in originating role. The AS can query the HSS to find out the address of the S-CSCF serving that specific user, but that address embeds the terminating role of the S-CSCF, but in this case the role has to be originating. It is therefore proposed to append a parameter to the Request URI, which would let the S-CSCF to recognise that it needs to perform originating services.

Some found that this has architectural impact for service control, and that 23.228 changes together with security issues needs to be clarified. The other view is that it was already covered in figure 4.3b. In conferencing the difference is the PSI routing. Yet another view is that a 23.218 CR could be needed to have the related Cx changes evaluated. CN1 and CN4 joint meeting was also proposed for the next meeting.

Conclusion : Rejected

N1-031584 : 23.218v560 **CR#**063, Nokia, **Type**: CR, **Title**: AS originated requests

Discussion : In clause 9.1.1.2 Application server acting as originating UA is introduced. However, it has not been specified what kind of sessions/transactions can be originated. CN4 has not concluded anything yet.

Conclusion : Postponed

N1-031589 : 29.229v600, CR#572, Lucent T., **Type**: CR, **Title**: Text harmonisation with 3GPP2

Discussion : A number of textual changes have been made in the 3GPP2 version of 3GPP TS 24.229. In a number of cases, these result in a slight textual improvement, and therefore, in order to promote alignment, it is desirable to make these changes to the 3GPP specification rather than commenting to 3GPP2 to reverse their change. This document identifies some of those changes.

Conclusion : Agreed

N1-031595 : 29.229v600, CR#573, Lucent T., **Type**: CR, **Title**: Procedures in the absence of UICC

Discussion : Subclause 5.1.1.1A specifies procedures for the derivation of parameters for use in the authentication request. In 3GPP, these are taken from the UICC (in respect of commonality text, in 3GPP2 they may well be directly configured in the terminal). If therefore the UICC is absent, the parameters cannot be derived, and the authentication should not proceed.

Instead of saying that the UE shall not proceed, it could be changed to something that it will not be able to register. But the intention of the originator is that an attempt should not be made. Emergency call may not have UICC but still send an INVITE when the requirements are made.

Conclusion : Revised to 1680

N1-031680 : 29.229v600, CR#573r1, Lucent T., **Type**: CR, **Title**: Procedures in the absence of UICC

Discussion :

Conclusion : Agreed

8.4.6 Followup of IETF development of new SIP & SDP capabilities

N1-031436 : Lucent T., **Type**: DISCUSSION, **Title**: An analysis of the requirements of the Reason header

Discussion : This contribution analyses the requirements of the Reason header with a view to completing the Annex A tables within 3GPP TS 24.229. Confirmation of CN3 is also needed with regard to the functionality of the MGCF, in respect of this header when interworking with BICC/ISUP.

Why do we need the Q.850 causes? Probably not, but could be used. Note that this is an end to end use.

Conclusion : Noted

N1-031437 : 29.229v600, CR#518, Lucent T., **Type**: CR, **Title**: Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol

Discussion : RFC 3326 extends SIP by means of a new header valid in requests. This document has become available subsequent to the release 5 freeze date, and the operation does not form an essential part of release 5. However, the functionality is considered by previous decision of CN1 to be useful for inclusion in the IM CN subsystem (IETF dependencies discussions), and therefore it is proposed to be included in release 6 functionality, with a support identical to that given for IETF.

Do we need to add a reference to an RFC to say we are not using it?

Conclusion : Revised to 1681

N1-031681 : 29.229v600, CR#518r1, Lucent T., **Type**: CR, **Title**: Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol

Discussion :

Conclusion : Agreed

N1-031438 : 24.841v112, Lucent T., **Type**: CR, **Title**: CR to 24.841: Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol

Discussion : Same as for 1437, and agreed dependant on agreed 1681.

Conclusion : Agreed

N1-031439 : 29.229v600, CR#519, Lucent T., **Type**: CR, **Title**: Profile support of RFC 3581: An Extension to the Session Initiation Protocol (SIP) for Symmetric Response Routing

Discussion : As this SIP extension only provides an extension parameter to a header, it does not need to appear in the PDU tables, or the PDU parameter tables. It is sufficient therefore just to indicate the required support in the major capabilities tables for both the UA (table A.4) and the proxy (table A.162). A reference to the RFC needs to be included in clause 2.

Should discuss the Rel-5 CR first, in 1481, which is an alternative proposal.

Conclusion : Agreed

N1-031597 : 29.229v600, CR#575, Lucent T., **Type**: CR, **Title**: P-Access-Network-Info changes

Discussion : Examination of the contents of subclause 7.2A.4.3 leads to the conclusion that many of what are ostensibly called coding requirements are requirements on how the UE should code the header. This means that the contents are inappropriately placed in 24.229 and should be placed elsewhere, in addition to other changes that may be required by the IMSCOOP work item. The changes required for IMSCOOP mean that this text is also specific to the radio access technology, and therefore the text needs to be moved from the main body of the specification.

1430 is a related document. This CR also moves the text to annex B, but with rewordings for UE emphasis and without technical changes. The header number should be 3.1.1.

Conclusion : Revised to 1683

N1-031683 : 29.229v600, CR#575r1, Lucent T., **Type**: CR, **Title**: P-Access-Network-Info changes

Discussion :

Conclusion : Agreed

8.5 IMS interoperability

N1-031426 : 24.229v600 **CR#**510, Qualcomm, **Type**: CR, **Title**: UICC related changes for IMS commonality and interoperability

Discussion : To make the main body of 24.229 common for different types of access networks, some references to UICC and USIM need to be moved to a new annex.

The 6 contributions from Qualcomm on this WI are a result of open CN1 conference calls. The reference to 23.003 should not be deleted since it is not 3GPP specific? 3GPP2 do not have a temporary identity and do not use UICC. The scope in the new annex only covers the case with UICC, while another paragraph deals with no UICC.

Conclusion : Revised to 1682

N1-031682 : 24.229v600 **CR#**510r1, Qualcomm, **Type**: CR, **Title**: UICC related changes for IMS commonality and interoperability

Discussion : The only change after the previous version is that the title of annex C is copied to the scope in C.1.

Conclusion : Agreed

N1-031427 : 24.229v600 **CR#**511, Qualcomm, **Type**: CR, **Title**: Interoperability and commonality; definition of scope

Discussion : This CR updates the scope of the main body of 24.229 and the scope of Annex B. It also adds a new clause 3A to introduce the concept of multiple IP-CANs in 24.229. The title for Annex B is also changed to align with 23.228.

Conclusion : Agreed

N1-031428 : 24.229v600 **CR#**512, Qualcomm, **Type**: CR, **Title**: Interoperability and commonality; addition of terminology

Discussion : Described are changes that are needed to make the main body of 24.229 access independent and to align 24.229 with 23.228. Terminology replacements of GPRS by IP-CAN, and PDP context by IP-CAN bearer:
Similar terminology replacements were done in SA2 to create Release 6 TS 23.228 from Release 5 TS 23.228. These replacements are now done in many clauses throughout TS 24.229.

Conclusion : Agreed

N1-031429 : 24.229v600 **CR#**513, Qualcomm, **Type**: CR, **Title**: Interoperability and commonality; media grouping

Discussion : Text changes needed to make the main body of 24.229 access independent and align 24.229 with 23.228.

It was said that media grouping was more GPRS access related, and should be moved to the annex part. Many other views with respect to WLAN and history etc. were discussed without reaching any changes or agreement at this point.

The usability of media grouping concept was discussed, but it was decided to keep the access independence CRs as close to editorial modifications as possible and to leave the improvements of the protocol out of this WI.

Conclusion : Agreed

N1-031430 : 24.229v600 **CR#**514, Qualcomm, **Type**: CR, **Title**: Interoperability and commonality; access network information

Discussion : P-Access-Network-Info header: GPRS specific descriptions contained in clause 7.2A.4 (P-Access-Network-Info header) are moved into a new clause B.3.1.

1597 is a related document, and since it covers the same issue and was agreed this must be rejected.

Conclusion : Rejected

N1-031431 : 24.229v600 **CR#**515, Qualcomm, **Type**: CR, **Title**: Interoperability and commonality; charging information

Discussion : Access network charging information:
Clause 5.4.3.2 of Release 5 TS 24.229 describes operations related to GPRS charging information. This clause is modified to replace “GPRS charging information” by “access network charging information”, and the reference to gprs-charging-info parameter is replaced by the reference to the more generic P-Charging-Vector section. The statement “the GPRS charging information is populated in the P-Charging-Vector using the gprs-charging-info parameter” is added to clause B.3.2. Clause 4.5.1 is also corrected to remove the redundant bullet 2.a.
P-Charging-Vector header:
GPRS specific descriptions in clause 7.2A.5 (P-Charging-Vector header) of are moved into a new clause B.3.2.

The Go interface is not IP CAN and therefore replacing GGSN with this term makes the TS loose information. A reference is missing. Also a dependancy to another Lucent doc. in 1378 on terminology was to be taken into consideration. N1-031378 changes the moved subclause and that change must be done first.

Conclusion : Agreed

N1-031442 : 24.229v600 **CR#**522, Lucent T., **Type**: CR, **Title**: Clause 9 restructuring

Discussion : Currently, our document 24.229-550 (Clause 9) specifies two aspects pertaining to the wireless access network:
1. Generic services (and associated procedures) which must be provided by any wireless access network (i.e., IP-CAN), and
2. Description of the procedures "how are these services provided by the GPRS access technology."
The text that pertains to 1) should be kept in the main body of the document 24.229 (clause 9), while the text pertaining to 2) should be moved to the annex B.

Where does 9.2.2 comes from? Individual sentences. Some liked the third option about configuration and others not, questioning if it should also be for Rel-5. Preconfigured can not be done for Rel-5. Some parts were not considered when generalising chapter 9. CR category D must be added.

Conclusion : Revised to 1684

N1-031684 : 24.229v600 **CR#**522r1, Lucent T., **Type**: CR, **Title**: Clause 9 restructuring

Discussion :

Conclusion : Agreed

N1-031596 : 24.229v600 **CR#**574, Lucent T., **Type**: CR, **Title**: Appropriate linkage to new Annex C

Discussion : A proposed CR to 24.229 release 6 proposes a new Annex C to take some of the material from subclause 5.1.1.1A. Additional text is needed in subclause 5.1.1.1A to make that linkage.

UICC was discussed earlier and are not correct as proposed here. Others did not see this as agreeable.

Conclusion : Rejected

8.6 WLAN

N1-031396 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 1 (Scope)

Discussion : The following issues are identified and changes proposed:
- In the fourth paragraph there is a statement that indicates the 3GPP AAA proxy is outside the scope of this specification. This could be taken to imply that the roaming scenarion defined in 3GPP TS 23.234 is not covered. The statement is therefore modified to indicate that the 3GPP AAA proxy is transparent to signalling within the scope of this specification. Note that if this paragraph is retained in its existing form, then at least the "," is inappropriate for separating the two parts of this paragraph.
- The final paragraph, while correct, introduces concepts that do not appear to be relevant to the scope and therefore it is proposed to delete this paragraph.
- A number of editorial changes are also introduced.

The deletion on (U)SIM was questioned, but it was said that there is no requirement on this. Modify the text on 3GPP AAA proxy transparency to signalling, i.e. no additional requirements are needed..

Conclusion : Revised to 1685

N1-031685 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 1 (Scope)

Discussion :

Conclusion : Agreed

N1-031397 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 4.1

Discussion : If a 3GPP AAA proxy is involved, then the 3GPP AAA server will communicate with the 3GPP AAA proxy via the Ws interface, which in turn will communicate with the WLAN AN (I-WLAN, see other contributions) via the Wr interface. Proposal made to add the definitions of both "3GPP AAA server" and "3GPP AAA proxy" to the definitions clause.

Comments were made and a revision needed.

Conclusion : Revised to 1686

N1-031686 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 4.1

Discussion :

Conclusion : Agreed

N1-031398 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 5.2 (3GPP WLAN AN selection)

Discussion : A general clause is included, which describes the I-WLAN mechanisms. One editor note relates to the precision of the references for the use of the IEEE specifications. In the redrafting, we have not removed any information in this respect, but have come to the conclusion that the current precision is insufficient to implement. The second editor's note refers to the need to define a value of SSID that will be used for indicating 3GPP IW capability. The term WLAN AN is changed to I-WLAN throughout.

1398 overlaps maybe with 1531 in parts. Proposals to delete the I in front of WLAN. This should be addressed SA1.

Conclusion : Revised to 1687

N1-031687 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 5.2 (3GPP WLAN AN selection)

Discussion : Discussions on deletion of the 2 first bullet items in General, which will change the selection procedure.

Conclusion : Postponed

N1-031399 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Use of I-WLAN terminology

Discussion : The term WLAN AN is changed to I-WLAN throughout, as this is the appropriate term used by the stage 1 specifications.

Proposal not to implement the changes at this point in time. In WLAN selection there is no restriction to the interworking WLAN's and therefore WLAN as such is correct at least for this case. WLAN PLMN selection is performed only amongst the interworking PLMNs. In this situation it was agreed to change the "WLAN AN" to "WLAN" for now.

Conclusion : Revised to 1691

N1-031691 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Use of I-WLAN terminology

Discussion :

Conclusion : Agreed

N1-031400 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 4.2 (WLAN UE identities)

Discussion : Subclause 4.2.1 identifies that the NAI contains a user part and a realm part, but omits the critical information that it is structured according to RFC 2486, which contains all this information anyway. Currently the construction of the realm part is by reference to 3GPP TS 23.234 which is the stage 2, and it is more appropriate to specify this level of detail directly in the stage 3.

23.003 is a candidate for the information provided in this CR in 4.2.2. This was agreed as a CN1 endorced CR to the next CN4 meeting, so in 24.234 it will only be a reference to 23.003. The proposed new text in 4.2.2 should be converted into an editor's note.

Conclusion : Revised to 1692

N1-031692 : TS 24.234v010, Lucent T., **Type**: CR, **Title**: CR to 24.234: Changes to subclause 4.2 (WLAN UE identities)

Discussion :

Conclusion : Agreed

N1-031498 : 24.008v620, CR# 817, InterDigitalCommunication, **Type**: CR, **Title**: WLAN capability IE in MS Network Capability.

Discussion : The Information in the MS Network Capability include different radio access technologies such as UMTS, CDMA2000,..etc. However, the list does not include the availability of WLAN technology as part of the MS Network Capability. With the current development of WLAN-UMTS interworking and the dual mode GPRS/WLAN and UMTS/WLAN capable terminals, the terminal should have the capbility to inform the network about the existence of WLAN capability in the terminal.

Which WLAN technologies are supported in Rel-6? Handover is not part of Rel-6 now, and therefore some considered this sort of information was too early. Besides more information is needed to do such service handover. Which WLAN technologies need to be supported? Syntax mistake in MS RAC.

Conclusion : Rejected

N1-031530 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: References

Discussion : A new draft, "Network Discovery and Selection within the EAP Framework"[18], has been submited to IETF for network discovery and selection using EAP signalling. The proposed solution has 3 components: a delivery mechanism for conveying Access Network and Service Network Information to a WLAN client (Supported PLMN list), a data model/syntax for structuring the information in a generic manner (NAI Decoration recommendation), and a method by which the WLAN client can indicate its selection to the WLAN Access Network. TS 24.234 is at the moment consistent with the recommendations included in this draft.

Is it needed due to reference from text in the body of the TS? This draft has now become an RFC, so the change needed is calling the diameter base protocol with its new RFC number 3588.

Conclusion : Revised to 1693

N1-031693 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: References

Discussion :

Conclusion : Agreed

N1-031531 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: WLAN Selection

Discussion : More details are needed in WLAN selection procedure. In addition to that, Manual and Automatic selection modes must be supported and have been introduced in this proposal.

SA2 still discuss the prioritisation options. How much of the user interface are we going to allow or be allowed to do in this specification? Is WLAN selection ”random” or guided by preconfigured list? The list storing should be restricted to the SIM, and not in UE as said here. Other more or less offline comments as well. How much of these selection procedures do we want to specify? Make LS collecting issues for SA1.

Conclusion : Revised to 1688 and LSs OUT by Christian/Ericsson in 1690 and 1699

N1-031688 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: WLAN Selection

Discussion : No clear requirement was seen, and implementation dependant instead of as for 23.122 like selection. Which parameters will be used in a multi WLAN environment with different providers and interconnects.

Conclusion : Postponed

N1-031532 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: WLAN PLMN selection

Discussion : More details are needed in WLAN PLMN procedure. In addition to that, Manual and Automatic selection modes must be supported and have been introduced in this proposal.

If not registered, and exhausted preference search, and still interworking PLMNs are available, what do you do? Implementation dependant? Any PLMN in random order? Note the issue with an editors note now. Various corrections.

Conclusion : Revised to 1694

N1-031694 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: WLAN PLMN selection

Discussion :

Conclusion : Agreed

N1-031533 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: WLAN Authentication

Discussion : As stated in the draft TS there is a need for specifying the mandatory and optional features from SIM and AKA drafts. In addition to that, a reorganization is proposed to make a clear separation of UE procedures and AAA server procedures. This clear separation will ease the implementation of the TS and improve readability.

Question raised about both UE and network having authentication as optional. Rather the UE needs to react on whatever the network choose to do. Implemented changes to supported.

Conclusion : Revised to 1695

N1-031695 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: WLAN Authentication

Discussion :

Conclusion : Agreed

N1-031534 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: Scope, References and Definitions

Discussion : As a result of the additions to WLAN Selection and WLAN PLMN selection procedures, new terms have been introduced.

Broadcast to be used instead of broadcasting. More definitions were seen needed.

Conclusion : Revised to 1696

N1-031696 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: Scope, References and Definitions

Discussion :

Conclusion : Agreed

N1-031535 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: Parameters

Discussion : As a result of the additions to WLAN Selection and WLAN PLMN selection procedures, new parameters have been introduced.

Operator control is also needed.

Conclusion : Revised to 1697

N1-031697 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: Parameters

Discussion : The only change since the previous version is that the title of 7.5 is “operator controlled…”

Conclusion : Postponed

N1-031536 : TS 24.234v010, Nokia, **Type**: CR, **Title**: WLAN TS 24.234: UE identities

Discussion : As a result of the additions to WLAN PLMN selection procedure and the introduction of the new draft for Network selection and Discovery, new terms have been introduced.

Conclusion : Agreed

N1-031537 : Nokia, **Type**: WID, **Title**: WLAN Revised WID

Discussion : How many meetings are needed before March (80%)/June(finnished) 2004 to do the remaing work? Concern that the timescedule seem rather pressed regarding the many new issues and the allocated remaining meetings. The indicated schedule depends on SA1, SA2 and IETF decisions and is therefore not based on clear technical requirements. CN4 has reviewed this WID and agreed on it as prime responsibility. Should not USIM also be impacted also? Yes in not known since CN1 seems to agree on CRs putting requirement on (U)SIM, but some thought this was not the right way to do it. Three IETF drafts need to be added.

Conclusion : Revised to 1698

N1-031698 : Nokia, **Type**: WID, **Title**: WLAN Revised WID

Discussion :

Conclusion : Agreed

8.7 Emergency Call Enhancements for IP& PS Based Calls

N1-031570 : Ericsson, **Type**: WID, **Title**: Emergency Call Enhancements for IP& PS Based Calls - stage 3

Discussion : The timeschedule is shifted to June, and some ticks in USIM and other boxes may be proper for areas that may be impacted. Again is the meeting time available sufficient? Depends on available input from system groups 1 & 2.

Conclusion : Agreed

N1-031571 : Ericsson, **Type**: DISCUSSION, **Title**: Status update for WI EMC1-PS

Discussion : List of questions and concerns as seen from a detailed protocol (CN1) perspective. All issues are based on 3GPP TS 22.101 (version 6.5.0) and 3GPP TS 23.867 (version 0.4.0).

The session in SA1 tomorrow is for CN1 delegates to participate if desired, and those should have a view preferably as discussed during this document review. Where is the issues from the earlier LS from CN1 a few meetings ago to SA1? The list does not seem to get an endorcement from CN1 and companies seems to have at least additional questions. Nokia will cosign if the MS do not do PLMN search under conditions is added to the list. Hyphens to be changed with numbers. Some would rephrase the questions, and some would only have SA1 issues included, and some would have indication of which WG was expected to answer on each point, and some found the list usefull. Several rewordings were agreed, and clarification made that emergency in PS shall mean IMS.

Conclusion : Revised to 1637

N1-031637 : Ericsson, **Type**: DISCUSSION, **Title**: Status update for WI EMC1-PS

Discussion :

Conclusion : Noted

8.8 Other Rel-6 issues

N1-031390 : 24.008v620 **CR#**816, T-Mobile, **Type**: CR, **Title**: ePLMN list extension

Discussion : For some application it is necessary to inform the ME about more than the current 5 ePLMN's.

The affected messages will be around max 150 octets and are subject to segmentation. Needed to tick for O&M impact but uncertainty about test spec impacts.

Conclusion : Agreed

N1-031443 : Ericsson, **Type**: DISCUSSION, **Title**: NSAPI to LLC-SAPI mapping

Discussion : At SA2#20, a CR to TS 23.060 was approved that added a new condition to the existing ones for the multiplexing of different NSAPIs to the same LLC SAPI. In addition to the old criteria the paragraph now requires that in case BSS packet flow contexts are created, all NSAPIs that are multiplexed onto the same LLC SAPI shall share the same BSS packet flow context.

Presumably the alternative 3 with 7 more LLCs to map into is preferred. In alternative 3 the indication of support of extended range of LLC SAPI code points could be given either by the UE or the network . Different APNs with different charging could require a PDP context each. Similar proposal from Siemens on changes to the NSAPI (QoS...) to LLC SAPI rules in SA2 this week, i.e. alternative 2. But on the long term the increase of LLC SAPI values was foreseen as a better solution. Only 7 LLC is free now since 0 is also defined. The reason to have an intermediant solution is from history, and that upto Rel-4 only 4 QoS classes were defined. Modifications to pre Rel-6 are needed anyway, with alternative 2 needed for Rel-5 to provide 5 different QoS levels (the 4 QoS classes + signalling).
It was agreed that alternative 2 is needed for Rel-5, and then alternative 3 can be evaluated again later to see if it is needed or not.

Conclusion : Noted

N1-031465 : TeliaSonera, **Type**: DISCUSSION, **Title**: CN impacts of Network Sharing in Rel-6

Discussion :

Conclusion : Not treated due to time

N1-031466 : TeliaSonera, **Type**: WID, **Title**: Proposed WID for Network Sharing stage 3

Discussion : Not presented.

Conclusion : Revised to 1609

N1-031609 : TeliaSonera, **Type**: WID, **Title**: Proposed WID for Network Sharing stage 3

Discussion :

Conclusion : Not treated due to time

N1-031467 : 23.122v530 **CR#**014, Motorola, **Type**: CR, **Title**: Clarification regarding use of RAT during background PLMN scanning

Discussion : As specified in TS 22.011, a UE in Automatic Mode shall make periodic attempts to look for a higher priority PLMN of the same country as the currently received PLMN. When performing these attempts the access technology should not be used as a criteria for selection, as this could lead to a UE 'hopping' between access technologies within a single PLMN, especially in the case that a network is using the broadcast parameters to direct UEs to a particular access technology via the cell re-selection procedures. To avoid unnecessary confusion a clarification needs to be included in TS 23.122 to specify that when performing a PLMN scan in a VPLMN the UE only uses the PLMN as a selection criteria.

This is a Rel-6 CR, but discussed together with 1495.

Conclusion : Revised to 1648

N1-031648 : 23.122v530 **CR#**014r1, Motorola, **Type**: CR, **Title**: Clarification regarding use of RAT during background PLMN scanning

Discussion : No hopping was desired and the way to do this for Rel-6 will be investigated.

Conclusion : Postponed

N1-031502 : 24.008v620 **CR#**818, Siemens, **Type**: CR, **Title**: SM signalling in case tear down is requested

Discussion : It is clarified that if the tear down is requested all other active PDP contexts sharing the same PDP address as the PDP context associated with this specific TI shall be deactivated locally without peer to peer signalling.

Only the same PDP address, same PDP type and same APN should be the condition on secondary PDP contexts tear down.

Conclusion : Revised to 1649

N1-031649 : 24.008v620 **CR#**818r1, Siemens, **Type**: CR, **Title**: SM signalling in case tear down is requested

Discussion :

Conclusion : Agreed

N1-031503 : 44.065v610 **CR#**013, Siemens, **Type**: CR, **Title**: XID negotiation for IP compression

Discussion : It is clarified, that in case of a implicit PDP context deactivation without peer to peer signaling the NSAPI shall be removed implicitly from the Applicable NSAPIs of the corresponding header and data compression entities without any XID negotiation.

How is it possible to have the indication of the implicitly deactivation ? Remove the word implicitely. The call flows and primitives in 24.007 is not updated for a while and do not show the clearly local deactivation cases. This indication could be stated by an update to both 24.007 and 44.065 primitives. However only changes to 44.065 was requested. Another solution is to get rid of explicit XID deactivation as a whole, which needs more time to check out.

Conclusion : Revised to 1650

N1-031650 : 44.065v610 **CR#**013r1, Siemens, **Type**: CR, **Title**: XID negotiation for IP compression

Discussion :

Conclusion : Agreed

N1-031504 : 24.008v620 **CR#**819, Siemens, **Type**: CR, **Title**: Addition of multiple TBF capability flag to MS RAC IE

Discussion : A GERAN request to enable the MS to indicate to the network whether or not it supports multiple TBF procedures in A/Gb mode.

Conclusion : Agreed

N1-031505 : 24.008v620 **CR#**820, Siemens, **Type**: CR, **Title**: Order of frequency bands in MS Radio Access Capability IE

Discussion : The current definition in which order the radio access capabilities shall be included in the MS RAC IE if the alternative coding by using the Additional access technologies structure is chosen by the mobile station is in contradiction to the rule, that the MS shall provide the network with its radio access capabilities for the frequency bands it supports, in the same order of priority as specified by the network. As the possibility to specify the order is optional for the network the MS behavior needs to be defined for both cases.

What happens if a legacy terminal works with a new BSC applying priority? GERAN issue.

Conclusion : Agreed

N1-031508 : 24.008v620 **CR#**803r1, Siemens, **Type**: CR, **Title**: TFT error handling

Discussion : The error handling for TFT operations is defined in such a way that any kind of inconsistency between the TFT configuration stored in the network and the MS will result in an error when the MS requests a creation, deletion, or change of the TFT.

In case 3) should it be stated that it is a local PDP context deactivation. The semantic or syntax check should be done before cases 3) and 4), or reword the text somewhat. SGSN needs the explicit deactivation.

Conclusion : Revised to 1651

N1-031651 : 24.008v620 **CR#**803r2, Siemens, **Type**: CR, **Title**: TFT error handling

Discussion :

Conclusion : Agreed

N1-031516 : 24.008v620 **CR#**823, Nokia, **Type**: CR, **Title**: Correction of timer handling in diagram 4.7.7a

Discussion : Diagram 4.7.7a is corrected by replacing “start T3370” with “stop T3370” at reception of IDENTITY RESPONSE and replacing “start T3360” with “stop T3360” at reception of AUTHENTICATION & CIPHERING RESPONSE message.

Conclusion : Agreed

N1-031525 : 24.008v620 **CR#**826, Siemens, **Type**: CR, **Title**: Removal of codepoint for GTP ack mode

Discussion : Acknowledged GTP was removed from GPRS in R99 (see TS 03.60/23.060 and TS 09.60/29.060), because in practise it was not needed and not implemented. Only in TS 24.008 the codepoint for a reliability class involving acknowledged GTP was kept. To align with the other specifications, it is proposed to set the codepoint to 'unused' for sending protocol entities.

Conclusion : Agreed

N1-031526 : 44.065v610 **CR#**012, Siemens, **Type**: CR, **Title**: Disabling of ROHC segmentation

Discussion : ROHC provides a segmentation mechanism, but SNDCP already has its own mechanism to segment the output of the compressor functions to the maximum length of LL-PDUs. Since only one segmentation is needed, it is proposed to always disable the ROHC segmentation.

In terms of error handling it was proposed another way of showing the default in a table with normative note about MRRU.

Conclusion : Revised to 1652

N1-031652 : 44.065v610 **CR#**012r1, Siemens, **Type**: CR, **Title**: Disabling of ROHC segmentation

Discussion :

Conclusion : Agreed

N1-031528 : TeliaSonera, **Type**: DISCUSSION, **Title**: Broadcast multiple NMO in NAS system information

Discussion : Not available.

Conclusion : Withdrawn

N1-031529 : 24.008v620 **CR#**827, Nokia, **Type**: CR, **Title**: SSD and Signalling indication in QoS IE

Discussion : Currently 24.008 defines the relevancy of QoS attributes for each bearer traffic class (e.g. transfer delay, traffic handling priority and guaranteed bit rate). However when Source Statistics Descriptor and Signalling Indication attributes were introduced, similar restrictions were not specified. In order to avoid possible misinterpretation and to be in line with 23.107, it is proposed to clearly state the traffic classes which these two attributes are not valid for.

Change the WI from TEI5 to TEI6.

Conclusion : Agreed

N1-031546: 44.068v501 **CR#**004, Nortel, **Type**: CR, **Title**: Clarification of the muting and unmuting of the downlink

Discussion : Text is added to describe the function of muting and untmuting the downlink to the MS.

It was commented that 43.068 is stage 2 document and therefore the earlier CR which is referenced in reason for change was not about service description but architecture.

Conclusion : Agreed

N1-031572 : Ericsson, **Type**: WID, **Title**: WID: Support for subscriber certificates, stage 3

Discussion : This proposal does not elaborate further on any additions or changes to the work plan or WID structure, but proposes to include CN1-tasks into the CN-work item as it stands. It is assumed that the CN1 work can be complete at CN#24 in June 2004.

N1-031572 and N1-031587 are alternative WID proposals. Since CN4 should have the lead a delegate from that group is proposed as rapporteur, and this WID is proposed CN wide. Discussed that CN1 is partially responsibel on Ua, since it may become part of CN4.

Conclusion : Agreed

N1-031587 : Nokia, **Type**: WID, **Title**: Proposed WID: Support for subscriber certificates at UE - Network interfaces, stage 3

Discussion : Ua do not seem to be in the scope of CN1, but otherwise this WID is very similar to the one in 1572. This 1587 WID is proposed for CN1 only.

N1-031572 and N1-031587 are alternative WID proposals.

Conclusion : Rejected

N1-031588 : Nokia, **Type**: TS, **Title**: Bootstrapping TS skeleton

Discussion : Seems to be more than a skeleton, different content and little scope. Hanging paragraphs (magic word). Is Ua and Ub different specifications? The scope could be limiting to Ub. For a TR the copy of architecture figure etc. could be included, but for a TS only reference is appropriate.

Conclusion : Noted

N1-031598 : 24.007v510 **CR#**059, Vodafone, **Type**: CR, **Title**: Don't use SAPI to differentiate between messages of the same message type.

Discussion : Recent changes for SMS have revealed that the core network cannot rely on the UTRAN to separate messages according to the Layer 2 SAPI. This is especially true in the Uplink. However, since GSM release ['95], 04.07/24.007 has indicated that this separation can be used by the CN.

No reference to layer 1 SAPs should be made, but kept within layer 2. Removing the capability was seen risky regarding clash on RR level, but even if no clash the solution was not prefered.

Conclusion : Revised to 1653

N1-031653 : 24.007v510 **CR#**059r1, Vodafone, **Type**: CR, **Title**: Don't use SAPI to differentiate between messages of the same message type.

Discussion :

Conclusion : Agreed

N1-031599 : Motorola, **Type**: DISCUSSION, **Title**: Network Sharing: PLMN Selection, Routing and Radio Planning

Discussion :

Conclusion : Not treated due to time

9 LS OUT (output liaison statements)

N1-031606 : Richard/Samsung, **Type**: LS OUT , **To:** RAN2, **Cc:** SA2, RAN3, **Title**: Handling of MBMS UEs in RRC-connected, PMM-IDLE state

Discussion : Reply to 1409.

Conclusion : Agreed

N1-031607 : Georg/Nokia, **Type**: LS OUT , **To:** RAN3, **Cc:** RAN2, **Title**: Response to LS "Nature of SIP Signalling"

Discussion : Reply to 1412. SA2 has more or less the same outcome in their discussion, but time constraints makes a closer co-ordination difficult.

Conclusion : Agreed

N1-031608 : Robert/Siemens, **Type**: LS OUT,**To:** GERAN2, **Cc:** RAN2, **Title**: LS on Network indication of support of Inter-RAT Handover Info message size reduction

Discussion : Reply to 1417. The tone was not found correct as it was said it looked like the radio groups had not studied all possibilities. The chairman will contact the chairman of GERAN2 to inform that CN1 could not agree the CRs.

Conclusion : Rejected

N1-031610 : Gabor/Nokia, **Type**: LS OUT , **To:** SA5, **Cc:** CN4, **Title**: LS Reply on "Trace Management"

Discussion : Reply to 1420.

Conclusion : Agreed

N1-031611 : Keith/Lucent, **Type**: LS OUT , **To:** SA3, **Cc:** SA2, **Title**: LS on Introducing the Privacy Mechanism in Stage 2

Discussion : Reply to 1461. The change is that B2BUA and AS are replaced with a more generic term "SIP proxy".

Conclusion : Revised to 1728

N1-031728 : Keith/Lucent, **Type**: LS OUT , **To:** SA3, **Cc:** SA2, **Title**: LS on Introducing the Privacy Mechanism in Stage 2

Discussion :

Conclusion : Agreed

N1-031612 : Robert/Siemens, **Type**: LS OUT , **To:** SA3, **Cc:** GERAN2, **Title**: Reply LS on Special-RAND mechanism

Discussion : Reply to 1462.

Conclusion : Agreed

N1-031613 : Gabor/Nokia, **Type**: LS OUT , **To:** SA3, **Cc:** SA1, SA2, **Title**: The requirement and feasibility of IMS watcher authentication

Discussion : Reply to 1464. Requested to change ' any watchers to be authenticated in the IMS' to something about being authenticated to the Presence service. Clarify what IMS watcher means.

Conclusion : Revised to 1724

N1-031724 : Gabor/Nokia, **Type**: LS OUT , **To:** SA3, **Cc:** SA1, SA2, **Title**: The requirement and feasibility of IMS watcher authentication

Discussion :

Conclusion : Agreed

N1-031643 : Miguel/Ericsson, **Type**: LS OUT , **To:** CN3, SA5, **Cc:** , **Title**: LS on relaxing the requirement on usage of the SIP precondition extension

Discussion : Related to 1642. This is not needed since the related CR was not agreed.

Conclusion : Withdrawn

N1-031644 : Gabor/Nokia, **Type**: LS OUT , **To:** SA2, **Cc:** CN3, SA5, **Title**: LS "Questions on the possibility to not use Preconditions in Release 5"

Discussion : Related to 1455, 1538 and 1549. Which agreed solution is refered to ? Await the CR handling before concluding here. Proposed to send the LS regardless of CR agreement or not. Rewording requested No requirement on PoC should be made here. Precondition related to charging was questioned.

Conclusion : Revised to 1725

N1-031725 : Gabor/Nokia, **Type**: LS OUT , **To:** SA2, **Cc:** CN3, SA5, **Title**: LS "Questions on the possibility to not use Preconditions in Release 5"

Discussion : Related to 1455, 1538 and 1549.

Conclusion : Agreed

N1-031690 : Christian/Ericsson, **Type**: LS OUT , **To:** SA1, SA2, **Cc:** T3, **Title**: LS on WLAN requirements

Discussion : Related to WLAN.

Conclusion : Agreed

N1-031699 : Christian/Ericsson, **Type**: LS OUT , **To:** IETF, **Cc:** , **Title**: LS on WLAN requirements

Discussion : Related to WLAN. Not available.

Conclusion : Withdrawn

10 Late and misplaced documents

This agenda item is for the chairmans temporary placement during the meeting, while in this document those not handled are mostly marked 'Not treated due to time' as conclusion and then painted yellow, but could also be concluded with 'Not available' and then painted light blue.

11 Any Other Business (AOB)

None provided.

12 Closing of the meeting

15:30 Friday 31.10.2003

Review of dates and hosts for future meetings

Meeting in both January and April are mentioned as well as only one of them or none. Changes in IETF could point towards having a April meeting only. It was mentioned that January was needed for proper meeting time discussions. Another issue is the increased WIDs coming in requires more meetings to finnish for June 2004 with Rel-6. It was questioned that Rel-6 was for June, since no decisions are made yet. January meeting scope is for Rel-6 issues under CN1 control (WIs list is MBMS, Presence, IMS2, WLAN, Nshare, Subscriber certificate, Emergency calls) plus related LSs coming in. It was agreed to have the CN1#32bis January meeting and wait with decision on an April extra meeting. Proposal to start that meeting on Monday 26.January.

Meeting schedule for CN1 in 2003 and 2004

3GPP Meeting	Date	Place	Host
N1#28	10 – 14 February 2003	Dublin, Irland	EF3 (European friends of 3GPP)
TSGN #19	**12 – 14 March 2003**	**Birmingham, UK**	**UK Friends of 3GPP**
N1#29	31 march – 04 April 2003	Sophia Antipolis, France	ETSI
N1#30	19 – 23 May 2003	San Diego, USA	NA 'Friends of 3GPP'
TSGN #20	**4 – 6 June 2003**	**Hameenlinna, Finland**	**Nokia**
June or July (Accelerate CN1 work on MBMS), this is conditional to SA2 deciding on the principles for CN1 to build on. 25-26 June 2003 (Cancelled)	CN1 MBMS ad hoc	UK?	Three
N1#31	25 – 29 August 2003	Sophia Antipolis, France	ETSI
TSGN #21	**17 – 19 September 2003**	**Frankfurt, Germany**	**Siemens**
N1#32	27 – 31 October 2003	Bangkok, Thailand	Japanese Friends of 3GPP
TSGN #22	**10 – 12 December 2003**	**Hawaii, USA**	**North American & Japanese**

			Friends of 3GPP
N1#32bis CN1 Rel-6 meeting on WIs (IMS2, PRESNC, WLAN, MBMS, NTShar, Subscr.certificate, IMS emerg.calls), LSs in Rel-6 area	26 or 27 – 29 January 2004	Sophia Antipolis, France	ETSI
N1#33	16 – 20 Feb. 2004	Atlanta, USA	NA 'Friends of 3GPP'
TSGN #23	**10 - 12 Mar 2004**	**Phoenix, USA**	**NA 'Friends of 3GPP'**
N1#34	10-14 May 2004	Zagreb, Croatia	EF3
TSGN #24	**2 - 4 Jun 2004**	**Seoul, Korea**	**TTA**
N1#35	16 – 20 August	Sophia Antipolis, France	ETSI
TSGN #25	**8 - 10 Sep 2004**	**Palm Springs, US**	**NA 'Friends of 3GPP'**
N1#36	15 – 19 Nov 2004	Asia	?
TSGN #26	**08 -10 Dec 2004**	**Athens, Greece**	**?**

Annex A Joint meeting report with none

Please see section 5.1 if any joint meeting has taken place.

Annex B List of participants (36)

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Annex C Agreed CRs (71)

Status	TDoc #	Spec	CR #	Rev	CAT	Tdoc Title	C_Version	Type	WI	Rel
AGREED	N1-031523	04.08	A1143		F	Correction of MS network capability IE	7.20.1	CR	TEI	R98
AGREED	N1-031509	23.009	100		F	Correcting a mistake in previously approved category A of its Rel99 category F CR 091 Rev 1 in NP-030041	4.8.0	CR	GSM/UMTS interworking	Rel-4
AGREED	N1-031510	23.009	101		A	Correcting a mistake in previously approved category A of its Rel99 category F CR 091 Rev 1 in NP-030041	5.6.0	CR	GSM/UMTS interworking	Rel-5
AGREED	N1-031630	23.218	053	3	F	Flow number corrections in Annex B	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031468	23.218	059		F	Corrections on charging specification number	5.6.0	CR	IMS2	Rel-6
AGREED	N1-031653	24.007	059	1	F	Don't use SAPI to differentiate between messages of the same message type.	5.1.0	CR	TEI6	Rel-6
AGREED	N1-031651	24.008	803	2	F	TFT error handling	6.2.0	CR	TEI6	Rel-6
AGREED	N1-031390	24.008	816		C	ePLMN list extension	6.2.0	CR	TEI6	Rel-6
AGREED	N1-031649	24.008	818	1	F	SM signalling in case tear down is requested	6.2.0	CR	TEI6	Rel-6
AGREED	N1-031504	24.008	819		F	Addition of multiple TBF capability flag to MS RAC IE	6.2.0	CR	MULTBF-Agbmode	Rel-6
AGREED	N1-031505	24.008	820		F	Order of frequency bands in MS Radio Access Capability IE	6.2.0	CR	TEI6	Rel-6
AGREED	N1-031506	24.008	821		F	Correction to the Multislot Power Profile Classes	5.9.0	CR	TEI5	Rel-5
AGREED	N1-031507	24.008	822		A	Correction to the Multislot	6.2.0	CR	TEI5	Rel-

						Power Profile Classes				6
AGREED	N1-031516	24.008	823		D	Correction of timer handling in diagram 4.7.7a	6.2.0	CR	TEI6	Rel-6
AGREED	N1-031525	24.008	826		F	Removal of codepoint for GTP ack mode	6.2.0	CR	TEI6	Rel-6
AGREED	N1-031529	24.008	827		F	SSD and Signalling indication in QoS IE	6.2.0	CR	TEI6	Rel-6
AGREED	N1-031446	24.228	119		F	Correction to description or RES/XRES usage	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031638	24.228	120	1	F	'Roaming' word and CS-O sessions	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031639	24.228	121	1	F	Corrections regarding SDP handling	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031487	24.228	122		F	Correction of reregistration flow	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031620	24.228	123	1	F	Correction of flow in 6.9.3	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031708	24.228	124	1	F	Corrections to the P-Access-Network-Info header (Part 1)	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031709	24.228	125	1	F	Corrections to the P-Access-Network-Info header (Part 2)	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031358	24.229	485	1	F	INVITE dialog amendments in profile	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031627	24.229	487	1	F	Registration amendments in profile	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031351	24.229	489		F	Privacy considerations for the UE	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031359	24.229	493		A	INVITE dialog amendments in profile	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031375	24.229	494		F	Correction of I-CSCF handling of multiple private user identities with same public user identity	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031631	24.229	495	1	F	P-Asserted-Identity in SUBSCRIBE requests	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031632	24.229	496	1	A	P-Asserted-Identity in SUBSCRIBE requests	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031378	24.229	497		F	Addition of reference to Gq interface	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031719	24.229	502	2	F	Update of HSS information at deregistration	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031720	24.229	503	2	A	Update of HSS information at deregistration	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031392	24.229	507		F	Unavailable definitions	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031393	24.229	508		F	Reference corrections	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031394	24.229	509		A	Reference corrections	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031682	24.229	510	1	F	UICC related changes for IMS commonality and interoperability	6.0.0	CR	IMSCOOP	Rel-6
AGREED	N1-031427	24.229	511		D	Interoperability and commonality; definition of scope	6.0.0	CR	IMSCOOP	Rel-6
AGREED	N1-031428	24.229	512		D	Interoperability and commonality; addition of terminology	6.0.0	CR	IMSCOOP	Rel-6
AGREED	N1-031429	24.229	513		D	Interoperability and commonality; media grouping	6.0.0	CR	IMSCOOP	Rel-6

AGREED	N1-031431	24.229	515		B	Interoperability and commonality; charging information	6.0.0	CR	IMSCOOP	Rel-6
AGREED	N1-031681	24.229	518	1	B	Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031439	24.229	519		B	Profile support of RFC 3581: An Extension to the Session Initiation Protocol (SIP) for Symmetric Response Routing	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031684	24.229	522	1	D	Clause 9 restructuring	6.0.0	CR	IMSCOOP	Rel-6
AGREED	N1-031711	24.229	523	2	F	Correct use of RAND during re-synchronisation failures	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031712	24.229	524	2	A	Correct use of RAND during re-synchronisation failures	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031616	24.229	525	1	F	Correction to description or RES/XRES usage	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031617	24.229	526	1	A	Correction to description or RES/XRES usage	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031469	24.229	529		F	Corrections on charging specification number	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031640	24.229	530	2	F	Corrections on ICID for REGISTER	5.6.0	CR	IMS - CCR	Rel-5
AGREED	N1-031641	24.229	531	2	A	Corrections on ICID for REGISTER	6.0.0	CR	IMS - CCR	Rel-6
AGREED	N1-031618	24.229	542	1	F	Correction of user initiated re-registration	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031619	24.229	543	1	A	Correction of user initiated re-registration	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031621	24.229	550	1	F	IMS trust domain in Rel 5	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031622	24.229	551	1	C	IMS trust domain in Rel 6	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031623	24.229	555	1	F	P-CSCF and UE handling of Security Associations	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031624	24.229	556	1	A	P-CSCF and UE handling of Security Associations	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031727	24.229	560	2	B	SDP offer handling in SIP responses in S-CSCF and P-CSCF	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031705	24.229	564	1	F	SIP compression	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031579	24.229	565		F	Sending challenge	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031580	24.229	566		A	Sending challenge	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031715	24.229	567	2	F	Reg-await-auth timer value	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031716	24.229	568	2	A	Reg-await-auth timer value	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031706	24.229	570	1	F	Network initiated deregistration	5.6.0	CR	IMS-CCR	Rel-5
AGREED	N1-031707	24.229	571	1	A	Network initiated deregistration	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-031589	24.229	572		D	Text harmonisation with 3GPP2	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031680	24.229	573	1	B	Procedures in the absence of UICC	6.0.0	CR	IMS2	Rel-6
AGREED	N1-031683	24.229	575	1	D	P-Access-Network-Info	6.0.0	CR	IMS2	Rel-

						changes				6
AGREED	N1-031652	44.065	012	1	F	Disabling of ROHC segmentation	6.1.0	CR	TEI6	Rel-6
AGREED	N1-031650	44.065	013	1	F	XID negotiation for IP compression	6.1.0	CR	TEI6	Rel-6
AGREED	N1-031546	44.068	004		C	Clarification of the muting and unmuting of the downlink	5.0.1	CR	TEI6	Rel-6

CRs for e-mail agreement

None

Documents Endorsed by N1

None

Annex D Tdoc list (incl. the status)(391)

Agenda	TDoc #	Tdoc Title	Source	Spec	CR #	Rev	WI	C_Version	Rel	CAT	Type	Comments	Status
	N1-031337	Bangkok0310	Chairman								AGENDA		AGREED
	N1-031338	DRAFT MEETING REPORT, 3GPP TSG-CN#21	MCC								REPORT		NOTED
	N1-031339	Draft Report for TSG SA meeting #21	MCC								REPORT		NOTED
	N1-031340	CN1 specification responsibility list after plenary#21	MCC								LIST		NOTED
	N1-031341	Latest workplan for review	MCC								WORK PLAN		REVISED TO 1710
.	N1-031342	Summary of current IETF documents on SIPPING	Lucent Technologies / Keith Drage				IMS-CCR				INFO		NOTED
.	N1-031343	Summary of current IETF documents on SIP	Lucent Technologies / Keith Drage				IMS-CCR				INFO		NOTED
.	N1-031344	Summary of current IETF documents on MMUSIC	Lucent Technologies / Keith Drage				IMS-CCR				INFO		NOTED
.	N1-031345	Registration amendments in profile	Lucent Technologies / Keith Drage	24.229	484	1	IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED

.	N1-031346	Registration amendments in profile	Lucent Technologies / Keith Drage	24.229	487		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1627
.	N1-031347	Discussion on the use of privacy in release 5 IM CN subsystem	Lucent Technologies / Keith Drage				IMS-CCR		Rel-5		DISC		NOTED
.	N1-031348	Completion of major capabilities table in respect of privacy	Lucent Technologies / Keith Drage	24.229	367	3	IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1628
.	N1-031349	Completion of major capabilities table in respect of privacy	Lucent Technologies / Keith Drage	24.229	488		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1629
.	N1-031350	Privacy considerations for the UE	Lucent Technologies / Keith Drage	24.229	420	2	IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031351	Privacy considerations for the UE	Lucent Technologies / Keith Drage	24.229	489		IMS-CCR	6.0.0	Rel-6	F	CR		AGREED
.	N1-031352	Charging references in 4.1	Lucent Technologies / Keith Drage	24.229	432	2	IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031353	Charging references in 4.1	Lucent Technologies / Keith Drage	24.229	490		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031354	Compression procedure tidyup	Lucent Technologies / Keith Drage	24.229	435	2	IMS-CCR	5.6.0	Rel-5	F	CR		WITHDRAWN
.	N1-031355	Compression procedure tidyup	Lucent Technologies / Keith Drage	24.229	491		IMS-CCR	6.0.0	Rel-6	A	CR		WITHDRAWN
.	N1-031356	MGCF procedure tidyup	Lucent Technologies / Keith Drage	24.229	433	2	IMS-CCR	5.6.0	Rel-5	F	CR		WITHDRAWN
.	N1-031357	MGCF procedure tidyup	Lucent Technologies / Keith Drage	24.229	492		IMS-CCR	6.0.0	Rel-6	A	CR		WITHDRAWN
.	N1-	INVITE dialog amendments	Lucent	24.229	485	1	IMS-	5.6.0	Rel-5	F	CR		AGREED

	031358	in profile	Technologies / Keith Drage				CCR						
.	N1-031359	INVITE dialog amendments in profile	Lucent Technologies / Keith Drage	24.229	493		IMS-CCR	6.0.0	Rel-6	A	CR		AGREED
.	N1-031360	Flow number corrections in Annex B	Lucent Technologies / Keith Drage	23.218	053	2	IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1630
.	N1-031361	Minor terminology corrections	Lucent Technologies / Keith Drage	23.218	054	2	IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031362	Summary of current IETF documents on SIMPLE	Lucent Technologies / Keith Drage				PRESNC		Rel-6		INFO		NOTED
.	N1-031363	Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.1	Rel-6		TR		NOTED
.	N1-031364	Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		TR		NOTED
.	N1-031365	Draft 3GPP TS 24.141 "Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3"	Lucent Technologies / Keith Drage	24.141			PRESNC	0.1.0	Rel-6		TS		NOTED
.	N1-031366	CR to 24.141: Editorial corrections to framework	Lucent Technologies / Keith Drage	24.141			PRESNC	0.1.0	Rel-6		CR		AGREED
.	N1-031367	Presence WID open issues list	Lucent Technologies / Keith Drage				PRESNC		Rel-6		INFO		NOTED
.	N1-031368	Revisions resulting from issue of draft-ietf-sip-publish-00	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		CR		AGREED
.	N1-031369	Summary of current IETF documents on XCON	Lucent Technologies / Keith Drage				IMS2		Rel-6		INFO		NOTED
. .	N1-031370	CR to 29.847: Editorial comments	Lucent Technolo	29.847			IMS2	1.0.0	Rel-6		CR		AGREED

			gies / Keith Drage										
. .	N1-031371	CR to 24.847: Editorial changes to Annex A	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031372	CR to 29.847: Correction of text regarding MRFC/AS relationship	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031373	CR to 29.847: Conference mixer clarifications	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031374	CR to 29.847: Definitions	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031375	Correction of I-CSCF handling of multiple private user identities with same public user identity	Lucent Technologies / Keith Drage	24.229	494		IMS2	6.0.0	Rel-6	F	CR		AGREED
.	N1-031376	P-Asserted-Identity in SUBSCRIBE requests	Lucent Technologies / Keith Drage	24.229	495		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1631
.	N1-031377	P-Asserted-Identity in SUBSCRIBE requests	Lucent Technologies / Keith Drage	24.229	496		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1632
. .	N1-031378	Addition of reference to Gq interface	Lucent Technologies / Keith Drage	24.229	497		IMS2	6.0.0	Rel-6	F	CR		AGREED
.	N1-031379	P-CSCF integrity protection	Lucent Technologies / Keith Drage	24.229	498		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1633
.	N1-031380	P-CSCF integrity protection	Lucent Technologies / Keith Drage	24.229	499		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1634
. .	N1-031381	CR to 29.847: Removal of duplicate requirements to 24.229	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1664
. .	N1-031382	CR to 24.847: Adoption of terminology for IMSCOOP	Lucent Technologies /	29.847			IMS2	1.0.0	Rel-6		CR		AGREED

			Keith Drage										
. .	N1-031383	CR to 29.847: Inclusion of normative references to 3GPP TS 24.229	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
.	N1-031384	Definition of 'c=' line in SDP	Orange	24.229	500		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031385	Definition of 'c=' line in SDP	Orange	24.229	501		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031386	Update of HSS information at deregistration	Orange	24.229	502		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1635
.	N1-031387	Update of HSS information at deregistration	Orange	24.229	503		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1636
.	N1-031388	Check that IMPU is registered	Orange	24.229	504		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031389	Check that IMPU is registered	Orange	24.229	505		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031390	ePLMN list extension	T-Mobile	24.008	816		TEI6	6.2.0	Rel-6	C	CR		AGREED
.	N1-031391	Unavailable definitions	Lucent Technologies / Keith Drage	24.229	506		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031392	Unavailable definitions	Lucent Technologies / Keith Drage	24.229	507		IMS-CCR	6.0.0	Rel-6	F	CR		AGREED
.	N1-031393	Reference corrections	Lucent Technologies / Keith Drage	24.229	508		IMS-CCR	5.6.0	Rel-5	F	CR		AGREED
.	N1-031394	Reference corrections	Lucent Technologies / Keith Drage	24.229	509		IMS-CCR	6.0.0	Rel-6	A	CR		AGREED
.	N1-031395	CR to 24.841: Editorial corrections	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		CR		AGREED
.	N1-031396	CR to 24.234: Changes to subclause 1 (Scope)	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR		REVISED TO 1685
.	N1-031397	CR to 24.234: Changes to subclause 4.1	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR		REVISED TO 1686
.	N1-031398	CR to 24.234: Changes to subclause 5.2 (3GPP WLAN AN selection)	Lucent Technologies / Keith	24.234			WLAN	0.1.0	Rel-6		CR		REVISED TO 1687

			Drage										
.	N1-031399	CR to 24.234: Use of I-WLAN terminology	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR		REVISED TO 1691
.	N1-031400	CR to 24.234: Changes to subclause 4.2 (WLAN UE identities)	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR		REVISED TO 1692
	N1-031401	Reply LS on Network Sharing in GERAN	GERAN2								LS IN	GP-032259, To: SA2, Cc: RAN2, CN1, SA1,	NOTED
	N1-031402	LS on <Order of frequency bands in MS Radio Access Capability IE>	GERAN2								LS IN	GP-032260, To: CN1, Cc: ,	NOTED
	N1-031403	LS Response on Stage 3 level specification directions for support for subscriber certificate work item	CN4								LS IN	N4-031061, To: SA3, CN1, Cc: ,	NOTED
	N1-031404	Reply LS on P-TMSI signature validation functionality in R99	CN4								LS IN	N4-031063, To: SA2, Cc: CN1,	NOTED
	N1-031405	Re: LS Response to "Inclusion of IMS Signalling Indicator in S-CDR"	GSMA CPWP								LS IN	BARG Doc 226/03, To: SA2, Cc: CN4, CN1, SA1, GSMA TADIG,	NOTED
	N1-031406	LS on DNS domains used in 3GPP TS 23.003	3GPP TSG CN								LS IN	NP-030440, To: GSMA IREG, Cc: CN1, CN4,	NOTED
	N1-031407	LS on Call set-up delay reduction in GSM	RAN2								LS IN	R2-031969, To: GERAN2, Cc: CN1,	NOTED
	N1-031408	Reply LS on further guidance for Network Sharing in Rel-6	RAN2								LS IN	R2-032046, To: SA2, SA1, Cc: GERAN, CN1,	NOTED
	N1-031409	Handling of MBMS UEs in RRC-connected, PMM-IDLE state	RAN2								LS IN	R2-032282, To: CN1, SA2, RAN3, Cc: ,	LS OUT in 1606
	N1-031410	Response on “Work following the joint SA2/RAN2/CN1 meeting on paging”	RAN3								LS IN	R3-031236, To: SA2, Cc: RAN2, CN1,	NOTED
	N1-	LS Response on a new	RAN3								LS IN	R3-031240,	NOTED

	031411	question about RAN assumption										To: SA2, Cc: RAN2, CN1,	
	N1-031412	Nature of SIP Signalling	RAN3								LS IN	R3-031245, To: SA2, CN1, Cc: RAN2,	LS OUT in 1607
	N1-031413	LS on identified NAS/AS issue for Shared networks in connected mode	RAN3								LS IN	R3-031252, To: SA2, CN1, Cc: ,	POSTPONED to next CN1 meeting
	N1-031414	LS on “Update of WID on MBMS"	SA4								LS IN	S4-030670, To: SA1, Cc: SA2, SA3, SA5, RAN2, RAN3, GERAN1, GERAN2, CN1,	NOTED
	N1-031415	LS on principles for overlapping issues with OMA regarding PoC	3GPP TSG SA								LS IN	SP-030530, To: OMA REQ WG, OMA POC WG, Cc: SA1, SA2, CN1, CN3, CN4,	NOTED
	N1-031416	LS response to SA2 on UE Tunnelling	T2								LS IN	T2-030516, To: SA2, Cc: CN1, SA3,	NOTED
	N1-031417	LS on Call set-up delay reduction in GSM	GERAN2								LS IN	GP-030569, To: CN1, Cc: RAN2,	LS OUT in 1608
	N1-031418	Reply to LS on Service Id needs in the Access	GERAN2								LS IN	G2-030566, To: SA2, Cc: RAN2, CN1,	NOTED
	N1-031419	LS on < Addition of multiple TBF capability flag to MS RAC IE >	GERAN2								LS IN	GP-030565, To: CN1, Cc: ,	NOTED
	N1-031420	LS Reply on “Trace Management”	SA5								LS IN	S5-032644, To: CN1, CN4, Cc: ,	LS OUT in 1610
.	N1-031421	TR 29.846: MBMS General update	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR		REVISED TO 1654
.	N1-031422	TR 29.846: MBMS Session management	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR		REVISED TO 1655
.	N1-031423	TR 29.846: MBMS Multicast Service Activation update	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR		REVISED TO 1656
.	N1-031424	TR 29.846: MBMS Multicast Service Deactivation	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR		REVISED TO 1657
.	N1-	Removing other users from	Siemens	29.847			IMS2	1.0.0	Rel-6		CR		REVISED

.	031425	a conference	AG										TO 1665
.	N1-031426	UICC related changes for IMS commonality and interoperability	Qualcomm	24.229	510		IMSCOOP	6.0.0	Rel-6	B	CR		REVISED TO 1682
.	N1-031427	Interoperability and commonality; definition of scope	Qualcomm	24.229	511		IMSCOOP	6.0.0	Rel-6	D	CR		AGREED
.	N1-031428	Interoperability and commonality; addition of terminology	Qualcomm	24.229	512		IMSCOOP	6.0.0	Rel-6	D	CR		AGREED
.	N1-031429	Interoperability and commonality; media grouping	Qualcomm	24.229	513		IMSCOOP	6.0.0	Rel-6	D	CR		AGREED
.	N1-031430	Interoperability and commonality; access network information	Qualcomm	24.229	514		IMSCOOP	6.0.0	Rel-6	D	CR		REJECTED
.	N1-031431	Interoperability and commonality; charging information	Qualcomm	24.229	515		IMSCOOP	6.0.0	Rel-6	B	CR		AGREED
.	N1-031432	Use of DNS SRV	Lucent Technologies / Keith Drage	24.229	516		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031433	Use of DNS SRV	Lucent Technologies / Keith Drage	24.229	517		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031434	CR to 24.841: Definitions	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		CR		AGREED
.	N1-031435	CR to 24.841: Inclusion of normative references to 3GPP TS 24.229	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		CR		AGREED
. .	N1-031436	An analysis of the requirements of the Reason header	Lucent Technologies / Keith Drage				IMS2				DISC		NOTED
. .	N1-031437	Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol	Lucent Technologies / Keith Drage	24.229	518		IMS2	6.0.0	Rel-6	B	CR		REVISED TO 1681
. .	N1-031438	CR to 24.841: Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		CR		AGREED
. .	N1-031439	Profile support of RFC 3581: An Extension to the Session Initiation Protocol (SIP) for Symmetric Response Routing	Lucent Technologies / Keith Drage	24.229	519		IMS2	6.0.0	Rel-6	B	CR		AGREED
.	N1-	P-Charging-Vector header	Lucent	24.229	520		IMS-	5.6.0	Rel-5	F	CR		REJECTE

	031440		Technologies / Milo Orsic				CCR						D
.	N1-031441	P-Charging-Vector header	Lucent Technologies / Milo Orsic	24.229	521		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031442	Clause 9 restructuring	Lucent Technologies / Milo Orsic	24.229	522		IMSCOOP	6.0.0	Rel-6	F	CR		REVISED TO 1684
.	N1-031443	NSAPI to LLC-SAPI mapping	Ericsson LM								DISC		NOTED
.	N1-031444	Correct use of RAND during re-synchronisation failures	3	24.229	523		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1614
.	N1-031445	Correct use of RAND during re-synchronisation failures	3	24.229	524		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1615
.	N1-031446	Correction to description or RES/XRES usage	3	24.228	119		IMS-CCR	5.6.0	Rel-5	F	CR		AGREED
.	N1-031447	Correction to description or RES/XRES usage	3	24.229	525		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1616
.	N1-031448	Correction to description or RES/XRES usage	3	24.229	526		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1617
.	N1-031449	Introduction of TMGI into MBMS TR	3	29.846			MBMS	0.2.0	Rel-6		CR		WITHDRAWN
.	N1-031450	MBMS Definitions and Abbreviations	3	29.846			MBMS	0.2.0	Rel-6		CR		NOTED
.	N1-031451	MBMS Service Continuity and Mobility	3	29.846			MBMS	0.2.0	Rel-6		CR		REVISED TO 1658
.	N1-031452	MBMS Data Transfer	3	29.846			MBMS	0.2.0	Rel-6		CR		REVISED TO 1659
.	N1-031453	MBMS Information Storage	3	29.846			MBMS	0.2.0	Rel-6		CR		REVISED TO 1660
.	N1-031454	MBMS Interaction With Other Features	3	29.846			MBMS	0.2.0	Rel-6		CR		REJECTED
.	N1-031455	Network check on Precondition	Orange	24.229	527		IMS-CCR	5.6.0	Rel-5	F	CR		POSTPONED
.	N1-031456	Network check on Precondition	Orange	24.229	528		IMS-CCR-IWIP	6.0.0	Rel-6	C	CR		REJECTED
.	N1-031457	'Roaming' word and CS-O sessions	Orange	24.228	120		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1638
.	N1-031458	Corrections regarding SDP handling	Orange	24.228	121		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1639
	N1-031459	Liaison statement on IMS AKA: UE populating RAND and AUTN parameters in responding to challenge	SA3								LS IN	S3-030616, To: CN1, CN4, Cc: ,	NOTED
	N1-031460	LS Response on “new interface names”	SA3								LS IN	S3-030635, To: CN1, CN4, SA2, Cc: SA5,	NOTED
	N1-031461	Introducing the Privacy Mechanism in Stage 2	SA3								LS IN	S3-030649, To: SA2, Cc: CN1,	LS OUT in 1611
	N1-031462	LS on Special-RAND mechanism	SA3								LS IN	S3-030652, To: CN1, CN4,	LS OUT in 1612

												GERAN2, Cc: T2,	
	N1-031463	LS response to Stage 2 requirements for subscriber certificate work item	SA3								LS IN	S3-030653, To: CN1, CN4, Cc: ,	NOTED
	N1-031464	The requirement and feasibility of IMS watcher authentication	SA3								LS IN	S3-030654, To: SA1, SA2, CN1, Cc: ,	LS OUT in 1613
.	N1-031465	CN impacts of Network Sharing in Rel-6	TeliaSonera				NTShar		Rel-6		DISC		Not treated
.	N1-031466	Proposed WID for Network Sharing stage 3	TeliaSonera				NTShar		Rel-6		WID	Not presented.	REVISED TO 1609
.	N1-031467	Clarification regarding use of RAT during background PLMN scanning	Motorola	23.122	062		TEI6	5.3.0	Rel-6	F	CR		REVISED TO 1648
. .	N1-031468	Corrections on charging specification number	NEC/Yukio Kawanami	23.218	059		IMS2	5.6.0	Rel-6	F	CR		AGREED
. .	N1-031469	Corrections on charging specification number	NEC/Yukio Kawanami	24.229	529		IMS2	6.0.0	Rel-6	F	CR		AGREED
.	N1-031470	Corrections on ICID for REGISTER	NEC/Yukio Kawanami	24.229	530		IMS - CCR	5.6.0	Rel-5	F	CR	Not presented.	REVISED TO 1602
.	N1-031471	Corrections on ICID for REGISTER	NEC/Yukio Kawanami	24.229	531		IMS - CCR	6.0.0	Rel-6	A	CR	Not presented.	REVISED TO 1603
.	N1-031472	Corrections on forking	NEC/Yukio Kawanami	24.229	532		IMS - CCR	5.6.0	Rel-5	F	CR		REJECTED
. .	N1-031473	Additional clarifications for forking	NEC/Yukio Kawanami	24.229	533		IMS2	6.0.0	Rel-6	F	CR		POSTPONED
.	N1-031474	Corrections on IOI definition	NEC/Yukio Kawanami	24.229	534		IMS - CCR	5.6.0	Rel-5	F	CR		REVISED TO 1700
.	N1-031475	Corrections on IOI definition	NEC/Yukio Kawanami	24.229	535		IMS - CCR	6.0.0	Rel-6	A	CR		REVISED TO 1701
.	N1-031476	Corrections on the indicator for originating/terminating case	NEC/Yukio Kawanami	24.229	536		IMS - CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031477	Corrections on the indicator for originating/terminating case	NEC/Yukio Kawanami	24.229	537		IMS - CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031478	Corrections on requests terminated by the S-CSCF	NEC/Yukio Kawanam	24.229	538		IMS - CCR	5.6.0	Rel-5	F	CR	Not presented.	REVISED TO 1604

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.	N1-031479	Corrections on requests terminated by the S-CSCF	NEC/Yukio Kawanami	24.229	539		IMS-CCR	6.0.0	Rel-6	A	CR	Not presented.	REVISED TO 1605
.	N1-031480	Corrections on Via header	NEC/Yukio Kawanami	24.229	540		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031481	Corrections on Via header	NEC/Yukio Kawanami	24.229	541		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031482	Proposed several changes in TR24.841	NEC/Yukio Kawanami	24.841			PRESNC	1.1.2	Rel-6		CR		REVISED TO 1662
. .	N1-031483	Proposed several changes in TR29.847	NEC/Yukio Kawanami	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1667
. .	N1-031484	Revised WID on IMS Stage 3 Enhancements	NEC/Yukio Kawanami				IMS2				WID		NOTED
.	N1-031485	Correction of user initiated re-registration	Siemens, Nokia	24.229	542		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1618
.	N1-031486	Correction of user initiated re-registration	Siemens, Nokia	24.229	543		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1619
.	N1-031487	Correction of reregistration flow	Siemens	24.228	122		IMS-CCR	5.6.0	Rel-5	F	CR		AGREED
.	N1-031488	Correction of flow in 6.9.3	Siemens	24.228	123		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1620
. .	N1-031489	Update of flows (Security-Verify, P-Charging-Vector)	Siemens	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1668
. .	N1-031490	Correction of wording in authorization procedure	Siemens	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031491	Conferencing AS vs. conference focus	Siemens	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1669
.	N1-031492	Correction of Profile Table for PUBLISH	Siemens	24.841			PRSNC	1.1.2	Rel-6		CR		REVISED TO 1661
.	N1-031493	MBMS TR version 0.2.0	3	29.846			MBMS	0.2.0	Rel-6		TR		NOTED
.	N1-031494	Use of the Radio Access Technology (RAT) during background scanning	O2								DISC		NOTED
.	N1-031495	Clarification on the use of the RAT during background scanning	O2	23.122	063		TEI	3.10.0	R99	F	CR		POSTPONED
.	N1-031496	Clarification on the use of the RAT during background scanning	O2	23.122	064		TEI	4.4.0	Rel-4	A	CR		POSTPONED
.	N1-031497	Clarification on the use of the RAT during background scanning	O2	23.122	065		TEI	5.3.0	Rel-5	A	CR	Not presented.	REVISED TO 1689
.	N1-031498	WLAN capability IE in MS Network Capability.	InterDigitalCommuni	24.008	817		WLAN	6.2.0	Rel-6	B	CR		REJECTED

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.	N1-031499	SDP parameters necessary for charging	Orange	24.229	544		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031500	SDP parameters necessary for charging	Orange	24.229	545		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031501	Idle mode functions in RRC connected mode	Motorola	23.122	066		TEI	3.10.0	R99	F	CR		Not treated
.	N1-031502	SM signalling in case tear down is requested	Siemens AG	24.008	818		TEI6	6.2.0	Rel-6	F	CR		REVISED TO 1649
.	N1-031503	XID negotiation for IP compression	Siemens AG	44.065	013		TEI6	6.1.0	Rel-6	F	CR		REVISED TO 1650
.	N1-031504	Addition of multiple TBF capability flag to MS RAC IE	Siemens AG	24.008	819		MULTBF-Agbmode	6.2.0	Rel-6	F	CR		AGREED
.	N1-031505	Order of frequency bands in MS Radio Access Capability IE	Siemens AG	24.008	820		TEI6	6.2.0	Rel-6	F	CR		AGREED
.	N1-031506	Correction to the Multislot Power Profile Classes	Siemens AG	24.008	821		TEI5	5.9.0	Rel-5	F	CR		AGREED
.	N1-031507	Correction to the Multislot Power Profile Classes	Siemens AG	24.008	822		TEI5	6.2.0	Rel-6	A	CR		AGREED
.	N1-031508	TFT error handling	Siemens AG	24.008	803	1	TEI6	6.2.0	Rel-6	F	CR		REVISED TO 1651
.	N1-031509	Correcting a mistake in previously approved category A of its Rel99 category F CR 091 Rev 1 in NP-030041	Ericsson	23.009	100		GSM/UMTS interworking	4.8.0	Rel-4	F	CR		AGREED
.	N1-031510	Correcting a mistake in previously approved category A of its Rel99 category F CR 091 Rev 1 in NP-030041	Ericsson	23.009	101		GSM/UMTS interworking	5.6.0	Rel-5	A	CR		AGREED
.	N1-031511	Correction on the service key definition	NEC/Yukio Kawanami	23.218	060		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031512	Corrections on the charging procedure	NEC/Yukio Kawanami	23.218	061		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
. .	N1-031513	Additional clarifications on charging for forking	NEC/Yukio Kawanami	23.218	062		IMS2	5.6.0	Rel-6	B	CR		POSTPONED
.	N1-031514	Corrections on P-Charging-Function adrress related procedure	NEC/Yukio Kawanami	24.229	546		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031515	Corrections on P-Charging-Function adrress related procedure	NEC/Yukio Kawanami	24.229	547		IMS-CCR	6.0.0	Rel-6	A	CR		POSTPONED
.	N1-031516	Correction of timer handling in diagram 4.7.7a	Nokia	24.008	823		TEI6	6.2.0	Rel-6		CR		AGREED
.	N1-031517	PFI correction	Nokia	04.65	A076		TEI	8.2.0	R99		CR		REJECTED
.	N1-031518	PFI correction	Nokia	44.065	009		TEI	4.2.0	Rel-4		CR		REJECTED

.	N1-031519	PFI correction	Nokia	44.065	010		TEI	5.1.0	Rel-5		CR		REJECTED
.	N1-031520	PFI correction	Nokia	44.065	011		TEI	6.1.0	Rel-6		CR		REJECTED
.	N1-031521	Handling of key sets at inter-system change	Ericsson	24.008	824		TEI5	5.9.0	Rel-5	F	CR		WITHDRAWN
.	N1-031522	Handling of key sets at inter-system change	Ericsson	24.008	825		TEI5	6.2.0	Rel-6	A	CR		WITHDRAWN
.	N1-031523	Correction of MS network capability IE	Siemens	04.08	A1143		TEI	7.20.1	R98	F	CR		AGREED
.	N1-031524	Verification of UE Bearer Capabilities	Siemens	29.846			MBMS	0.2.0	Rel-6		CR		POSTPONED
.	N1-031525	Removal of codepoint for GTP ack mode	Siemens	24.008	826		TEI6	6.2.0	Rel-6	F	CR		AGREED
.	N1-031526	Disabling of ROHC segmentation	Siemens	44.065	012		TEI6	6.1.0	Rel-6	F	CR		REVISED TO 1652
.	N1-031527	Protocol Discriminator for MBMS	3	29.846			MBMS	0.2.0	Rel-6		DISC		NOTED
.	N1-031528	Broadcast multiple NMO in NAS system information	TeliaSonera				NTShar		Rel-6		DISC	Not available.	WITHDRAWN
.	N1-031529	SSD and Signalling indication in QoS IE	Nokia/Inma	24.008	827		TEI6	6.2.0	Rel-6	F	CR		AGREED
.	N1-031530	WLAN TS 24.234: References	Nokia/Inma	24.234			WLAN		Rel-6		CR		REVISED TO 1693
.	N1-031531	WLAN TS 24.234: WLAN Selection	Nokia/Inma	24.234			WLAN		Rel-6		CR		REVISED TO 1688
.	N1-031532	WLAN TS 24.234: WLAN PLMN selection	Nokia/Inma	24.234			WLAN		Rel-6		CR		REVISED TO 1694
.	N1-031533	WLAN TS 24.234: WLAN Authentication	Nokia/Inma	24.234			WLAN		Rel-6		CR		REVISED TO 1695
.	N1-031534	WLAN TS 24.234: Scope, References and Definitions	Nokia/Inma	24.234			WLAN		Rel-6		CR		REVISED TO 1696
.	N1-031535	WLAN TS 24.234: Parameters	Nokia/Inma	24.234			WLAN		Rel-6		CR		REVISED TO 1697
.	N1-031536	WLAN TS 24.234: UE identities	Nokia/Inma	24.234			WLAN		Rel-6		CR		AGREED
.	N1-031537	WLAN TS 24.234: Revised WID	Nokia/Inma	24.234			WLAN		Rel-6		WID		REVISED TO 1698
.	N1-031538	Session initiation without preconditions	Ericsson, NEC	24.229	548		IMS-CCR	5.6.0	Rel-5	F	CR		POSTPONED
.	N1-031539	Session initiation without preconditions	Ericsson, NEC	24.229	549		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1642
.	N1-031540	Trust Domain in IMS	Ericsson M. Garcia								DISC		NOTED
.	N1-031541	IMS trust domain in Rel 5	Ericsson M. Garcia	24.229	550		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1621
.	N1-031542	IMS trust domain in Rel 6	Ericsson M. Garcia	24.229	551		IMS2	6.0.0	Rel-6	B	CR		REVISED TO 1622
. .	N1-031543	Session timer	Ericsson M. Garcia	24.229	552		IMS2	6.0.0	Rel-6	B	CR		REVISED TO 1678
.	N1-031544	Privacy to the P-Asserted-Idenity	Nortel Networks	24.229	553		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031545	Privacy to the P-Asserted-Idenity	Nortel Networks	24.229	554		IMS-CCR	6.0.0	Rel-6	A	CR		REJECTED
.	N1-031546	Clarification of the muting and unmuting of the downlink	Nortel Networks	44.068	004		TEI6	5.0.1	Rel-6	C	CR		AGREED
.	N1-031547	P-CSCF and UE handling of Security Associations	Nokia / Georg	24.229	555		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1623

.	N1-031548	P-CSCF and UE handling of Security Associations	Nokia / Georg	24.229	556		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1624
.	N1-031549	Precondition Fallback	Nokia / Georg	24.229	557		IMS-CCR	5.6.0	Rel-5	F	CR		POSTPONED
.	N1-031550	Discussion Paper: S-CSCF and P-CSCF re-selection	Nokia / Georg								DISC		NOTED
.	N1-031551	S-CSCF and P-CSCF re-selection	Nokia / Georg	24.229	558		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1702
.	N1-031552	S-CSCF and P-CSCF re-selection	Nokia / Georg	24.229	559		IMS-CCR	6.0.0	Rel-6	F	CR		REVISED TO 1703
.	N1-031553	TR 29.847 - Conferencing in IMS - version 1.0.0	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		INFO		NOTED
.	N1-031554	TS 24.147 - Conferencing in IMS - version 0.1.0	Nokia / Georg	24.147			IMS2	0.1.0	Rel-6		INFO		NOTED
.	N1-031555	TS 24.247 - Messaging Service in IMS - version 0.1.0	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		INFO		NOTED
. .	N1-031556	29.847 Flow: AS invites user to a conference	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1670
. .	N1-031557	29.847 Flow: AS sends REFER to user	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1671
. .	N1-031558	29.847: Profile Tables Lost and Found	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031559	29.847 Text: AS sends REFER to user	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031560	29.847 Text: Conference creation with conference URI	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031561	29.847: Reference to 22.141	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		AGREED
. .	N1-031562	29.847 Text: User Leaving a conference	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1666
. .	N1-031563	29.847: Drop flows A3.3, A.3.4, A.3.5, A.7 and A.8	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1672
. .	N1-031564	29.847 Flow: User sending REFER to AS	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1673
. .	N1-031565	Discussion paper on IMS Messaging	Nokia / Georg								DISC		NOTED
. .	N1-031566	24.247 Text: Message Sessions in IMS	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR		REVISED TO 1675
. .	N1-031567	24.247 Flow: Message Sessions in IMS	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR		REVISED TO 1676
. .	N1-031568	24.247 Text: Instant Messaging	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR		REVISED TO 1679
. .	N1-031569	24.247 Flow: Instant Messaging	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR		REVISED TO 1677
.	N1-	Emergency Call	Ericsson /				EMC1-		Rel-6		WID		AGREED

	031570	Enhancements for IP& PS Based Calls - stage 3	A Monrad				PS						
.	N1-031571	Status update for WI EMC1-PS	Ericsson / A Monrad				EMC1-PS		Rel-6		DISC		REVISED TO 1637
.	N1-031572	WID: Support for subscriber certificates, stage 3	Ericsson / A Monrad						Rel-6		WID		AGREED
.	N1-031573	SDP offer handling in SIP responses in S-CSCF and P-CSCF	Nokia	24.229	560		IMS-CCR	6.0.0	Rel-6	B	CR		REVISED TO 1704
.	N1-031574	Removal of RFC 3486	Nokia	24.229	561		IMS-CCR	5.6.0	Rel-5	F	CR		POSTPONED
.	N1-031575	Removal of RFC 3486	Nokia	24.229	562		IMS-CCR	6.0.0	Rel-6	A	CR		POSTPONED
.	N1-031576	SIP compression	Nokia	24.229	563		IMS-CCR	5.6.0	Rel-5	F	CR		REJECTED
.	N1-031577	SIP compression	Nokia	24.229	564		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1705
.	N1-031578	SigComp Message Multiplexing	Nokia								DISC		NOTED
.	N1-031579	Sending challenge	Nokia	24.229	565		IMS-CCR	5.6.0	Rel-5	F	CR		AGREED
.	N1-031580	Sending challenge	Nokia	24.229	566		IMS-CCR	6.0.0	Rel-6	A	CR		AGREED
.	N1-031581	Reg-await-auth timer value	Nokia	24.229	567		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1625
.	N1-031582	Reg-await-auth timer value	Nokia	24.229	568		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1626
. .	N1-031583	Determination of S-CSCF role	Nokia	24.229	569		IMS2	6.0.0	Rel-6	B	CR		REJECTED
. .	N1-031584	AS originated requests	Nokia	23.218	063		IMS2	5.6.0	Rel-6	B	CR		POSTPONED
.	N1-031585	Network initiated deregistration	Nokia	24.229	570		IMS-CCR	5.6.0	Rel-5	F	CR		REVISED TO 1706
.	N1-031586	Network initiated deregistration	Nokia	24.229	571		IMS-CCR	6.0.0	Rel-6	A	CR		REVISED TO 1707
.	N1-031587	Proposed WID: Support for subscriber certificates at UE - Network interfaces, stage 3	Nokia								WID		REJECTED
.	N1-031588	Bootstrapping TS skeleton	Nokia								TS		NOTED
. .	N1-031589	Text harmonisation with 3GPP2	Lucent Technologies / Keith Drage	24.229	572		IMS2	6.0.0	Rel-6	D	CR		AGREED
.	N1-031590	CR to 24.841: Annex A corrections to the P-Access-Network-Info header	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		CR		REVISED TO 1663
. .	N1-031591	CR to 29.847: Annex A corrections to the P-Access-Network-Info header	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR		REVISED TO 1674
.	N1-031592	Corrections to the P-Access-Network-Info	Lucent Technolo	24.228	124		IMS-CCR	5.6.0	Rel-5	F	CR	Not presented.	REVISED TO 1708

		header (Part 1)	gies / Keith Drage										
.	N1-031593											Not allocated any document.	Not available
.	N1-031594	Corrections to the P-Access-Network-Info header (Part 2)	Lucent Technologies / Keith Drage	24.228	125		IMS-CCR	5.6.0	Rel-5	F	CR	Not presented.	REVISED TO 1709
. .	N1-031595	Procedures in the absence of UICC	Lucent Technologies / Keith Drage	24.229	573		IMS2	6.0.0	Rel-6	B	CR		REVISED TO 1680
.	N1-031596	Appropriate linkage to new Annex C	Lucent Technologies / Keith Drage	24.229	574		IMSCOOP	6.0.0	Rel-6	D	CR		REJECTED
. .	N1-031597	P-Access-Network-Info changes	Lucent Technologies / Keith Drage	24.229	575		IMS2	6.0.0	Rel-6	D	CR		REVISED TO 1683
.	N1-031598	Don't use SAPI to differentiate between messages of the same message type.	Vodafone Ltd	24.007	059		TEI6	5.1.0	Rel-6		CR		REVISED TO 1653
.	N1-031599	Network Sharing: PLMN Selection, Routing and Radio Planning	Motorola				NTShar				DISC		Not treated
	N1-031600	Liaison Statement to 3GPP TSG CN WG4 on DNS top level domains	GSMA IREG								LS IN	PACKET Doc 098_03, To: CN, CN4, Cc: CN1,	NOTED
	N1-031601	Liaison Statement on EC Requirements on Emergency Telecommunications	OCG EMTEL								LS IN	EM04td014r2, To: All ETSI TBs, relevant WGs, EPPs 3GPP SA, MESA SSG SA, Cc: 3GPP2, TIA TR 45, GSC,	NOTED
.	N1-031602	Corrections on ICID for REGISTER	NEC/Yukio Kawanami	24.229	530	1	IMS - CCR	5.6.0	Rel-5	F	CR	Revised from 1470.	REVISED TO 1640
.	N1-031603	Corrections on ICID for REGISTER	NEC/Yukio Kawanami	24.229	531	1	IMS - CCR	6.0.0	Rel-6	A	CR	Revised from 1471.	REVISED TO 1641
.	N1-	Corrections on requests	NEC/Yuki	24.229	538	1	IMS -	5.6.0	Rel-5	F	CR	Revised	REJECTE

	031604	terminated by the S-CSCF	o Kawanami				CCR					from 1478.	D
.	N1-031605	Corrections on requests terminated by the S-CSCF	NEC/Yukio Kawanami	24.229	539	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1479.	REJECTED
	N1-031606	Handling of MBMS UEs in RRC-connected, PMM-IDLE state	Richard/Samsung & Hatef/3								LS OUT	Reply to 1409. To: RAN2, Cc: SA2, RAN3	AGREED
	N1-031607	Response to LS “Nature of SIP Signalling”	Georg/Nokia								LS OUT	Reply to 1412. To: RAN3, Cc: RAN2	AGREED
	N1-031608	LS on Network indication of support of Inter-RAT Handover Info message size reduction	Robert/Siemens								LS OUT	Reply to 1417. To: GERAN2, Cc: RAN2	REJECTED
.	N1-031609	Proposed WID for Network Sharing stage 3	TeliaSonera				NTShar		Rel-6		WID	Revised from 1609	Not treated
	N1-031610	LS Reply on “Trace Management”	Gabor/Nokia								LS OUT	Reply to 1420. To: SA5, Cc: CN4	AGREED
	N1-031611	LS on Introducing the Privacy Mechanism in Stage 2	Keith/Lucent								LS OUT	Reply to 1461. To: SA3, Cc: SA2	REVISED TO 1728
	N1-031612	Reply LS on Special-RAND mechanism	Robert/Siemens								LS OUT	Reply to 1462. To: SA3, Cc: GERAN2	AGREED
	N1-031613	The requirement and feasibility of IMS watcher authentication	Gabor/Nokia								LS OUT	Reply to 1464. To: SA3, Cc: SA1, SA2	REVISED TO 1724
.	N1-031614	Correct use of RAND during re-synchronisation failures	3	24.229	523	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1444.	REVISED TO 1711
.	N1-031615	Correct use of RAND during re-synchronisation failures	3	24.229	524	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1445.	REVISED TO 1712
.	N1-031616	Correction to description or RES/XRES usage	3	24.229	525	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1447.	AGREED
.	N1-031617	Correction to description or RES/XRES usage	3	24.229	526	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1448.	AGREED
.	N1-031618	Correction of user initiated re-registration	Siemens, Nokia	24.229	542	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1485	AGREED
.	N1-031619	Correction of user initiated re-registration	Siemens, Nokia	24.229	543	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1486	AGREED
.	N1-031620	Correction of flow in 6.9.3	Siemens	24.228	123	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1488	AGREED
.	N1-031621	IMS trust domain in Rel 5	Ericsson M. Garcia	24.229	550	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1541	AGREED
.	N1-	IMS trust domain in Rel 6	Ericsson	24.229	551	1	IMS2	6.0.0	Rel-6	C	CR	Revised	AGREED

	031622		M. Garcia									from 1542	
.	N1-031623	P-CSCF and UE handling of Security Associations	Nokia / Georg	24.229	555	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1547	AGREED
.	N1-031624	P-CSCF and UE handling of Security Associations	Nokia / Georg	24.229	556	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1548	AGREED
.	N1-031625	Reg-await-auth timer value	Nokia	24.229	567	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1581	REVISED TO 1715
.	N1-031626	Reg-await-auth timer value	Nokia	24.229	568	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1582. Not available.	REVISED TO 1716
.	N1-031627	Registration amendments in profile	Lucent Technologies / Keith Drage	24.229	487	1	IMS2	6.0.0	Rel-6	F	CR	Revised from 1346	AGREED
.	N1-031628	Completion of major capabilities table in respect of privacy	Lucent Technologies / Keith Drage	24.229	367	4	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1348	Not available
.	N1-031629	Completion of major capabilities table in respect of privacy	Lucent Technologies / Keith Drage	24.229	488	1	IMS-CCR	6.0.0	Rel-6	C	CR	Revised from 1349	Not available
.	N1-031630	Flow number corrections in Annex B	Lucent Technologies / Keith Drage	23.218	053	3	IMS-CCR	5.6.0	Rel-5	F	CR		AGREED
.	N1-031631	P-Asserted-Identity in SUBSCRIBE requests	Lucent Technologies / Keith Drage	24.229	495	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1376	AGREED
.	N1-031632	P-Asserted-Identity in SUBSCRIBE requests	Lucent Technologies / Keith Drage	24.229	496	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1377	AGREED
.	N1-031633	P-CSCF integrity protection	Lucent Technologies / Keith Drage	24.229	498	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1379	REVISED TO 1717
.	N1-031634	P-CSCF integrity protection	Lucent Technologies / Keith Drage	24.229	499	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1380	REVISED TO 1718
.	N1-031635	Update of HSS information at deregistration	Orange	24.229	502	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1386	REVISED TO 1719
.	N1-031636	Update of HSS information at deregistration	Orange	24.229	503	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1387	REVISED TO 1720
.	N1-031637	Status update for WI EMC1-PS	Ericsson / A Monrad				EMC1-PS		Rel-6		DISC	Revised from 1571	NOTED
.	N1-031638	'Roaming' word and CS-O sessions	Orange	24.228	120	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1457	AGREED
.	N1-	Corrections regarding SDP	Orange	24.228	121	1	IMS-	5.6.0	Rel-5	F	CR	Revised	AGREED

	031639	handling					CCR					from 1458	
.	N1-031640	Corrections on ICID for REGISTER	NEC/Yukio Kawanami	24.229	530	2	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1602.	AGREED
.	N1-031641	Corrections on ICID for REGISTER	NEC/Yukio Kawanami	24.229	531	2	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1603.	AGREED
.	N1-031642	Session initiation without preconditions	Ericsson, NEC	24.229	549	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1539	POSTPONED
	N1-031643	LS on relaxing the requirement on usage of the SIP precondition extension	Miguel/Ericsson								LS OUT	Related to 1642. To: CN3, SA5	WITHDRAWN
	N1-031644	LS “Questions on the possibility to not use Preconditions in Release 5”	Georg/Nokia								LS OUT	Related to 1455, 1538, 1549, To: SA2, Cc: CN3, SA5,	REVISED TO 1725
.	N1-031645	Addition of new IE for 'GSM call setup delay reduction'	Vodafone / Duncan Mills	24.008	828		TEI5	5.9.0	Rel-5	F	CR		POSTPONED
.	N1-031646	Addition of new IE for 'GSM call setup delay reduction'	Vodafone / Duncan Mills	24.008	829		TEI5	6.2.0	Rel-6	A	CR		POSTPONED
.	N1-031647	Addition of new IE for 'GSM call setup delay reduction'	Vodafone / Duncan Mills	29.018	040		TEI5	5.5.0	Rel-5	F	CR		POSTPONED
.	N1-031648	Clarification regarding use of RAT during background PLMN scanning	Motorola	23.122	062	1	TEI6	5.3.0	Rel-6	F	CR	Revised from 1467	POSTPONED
.	N1-031649	SM signalling in case tear down is requested	Siemens AG	24.008	818	1	TEI6	6.2.0	Rel-6	F	CR	Revised from 1502	AGREED
.	N1-031650	XID negotiation for IP compression	Siemens AG	44.065	013	1	TEI6	6.1.0	Rel-6	F	CR	Revised from 1503	AGREED
.	N1-031651	TFT error handling	Siemens AG	24.008	803	2	TEI6	6.2.0	Rel-6	F	CR	Revised from 1508	AGREED
.	N1-031652	Disabling of ROHC segmentation	Siemens	44.065	012	1	TEI6	6.1.0	Rel-6	F	CR	Revised from 1526	AGREED
.	N1-031653	Don't use SAPI to differentiate between messages of the same message type.	Vodafone Ltd	24.007	059	1	TEI6	5.1.0	Rel-6		CR	Revised from 1598	AGREED
.	N1-031654	TR 29.846: MBMS General update	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1421	AGREED
.	N1-031655	TR 29.846: MBMS Session management	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1422	AGREED
.	N1-031656	TR 29.846: MBMS Multicast Service Activation update	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1423	REVISED TO 1726
.	N1-031657	TR 29.846: MBMS Multicast Service Deactivation	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1424	AGREED
.	N1-031658	MBMS Service Continuity and Mobility	3	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1451	AGREED
.	N1-031659	MBMS Data Transfer	3	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1452	AGREED

.	N1-031660	MBMS Information Storage	3	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1453	AGREED
.	N1-031661	Correction of Profile Table for PUBLISH	Siemens	24.841			PRSNC	1.1.2	Rel-6		CR	Revised from 1492	AGREED
.	N1-031662	Proposed several changes in TR24.841	NEC/Yukio Kawanami	24.841			PRESNC	1.1.2	Rel-6		CR	Revised from 1482	AGREED
.	N1-031663	CR to 24.841: Annex A corrections to the P-Access-Network-Info header	Lucent Technologies / Keith Drage	24.841			PRESNC	1.1.2	Rel-6		CR	Revised from 1590	AGREED
. .	N1-031664	CR to 29.847: Removal of duplicate requirements to 24.229	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1381	AGREED
. .	N1-031665	Removing other users from a conference	Siemens AG	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1425	AGREED
. .	N1-031666	29.847 Text: User Leaving a conference	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1562	AGREED
. .	N1-031667	Proposed several changes in TR29.847	NEC/Yukio Kawanami	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1483	AGREED
. .	N1-031668	Update of flows (Security-Verify, P-Charging-Vector)	Siemens	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1489	AGREED
. .	N1-031669	Conferencing AS vs. conference focus	Siemens	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1491	AGREED
. .	N1-031670	29.847 Flow: AS invites user to a conference	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1556	AGREED
. .	N1-031671	29.847 Flow: AS sends REFER to user	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1557	AGREED
. .	N1-031672	29.847: Drop flows A3.3, A.3.4, A.3.5, A.7 and A.8	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1563	AGREED
. .	N1-031673	29.847 Flow: User sending REFER to AS	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1564	REVISED TO 1721
. .	N1-031674	CR to 29.847: Annex A corrections to the P-Access-Network-Info header	Lucent Technologies / Keith Drage	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1591	AGREED
. .	N1-031675	24.247 Text: Message Sessions in IMS	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR	Revised from1566	REVISED TO 1722
. .	N1-031676	24.247 Flow: Message Sessions in IMS	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR	Revised from 1567	AGREED
. .	N1-031677	24.247 Flow: Instant Messaging	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR	Revised from 1569	AGREED

. .	N1-031678	Session timer	Ericsson M. Garcia	24.229	552	1	IMS2	6.0.0	Rel-6	B	CR	Revised from 1543	POSTPONED
. .	N1-031679	24.247 Text: Instant Messaging	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR	Revised from 1568	REVISED TO 1723
. .	N1-031680	Procedures in the absence of UICC	Lucent Technologies / Keith Drage	24.229	573	1	IMS2	6.0.0	Rel-6	B	CR	Revised from 1595	AGREED
. .	N1-031681	Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol	Lucent Technologies / Keith Drage	24.229	518	1	IMS2	6.0.0	Rel-6	B	CR	Revised from 1437	AGREED
.	N1-031682	UICC related changes for IMS commonality and interoperability	Qualcomm	24.229	510	1	IMSCOOP	6.0.0	Rel-6	F	CR	Revised from 1426	AGREED
. .	N1-031683	P-Access-Network-Info changes	Lucent Technologies / Keith Drage	24.229	575	1	IMS2	6.0.0	Rel-6	D	CR	Revised from 1597	AGREED
.	N1-031684	Clause 9 restructuring	Lucent Technologies / Milo Orsic	24.229	522	1	IMSCOOP	6.0.0	Rel-6	D	CR	Revised from 1442	AGREED
.	N1-031685	CR to 24.234: Changes to subclause 1 (Scope)	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR	Revised from 1396	AGREED
.	N1-031686	CR to 24.234: Changes to subclause 4.1	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR	Revised from 1397	AGREED
.	N1-031687	CR to 24.234: Changes to subclause 5.2 (3GPP WLAN AN selection)	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR	Revised from 1398	POSTPONED
.	N1-031688	WLAN TS 24.234: WLAN Selection	Nokia/Inma	24.234			WLAN		Rel-6		CR	Revised from 1531	POSTPONED
.	N1-031689	Clarification on the use of the RAT during background scanning	O2	23.122	065	1	TEI	5.3.0	Rel-6	F	CR	Revised from 1497	POSTPONED
	N1-031690	LS on WLAN requirements	Christian/ Ericsson								LS OUT	To: SA1, SA2, Cc: T3	AGREED
.	N1-031691	CR to 24.234: Use of I-WLAN terminology	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR	Revised from 1399	AGREED
.	N1-031692	CR to 24.234: Changes to subclause 4.2 (WLAN UE identities)	Lucent Technologies / Keith Drage	24.234			WLAN	0.1.0	Rel-6		CR	Revised from 1400	AGREED

.	N1-031693	WLAN TS 24.234: References	Nokia/Inma	24.234			WLAN		Rel-6		CR	Revised from 1530	AGREED
.	N1-031694	WLAN TS 24.234: WLAN PLMN selection	Nokia/Inma	24.234			WLAN		Rel-6		CR	Revised from 1532	AGREED
.	N1-031695	WLAN TS 24.234: WLAN Authentication	Nokia/Inma	24.234			WLAN		Rel-6		CR	Revised from 1533	AGREED
.	N1-031696	WLAN TS 24.234: Scope, References and Definitions	Nokia/Inma	24.234			WLAN		Rel-6		CR	Revised from 1534	AGREED
.	N1-031697	WLAN TS 24.234: Parameters	Nokia/Inma	24.234			WLAN		Rel-6		CR	Revised from 1535	POSTPONED
.	N1-031698	WLAN TS 24.234: Revised WID	Nokia/Inma	24.234			WLAN		Rel-6		WID	Revised from 1537	AGREED
	N1-031699	LS on WLAN requirements	Christian/ Ericsson								LS OUT	Not available.	WITHDRAWN
.	N1-031700	Corrections on IOI definition	NEC/Yukio Kawanami	24.229	534	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1474	POSTPONED
.	N1-031701	Corrections on IOI definition	NEC/Yukio Kawanami	24.229	535	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1475	POSTPONED
.	N1-031702	S-CSCF and P-CSCF re-selection	Nokia / Georg	24.229	558	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1551	POSTPONED
.	N1-031703	S-CSCF and P-CSCF re-selection	Nokia / Georg	24.229	559	1	IMS-CCR	6.0.0	Rel-6	F	CR	Revised from 1552	POSTPONED
.	N1-031704	SDP offer handling in SIP responses in S-CSCF and P-CSCF	Nokia	24.229	560	1	IMS2	6.0.0	Rel-6	B	CR	Revised from 1573	REVISED TO 1727
.	N1-031705	SIP compression	Nokia	24.229	564	1	IMS2	6.0.0	Rel-6	F	CR	Revised from 1577	AGREED
.	N1-031706	Network initiated deregistration	Nokia	24.229	570	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1585	AGREED
.	N1-031707	Network initiated deregistration	Nokia	24.229	571	1	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1586	AGREED
.	N1-031708	Corrections to the P-Access-Network-Info header (Part 1)	Lucent Technologies / Keith Drage	24.228	124	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1592	AGREED
.	N1-031709	Corrections to the P-Access-Network-Info header (Part 2)	Lucent Technologies / Keith Drage	24.228	125	1	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1594	AGREED
	N1-031710	Latest workplan for review	MCC								WORK PLAN	Revised from 1341	AGREED
.	N1-031711	Correct use of RAND during re-synchronisation failures	3	24.229	523	2	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1444 and 1614	AGREED
.	N1-031712	Correct use of RAND during re-synchronisation failures	3	24.229	524	2	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1445 and 1615	AGREED
.	N1-031713	UE procedures for S-CSCF and P-CSCF re-selection	Nokia / Georg	24.229	576		IMS-CCR	5.6.0	Rel-5	F	CR		Not available
.	N1-031714	UE procedures for S-CSCF and P-CSCF re-selection	Nokia / Georg	24.229	577		IMS-CCR	6.0.0	Rel-6	F	CR		Not available
.	N1-031715	Reg-await-auth timer value	Nokia	24.229	567	2	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1581 and 1625	AGREED

.	N1-031716	Reg-await-auth timer value	Nokia	24.229	568	2	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1582 and 1626	AGREED
.	N1-031717	P-CSCF integrity protection	Lucent Technologies / Keith Drage	24.229	498	2	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1379 and 1633. Not available.	WITHDRAWN
.	N1-031718	P-CSCF integrity protection	Lucent Technologies / Keith Drage	24.229	499	2	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1380 and 1634. Not available.	WITHDRAWN
.	N1-031719	Update of HSS information at deregistration	Orange	24.229	502	2	IMS-CCR	5.6.0	Rel-5	F	CR	Revised from 1386 and 1635	AGREED
.	N1-031720	Update of HSS information at deregistration	Orange	24.229	503	2	IMS-CCR	6.0.0	Rel-6	A	CR	Revised from 1387 and 1636	AGREED
. .	N1-031721	29.847 Flow: User sending REFER to AS	Nokia / Georg	29.847			IMS2	1.0.0	Rel-6		CR	Revised from 1564 and 1673	AGREED
. .	N1-031722	24.247 Text: Message Sessions in IMS	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR	Revised from1566 and 1675	AGREED
. .	N1-031723	24.247 Text: Instant Messaging	Nokia / Georg	24.247			IMS2	0.1.0	Rel-6		CR	Revised from 1568 and 1679	AGREED
	N1-031724	The requirement and feasibility of IMS watcher authentication	Gabor/Nokia								LS OUT	Reply to 1464. To: SA3, Cc: SA1, SA2. Revised from 1613.	AGREED
	N1-031725	LS “Questions on the possibility to not use Preconditions in Release 5”	Georg/Nokia								LS OUT	Related to 1455, 1538, 1549, To: SA2, Cc: , Revised from 1644	AGREED
.	N1-031726	TR 29.846: MBMS Multicast Service Activation update	Ericsson	29.846			MBMS	0.2.0	Rel-6		CR	Revised from 1423 and 1656	AGREED
.	N1-031727	SDP offer handling in SIP responses in S-CSCF and P-CSCF	Nokia	24.229	560	2	IMS2	6.0.0	Rel-6	B	CR	Revised from 1573 and 1704	AGREED
	N1-031728	LS on Introducing the Privacy Mechanism in Stage 2	Keith/Lucent								LS OUT	Reply to 1461. To: SA3, Cc: SA2. Revised from 1611.	AGREED

Annex E Liaison Statements OUT (8)

Type	TDoc #	Status	Source	Tdoc Title	Comments
LS OUT	N1-031606	AGREED	Richard/ Samsung	Handling of MBMS UEs in RRC-connected, PMM-IDLE state	Reply to 1409. To: RAN2, Cc: SA2, RAN3
LS OUT	N1-031607	AGREED	Georg/ Nokia	Response to LS “Nature of SIP Signalling”	Reply to 1412. To: RAN3, Cc: RAN2
LS OUT	N1-031610	AGREED	Gabor/ Nokia	LS Reply on “Trace Management”	Reply to 1420. To: SA5, Cc: CN4
LS OUT	N1-031612	AGREED	Robert/ Siemens	Reply LS on Special-RAND mechanism	Reply to 1462. To: SA3, Cc: GERAN2
LS OUT	N1-031690	AGREED	Christian/ Ericsson	LS on WLAN requirements	To: SA1, SA2, Cc: T3
LS OUT	N1-031724	AGREED	Gabor/ Nokia	The requirement and feasibility of IMS watcher authentication	Reply to 1464. To: SA3, Cc: SA1, SA2, Revised from 1613
LS OUT	N1-031725	AGREED	Georg/ Nokia	LS “Questions on the possibility to not use Preconditions in Release 5”	Related to 1455, 1538, 1549, To: SA2, Cc: , Revised from 1644
LS OUT	N1-031728	AGREED	Keith/ Lucent	LS on Introducing the Privacy Mechanism in Stage 2	Reply to 1461. To: SA3, Cc: SA2., Revised from 1611

Annex F Ageed Work Items (3)

Status	TDoc #	Source	Tdoc Title	Type	WI
AGREED	N1-031570	Ericsson / A Monrad	Emergency Call Enhancements for IP& PS Based Calls - stage 3	WID	EMC1-PS
AGREED	N1-031572	Ericsson / A Monrad	WID: Support for subscriber certificates, stage 3	WID	
AGREED	N1-031698	Nokia/Inma	WLAN TS 24.234: Revised WID	WID	WLAN

Annex G Agreed specifications (TS or TR)

It was agreed to send the MBMS TR 29.846 and the WLAN TS 24.234 to the plenary TSGN#22 for information. Meaning that the rapporteurs after this meetings CR implementation raises the version to 1.0.0 and submit them with a cover template where the contentious and/or open issues are listed.

Annex H List of CRs to N1 drafts (52)

Status	Spec	TDoc #	Tdoc Title	C_Version	Type	WI	Rel
AGREED	24.141	N1-031366	CR to 24.141: Editorial corrections to framework	0.1.0	CR	PRESNC	Rel-6
AGREED	24.234	N1-031536	WLAN TS 24.234: UE identities		CR	WLAN	Rel-6
AGREED	24.234	N1-031685	CR to 24.234: Changes to subclause 1 (Scope)	0.1.0	CR	WLAN	Rel-6
AGREED	24.234	N1-031686	CR to 24.234: Changes to subclause 4.1	0.1.0	CR	WLAN	Rel-6
AGREED	24.234	N1-031691	CR to 24.234: Use of I-WLAN terminology	0.1.0	CR	WLAN	Rel-6
AGREED	24.234	N1-031692	CR to 24.234: Changes to subclause 4.2 (WLAN UE identities)	0.1.0	CR	WLAN	Rel-6
AGREED	24.234	N1-031693	WLAN TS 24.234: References		CR	WLAN	Rel-6
AGREED	24.234	N1-031694	WLAN TS 24.234: WLAN PLMN selection		CR	WLAN	Rel-6
AGREED	24.234	N1-031695	WLAN TS 24.234: WLAN Authentication		CR	WLAN	Rel-6
AGREED	24.234	N1-031696	WLAN TS 24.234: Scope, References and Definitions		CR	WLAN	Rel-6
AGREED	24.247	N1-031676	24.247 Flow: Message Sessions in IMS	0.1.0	CR	IMS2	Rel-6
AGREED	24.247	N1-031677	24.247 Flow: Instant Messaging	0.1.0	CR	IMS2	Rel-6
AGREED	24.247	N1-031722	24.247 Text: Message Sessions in IMS	0.1.0	CR	IMS2	Rel-6
AGREED	24.247	N1-031723	24.247 Text: Instant Messaging	0.1.0	CR	IMS2	Rel-6
AGREED	24.841	N1-031368	Revisions resulting from issue of draft-ietf-sip-publish-00	1.1.2	CR	PRESNC	Rel-6
AGREED	24.841	N1-031395	CR to 24.841: Editorial corrections	1.1.2	CR	PRESNC	Rel-6
AGREED	24.841	N1-031434	CR to 24.841: Definitions	1.1.2	CR	PRESNC	Rel-6
AGREED	24.841	N1-031435	CR to 24.841: Inclusion of normative references to 3GPP TS 24.229	1.1.2	CR	PRESNC	Rel-6
AGREED	24.841	N1-031438	CR to 24.841: Profile support of RFC 3326: The Reason Header Field for the Session Initiation Protocol	1.1.2	CR	PRESNC	Rel-6
AGREED	24.841	N1-031661	Correction of Profile Table for PUBLISH	1.1.2	CR	PRESNC	Rel-6
AGREED	24.841	N1-031662	Proposed several changes in TR24.841	1.1.2	CR	PRESNC	Rel-6
AGREED	24.841	N1-031663	CR to 24.841: Annex A corrections to the P-Access-Network-Info header	1.1.2	CR	PRESNC	Rel-6
AGREED	29.846	N1-031654	TR 29.846: MBMS General update	0.2.0	CR	MBMS	Rel-6
AGREED	29.846	N1-031655	TR 29.846: MBMS Session management	0.2.0	CR	MBMS	Rel-6
AGREED	29.846	N1-031657	TR 29.846: MBMS Multicast Service Deactivation	0.2.0	CR	MBMS	Rel-6
AGREED	29.846	N1-031658	MBMS Service Continuity and Mobility	0.2.0	CR	MBMS	Rel-6
AGREED	29.846	N1-031659	MBMS Data Transfer	0.2.0	CR	MBMS	Rel-6
AGREED	29.846	N1-031660	MBMS Information Storage	0.2.0	CR	MBMS	Rel-6

AGREED	29.846	N1-031726	TR 29.846: MBMS Multicast Service Activation update	0.2.0	CR	MBMS	Rel-6
AGREED	29.847	N1-031370	CR to 29.847: Editorial comments	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031371	CR to 24.847: Editorial changes to Annex A	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031372	CR to 29.847: Correction of text regarding MRFC/AS relationship	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031373	CR to 29.847: Conference mixer clarifications	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031374	CR to 29.847: Definitions	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031382	CR to 24.847: Adoption of terminology for IMSCOOP	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031383	CR to 29.847: Inclusion of normative references to 3GPP TS 24.229	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031490	Correction of wording in authorization procedure	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031558	29.847: Profile Tables Lost and Found	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031559	29.847 Text: AS sends REFER to user	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031560	29.847 Text: Conference creation with conference URI	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031561	29.847: Reference to 22.141	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031664	CR to 29.847: Removal of duplicate requirements to 24.229	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031665	Removing other users from a conference	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031666	29.847 Text: User Leaving a conference	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031667	Proposed several changes in TR29.847	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031668	Update of flows (Security-Verify, P-Charging-Vector)	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031669	Conferencing AS vs. conference focus	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031670	29.847 Flow: AS invites user to a conference	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031671	29.847 Flow: AS sends REFER to user	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031672	29.847: Drop flows A3.3, A.3.4, A.3.5, A.7 and A.8	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031674	CR to 29.847: Annex A corrections to the P-Access-Network-Info header	1.0.0	CR	IMS2	Rel-6
AGREED	29.847	N1-031721	29.847 Flow: User sending REFER to AS	1.0.0	CR	IMS2	Rel-6