3GPP TSG CN Plenary Meeting #20 **NP-030264**

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Meeting Report

TSG CN WG1# 30
San Diego, California, USA

19th May - 23rd May 2003

Chairman: Hannu Hietalahti (Nokia)

Secretary: Per Johan Jorgensen (ETSI/MCC)

Host: North American 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_30/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.

2 Agenda and Reports

N1-030568 : CN1 chairman, **Title**: Agenda San Diego 0305

Discussion : This will continue as a living document in the doc San Diego 0305.

Wednesday afternoon at 18:00 will be a review on TR 29.962 by CN3,- and CN1 will then break for delegates to participate if wanted. Due to huge number of documents to the meeting it is proposed that 7.3 and possibly 7.4 could be handled in a parallell breakout session,- about 30-40 documents except 614, 615, 616, 619, 620, 690, 691, 776, 692, 694, 698, 788,789 plus the late ones provided by Lucent on both agenda items. That parallell session will use tdocnumbers from 880 upwards. That parallell group will be chaired by Richard/ Samsung during Monday afternoon.

Conclusion : Agreed

3 Input Liaison Statements

N1-030570 : GP-030913, **To:** SA2, **Cc:** CN1, RAN1, RAN2, RAN3, T2, **Type**: LS IN, **Title**: LS on DRX parameter

Discussion : GERAN agrees that a mechanism for the UE to adjust its DRX parameters would be useful but they would prefer a GMM related solution.

Conclusion: Noted

N1-030571 : GP-030914, **To:** SA3, **Cc:** CN1, RAN2, **Type**: LS IN, **Title**: Reply to LS on double ciphering for MBMS multicast data.

Discussion : GERAN say that they do not see any risk in turning off the ciphering for a specific bearer to avoid double ciphering.

Conclusion: **Noted**

N1-030572: GP-030928, **To:** SA2, **Cc:** CN1, CN4, RAN3, SA1, **Type**: LS IN, **Title**: LS on impact of 'Early UE handling' on the GERAN

Discussion : GERAN requests for clarification on the WI early UE handling and its impact on 48.008. N1-030572, 575, 587 and 777 are related. CN1 actions are collected in 587 and 777 need a response.

Conclusion**: Noted**

N1-030573 : GP-031039R, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on < Indication of the MS support of "Modulation based multislot class">

Discussion : GERAN asks CN1 to endorse the attached CRs which has been split into tdocs N1-030623, 624 and 625. If agreed the CRs, there should be no need for a response LS,- only send a response if not agreed as it is.

Conclusion: Noted

N1-030574 : GP-031066, **To:** SA2, RAN1, RAN2, **Cc:** SA4, CN1, CN4, RAN3, **Type**: LS IN, **Title**: Answer to Liaison Statement on Core Network Provision of separate flows for P2P and P2M radio Transmission

Discussion : GERAN reply to SA2 question on point-to-point and point-to-multipoint saying that they do not yet know if streams optimised for both P2P and P2M should be provided by the BM-SC for the GGSN, SGSN and RNC/BSC to broadcast, or if only one stream is sufficient.

Conclusion: Noted

N1-030575 : R3-030534, **To:** SA2, **Cc:** CN1, **Type**: LS IN, **Title**: LS on early UE handling

Discussion : RAN3 reply to SA2 on early UE architecture. N1-030572, 575, 587 and 777 are related. CN1 actions are collected in 587 and 777 need a response.

Conclusion: Noted

N1-030576 : S1-030470, **To:** T3, **Cc:** T, CN1, EP SCP, **Type**: LS IN, **Title**: Response LS on (U)SIM Toolkit originated emergency calls

Discussion : SA1 say that there are no specific requirements for SIM toolkit originated emergency calls, but on the other hand such calls are not prohibited either. They ask T3 to align their specs with this from Rel-6 onwards.

Conclusion: Noted

N1-030577 : S1-030516, **To:** SA2, **Cc:** CN1, **Type**: LS IN, **Title**: LS on Protocols over the Mt interface

Discussion : SA1 point out that in the Presence Service Stage 1 (TS22.141) and in the IMS Group Management stage 1 (TS22.250) there are requirements for standardised mechanisms between terminal-based applications and the systems providing the capabilities. N1-030577 and 585 are related. Possible CN1 actions are minuted under 585.

Conclusion: Noted

N1-030578 : S1-030533, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on Network Sharing Requirements for Rel-6

Discussion : The attached 22.011 CR changes the PLMN selection requirements and CN1 is asked to comment on the feasibility of these changes and to give feedback on the clarity of the requirements to guide stage 2 and 3 specification changes. SA1 requires that the currently existing PLMN selection principles are kept also in shared AN environment. Is this agreeable goal for CN1? Yes. N1-030578 and 586 are related and both require CN1 attention. Only one LA boarder is expected for the shared area, but a question was raised if it should be an indication about a shared network situation,- to allow the UE to select the desired PLMN among expected equal priority PLMNs.

The SA1 CR was seen as broad enough to allow SA2 and CN1 to continue the stage 2 work. But additionally to what it says the following working assumptions were discussed:
- Multiple MCC + MNC information is broadcast via shared AN cells. This probably creates a BCCH capacity problem, but it should be up to GERAN to handle that problem.
- Cell selection and LA concept are kept as they are as long as possible. All UEs accessing any of the PLMNs via shared AN see the same LA / RA identities and borders to avoid problems with old mobiles, cell planning interaction with LA and National roaming and regional provision concepts.
- Single NMO for all UEs accessing the shared AN area.
- Also legacy mobiles need to be considered in PLMN selection.

Conclusion: LS OUT in 815 by AndrewH./Motorola

N1-030579 : S1-030539, **To:** CN1, **Cc:** SA2, GERAN2, RAN2, **Type**: LS IN, **Title**: LS on R99 and later emergency calls when attached to data only network

Discussion : A PS only attached UE shall "attempt to get a connection" in case CS emergency call is needed, even if it has to select another PLMN. Is the UE allowed or mandated to perform a service based cell selection before entering "any PLMN" search? No comments, but it is assumed that it is not service based cell selection, rather similar to the situation as when there is no SIM. Especially in UTRAN the assumption is that no service based cell selection is allowed. The requirement in 10.3 of the attached CR seems to require some clarification on PLMN selection while staying with the PS service. Is this only Rel-6 issue, or is it also applicable for Rel-5? Is it GSM only or also for WCDMA (where it would be up to RAN2 to comment if this works at all)? Should be for both. Is the UE allowed or mandated to attempt CS domain emergency call like in limited service if the CS domain seems to be available in this PLMN even though CS attach was rejected? The proposal was that if the UE is PS attached only, then it should attempt CS emergency call in the same cell & PLMN it is camping on for PS domain services. Do 24.008 therefore need clarification to a combined attach with the MS staying in the cell where it is PS only. What about also allowing camping on another cell with limited service,- using IMSI or TMSI? This scenario is also covered in the table of the attached CR.

It all arises from the discussion on data only MSs. All the topics from the discussion should go back to SA1 and SA2 for consideration also in the stage 2 TR. What is a PLMN which "does not support voice services for the UE,- voice services versus CS services?

Conclusion: LS OUT in 816 by Atle/Ericsson

N1-030580 : S2-031562, **To:** SA1, SA4, CN1, **Cc:** SA, **Type**: LS IN, **Title**: LS on Review of the Speech Enabled Services part of the 3GPP work plan

Discussion : Stage 1 requirements for SES exists, and SA4 are working on the codec selection. The interested companies are invited to start the work on architecture in SA2.

Conclusion: Noted

N1-030581 : S2-031569, **To:** CN1, T2, SA3, **Cc:** , **Type**: LS IN, **Title**: LS on impacts on the UE of UE-Initiated Tunnelling

Discussion : SA2 are studying UE initiated tunnelling of messages as means of WLAN – 3GPP interworking and ask the other groups to confirm the feasibility of this approach. SA3 reply in 779. What about aquiring the IPv6 address for the tunnel? What about security association and IMS authentication with respect to the outer and inner tunnel etc.? Some CN1 impacts seems possible from tunneling,- at least in authentication of the UE. The assumption is that there will be no mobility for the WLAN connectivity, and no handovers between WLAN and 3GPP in Rel-6

Conclusion: LS OUT in 817 by Rachel/Nokia

N1-030582: S2-031581, **To:** SA3, **Cc:** SA1, CN1, T3, **Type**: LS IN, **Title**: LS Response on Use of ISIM and USIM for IMS access

Discussion : SA2 acknowledges that their specs agree with the SA3 requirement in LS S3-030160,- namely that the ISIM takes precedence over USIM for IMS access if both are present on the UICC. Is any CN1 work still needed? No our part is covered by referencing the SA3 specification.

Conclusion: Noted

N1-030583: S2-031584, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS Response on IPv6 DNS server discovery in release 99 and release 4

Discussion : SA2 reply to N1-030548. SA2 is aware of the possibility to use GPRS specific procedures for IPv6 DNS server discovery introduced for Rel-5 and they encourage CN1 to allow this possibility also in R99 for early IPv6 deployment. Is there any related CR to this meeting? Yes, in 617 and 618.

***Conclusion*: Noted**

N1-030584 : S2-031587, **To:** SA5, CN1, **Cc:** , **Type**: LS IN, **Title**: LS Response on duration of ICID at IMS registration

Discussion : No CN1 action. This LS replies to N1-030560. SA2 sees that lifetime of ICID is an interesting question and they invite SA5 to give their view in San Diego meeting the week before CN1 #30. An LS in 590 is related, but last week's SA5 subgroup on charging has a CR on the topic and a LS is expected soon.

Conclusion: Noted

N1-030585 : S2-031588, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on Protocols over the Mt interface

Discussion : SA2 reply to N1-030566. SA2 see some value in notification towards the UE after some parameters have been changed across the Mt interface but they also warn CN1 to avoid overloading the radio interface. SA2 also promises to continue studying the matter. Was there any development in this area the week before CN1 #30? N1-030577 and 585 are related. No additional information seems to have advanced during the last week's meeting, except for the new name is Ut instead of Mt.

Conclusion: Noted

N1-030586 : S2-031590, **To:** RAN2, GERAN2, CN1, **Cc:** , **Type**: LS IN, **Title**: LS on Broadcast and PLMN selection for Shared RAN

Discussion : SA2 attach TR 22.951 and asks the AN groups to add the necessary SysInfo, and CN1 to change 23.122 (and possibly 24.008) PLMN selection requirements according to that. Are there any CRs on this issue to this meeting? No. N1-030578 and 586 are related and both requires CN1 attention.

Conclusion: Noted

N1-030587 : S2-031592, **To:** CN1, CN4, RAN3, GERAN2, **Cc:** RAN2, **Type**: LS IN, **Title**: LS on Stage 3 work for Early UE handling

Discussion : SA2 requests the other groups to analyse their respective TSs, and provide the early UE handling related CRs for June plenary for approval. Foreseen CN1 action in 23.009 to check relay MSC functions. What is the current description for how IMSI and other parameters are buffered in the relay MSC? Also possible 29.018 impact is foreseen. A related CR is available in 725. If not all is available then the requested timing can not be kept. N1-030572, 575, 587, 777 and 809 are related.

Conclusion: Noted

N1-030588 : S2-031594, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on change of IP address due to privacy

Discussion : SA2 sees the CN1 proposed IPv6 address change, which involves de-registration and new registration, as the only alternative for the UE to change its IP address. To minimise the disturbance to the user it is recommended to document that this is only done when there are no active sessions ongoing. Is the related CR available? Yes in 729.

Conclusion: Noted

N1-030589 : S5-034260, **To:** SA2, CN3, **Cc:** CN1, **Type**: Reply LS on "Relationship between IMS sessions and a PDP context"

Discussion : SA5 agrees that in Rel-5 a PDP context can not be reused for another IMS session, but this may change since flow based charging is being studied in Rel-6.

Conclusion: Noted

N1-030590 : S5-034261, **To:** CN1, **Cc:** SA2, **Type**: LS IN, **Title**: Reply LS on duration of ICID at IMS registration

Discussion : CN1 action is needed, at least to correct the reference to 32.225 which is replaced with 32.260 in Rel-6. SA5 suggest ICID for a registration event should be generated during the initial user registration. All subsequent SIP session unrelated methods (e.g., REGISTER, NOTIFY, MESSAGE, etc.) should use the same ICID regardless of whether the same public user ID is used or not. This ICID should be valid until the user (Private User ID) is deregistered. How would the proposed linking of ICID and IMPI work in later releases in case one IMPU can be associated with multiple IMPIs? Are the related CRs available? Yes in 690 and 691, and if any issues comes up a possible response to the LS will be considered. Is one ICID for the registration lifetime the best solution with respect to flexibility? The question needs to be solved by the charging group/SA5, and not considered a SIP issue.

Conclusion: Noted

N1-030628: B. Best GSMA CTO, **To:** CN, **Cc:** GERAN, CN1, GSMA TWG, SA, **Type**: LS IN, **Title**: LS on Error Handling in Pre-R99 Networks

Discussion : Is the indicated network update sufficient or is some other approach also needed for the interim period as suggested in CR N1-030627? No comments made.

Conclusion: Noted

N1-030777 : S3-030294, **To:** SA2, CN1, **Cc:** , **Type**: LS IN, **Title**: Reply LS on unciphered IMEISV transfer

Discussion : SA3 have identified a privacy issue in sending IMSI and IMEISV unciphered and they are asking about the timing requirements on authentication and IMEISV enquiry in HLR and UE. 33.102 does put restrictions additionally to 24.008, on sending the IMEISV unciphered. N1-030572, 575, 587 and 777 are related. CN1 actions are collected in 587 and 777 needs a reply. 24.008 do not have timing requirements on when the transfer may happen, and the UE is depending on the network request, which can come as soon as the MM context is established. If implementers do not look in 33.102 the implementations could be different, and so the question is if 24.008 needs to say something on this. It was requested that the UE manufacturers check the behaviour of their UE. (does it respond to IMEISV if ciphering is not on?)

Conclusion: LS OUT in 818 by Robert/Siemens

N1-030778: S3-030296, **To:** CN1, T3, RAN2, GERAN, **Cc:** , **Type**: LS IN, **Title**: LS on 'Handling of START values stored on a ME for use with a SIM'

Discussion : SA3 have approved a CR that clarifies the handling of 'ME-stored START values for use with a SIM' and they see no impact on stage 3. No CR's were provided for this meeting either.

Conclusion: Noted

N1-030779: S3-030298 **To:** SA2, **Cc:** CN1, T2, **Type**: LS IN, **Title**: LS on impacts on the UE of UE-Initiated Tunnelling

Discussion : SA3 reply to N1-030581. SA3 sees security threats in the proposed UE-initiated tunnelling and wait for final design before continuing their work on this issue.

***Conclusion*: Noted**

N1-030780 : S3-030302, **To:** CN1, SA2, **Cc:** , **Type**: LS IN, **Title**: LS on security solutions for the Mt reference point

Discussion : Proposal to add S-CSCF revision information to the nonce parameter of the www-Authenticate header of 401, Unauthorised. A discussion document about this can be found in 700.

Conclusion: LS OUT in 819 by Peter/Siemens

N1-030781 : S3-030308, **To:** CN1, **Cc:** GERAN, **Type**: LS IN, **Title**: LS on increasing the key length for GEA3

Discussion : SA3 propose introduction of another variant of GEA3 with longer key, namely 128 bit key under the name GEA4. Does this affect any CN1 specification now that the code point for GEA 4 has already been defined long time ago? No but the stating of it beeing done needs to be replied.

Conclusion: LS OUT in 820 by Christian/Ericsson

N1-030782 : S4-030415, **To:** SA2, **Cc:** SA1, SA3, SA5, RAN2, RAN3, GERAN1, GERAN2, CN1, **Type**: LS IN, **Title**: Reply to "Reply to Liaison Statement on MBMS Codec Requirements"

Discussion : SA4 have started a WID to cover their part of MBMS and ask SA2 to define 'short time downloading'.

Conclusion: Noted

N1-030783 : S4-030418, **To:** SA2, CN1, **Cc:** , **Type**: LS IN, **Title**: Reply LS on media codecs and formats for Presence and Messaging

Discussion : SA4 have started presence and IMS messaging WID for their group. They are studying MIME multipart contents within SIP messages, and would like to receive pointers to TSs or RFCs which are dealing with the related problems.

Conclusion: LS OUT in 821 by Krisztian/Nokia

N1-030784 : S4-030427, **To:** CN3, **Cc:** CN1, **Type**: LS IN, **Title**: Liaison Statement on Handling of DTMF in IMS

Discussion : SA4 has approved the attached CR to TS 26.235 "Packet Switched Conversational Multimedia; Default Codecs" to recommend the "telephone event" MIME type and the RTP payload for DTMF.

Conclusion: Noted

N1-030785 : S4-030364, **To:** CN1, **Cc:** RAN2, GERAN2, **Type**: LS IN, **Title**: Reply to "Reply LS on Radio Access Bearer for PS conversational testing"

Discussion : No action for CN1. SA4 thanks CN1 for the liason on RAB for PS conversational testing. SA4 thinks that including IPv6 examples in Annex B of TS 26.236 would improve the clarity of IMS specifications in Rel. 5 specifications. For this purpose, the annex has been updated and attached to this liason. The annex contains also examples of "*b=* " parameter usage in SDP.

Conclusion: Noted

N1-030802 : R3-030535, **To:** SA2, **Cc:** GERAN1, GERAN2, CN1, RAN1, RAN2, T2, **Type**: LS IN, **Title**: Liaison Statement on DRX parameter

Discussion : RAN3 say that the "re-negotiated" DRX parameter between UE and the network can be sent over RANAP:PAGING message, without any change nor conflict to RAN3 specifications.

Conclusion: Noted

N1-030807 : S2-032149, **To:** RAN2, RAN3, **Cc:** CN1, **Type**: LS IN, **Title**: Liaison Statement on RAN assumptions in MBMS TS

Discussion : SA2 informs that 23.246 v. 0.6.0 has been sent for information to the next TSG-SA. SA2 still needs RAN input on the questions in the LS to continue their work.

Conclusion: Noted

N1-030808 : S2-032150, **To:** CN1, CN4, **Cc:**, **Type**: LS IN, **Title**: LS on MBMS

Discussion : SA2 informs CN1 that 23.246 v.0.6.0 will be sent to the next TSG-SA for information. Despite the RAN related open items in the previous LS it is said to be stable enough to start the stage 3 work in CN1.

Conclusion: Noted

N1-030809 : S2-032154, **To:** CN1, CN4, RAN3, GERAN2, **Cc:** RAN2, **Type**: LS IN, **Title**: LS on Stage 3 work for Early UE handling

Discussion : SA2 say that they have almost completed 23.195 on early UE handling and request the other groups to do their part also.

Conclusion: Noted

N1-030810 : S2-032156, **To:** SA3, **Cc:** CN1, RAN2, **Type**: LS IN, **Title**: LS on unciphered IMEISV transfer

Discussion : SA2 answer the SA3 LS (which also CN1 received) by saying that the TAC + SV part of the code would be sufficient and the whole IMEISV is not needed. But SA2 also estimate that it is too late to introduce new procedure to request the partial IMEISV from the UE. SA2 say that it is possible for the network to set up secure connection first before asking for IMEISV of the UE.

Conclusion: Noted

N1-030811 : S2-032174, **To:** CN1, **Cc:** GERAN1, GERAN2, RAN1, RAN2, RAN3, T2, **Type**: LS IN, **Title**: LS on DRX parameters update

Discussion : SA2 asks the other groups to study if there are any possibilities for the DRX value in UE and in the network to get out of sync and to eliminate those problems where possible. Related CRs in N1-030827 - 830.

Conclusion: Noted

N1-030812 : S2-032175, **To:** RAN2, RAN3, **Cc:** CN1, **Type**: LS IN, **Title**: LS on SA 2 work following the joint SA2/RAN2/CN1 meeting on Paging

Discussion : SA2 have discussed but not agreed the attached CR which would introduce double paging with CN identity to recover from a situation where the UE is unpageable with UTRAN identity, due to unsynchronized RRC states. SA2 invites the other groups to continue the discussion to solve the problem. No reaction in CN1.

Conclusion: Noted

N1-030813 : S2-032177, **To:** GERAN, CN1, **Cc:** , **Type**: LS IN, **Title**: LS on Mapping of NSAPIs onto LLC SAPIs

Discussion : SA2 asks us to study whether more LLC SAPIs can be defined and to specify the extension, if feasible. CN1 considered it possible in principel to expand number of SAPIs, but except for the discussion document in 675 no details have yet been seen.

Conclusion: LS OUT in 836 by Robert/Siemens

N1-030814 : T2-030316, **To:** SA1, SA2, CN1, OMA MAG Push, **Cc:** CN4, OMA MAG, OMA MAG MMSG, **Type**: LS IN, **Title**: Re: LS on SMS/MMS Interworking from WLANs

Discussion : T2 agrees with SA1 that extending SMS to work over WLAN is not worthwhile.

Conclusion: Noted

N1-030857 : R3-030776, **To:** CN1, CN4, SA2, GERAN2, **Cc:** RAN2, **Type**: LS IN, **Title**: REPLY LS to S2-031592 and S2-032154 on Stage 3 work for Early UE handling

Discussion : 3GPP TS 23.195 v 1.1.0 with RAN3 feedback changes highlighted can be used, but v120 will go to the coming plenary. The LS was received late during the CN1 meeting and the delegates had no time to review the attached document before or during the meeting. RAN3 would also like to inform SA WG2 that Stage 3 work has already started in this area such that two sets of technically correct CRs will be approved by RAN3 in order that RAN Plenary (#20) can make the decision as to the form of the UESBI-Iu parameter and as to which release of the relevant RAN specifications the CRs will be applied. CN1 can not do online review of the attachment.

Conclusion: Noted

N1-030865 : R2-031368, **To:** CN1, **Cc:**, **Type**: LS IN, **Title**: LS on RAN WG2 terminology and impacts on CN WG1 specifications (PLMN selection)

Discussion : RAN2 asks CN1 to note the description on RRC states and ensure that the CN1 specification terminology and intention is in line with the RAN2 specified behavior and terminology. CN1 reaction was that PLMN selection should be done within CN1. Also how can NAS take action on the different RRC states when it has no information about them. The conflict seems to be that after the NAS signalling is gone a dedicated channel (possibly a UTRAN signalling channel) can still exist in the UTRAN. The issue is for both CS and PS and it is doubtful if a PLMN selection should take place in this case. The misalignment on idle state seems to be starting when the NAS signalling is released, and neither CN1/GERAN definitions could approach RAN nor vice versa. The TS 23.122 on PLMN selection could have extensions indicating AS or NAS. Another unclear issue is the meaning of dedicated channel. No timer in RAN should trigger PLMN selection, behaving on behalf of NAS. Could RAN and maybe CN1/GERAN as well define the dedicated channel in a way that makes idle mode similar to each other? New adhoc and LSs to progress the work seems not to be the way forward,- but rather company contributions. A LS was proposed to state our concerns and high level requirements. Some discussion on what release it all goes into took place, but in any case with CN1 rule for agreeing changes to frozen specs.

- The definition of 'UE idle mode' is critical for the PLMN selection in case the RPLMN is lost.
- It was seen that instead of only aligning the CN1 terminology to adapt it to RAN usage of idle mode and dedicated channel, the terminology alignment should be a joint effort.
- According to TS 23.122, whether there is 'dedicated channel' allocated for the UE is the criteria for the UE to enter idle mode.
- The visible outcome of the UE entering the idle mode is that it may, if needed, start PLMN selection.
- One possible solution to the idle mode definition problem could be that RAN2 define a suitable criteria for dedicated channel, so that it matches the traditional GSM / GERAN understanding of dedicated channel. The weakness of this approach is that CN1 feels that the idle mode definition pertains more to upper layer procedures. If the RRC dedicated channel is removed during a long L3 procedure such as activation of PDP context, then the UE is not considered to be in idle mode while waiting for the response to its request.
- Also PS domain procedures in GERAN were seen as worth checking (in CN1).

Conclusion: LS OUT in 877 by Kevan/3

4 TSG CN WG1 Work Plan

N1-030569 : MCC, **Type**: WORKPLAN, **Title**: Latest workplan for review, 030425

Discussion :

Conclusion : Revised to 945

N1-030945 : MCC, **Type**: WORKPLAN, **Title**: Latest workplan for review, 030425

Discussion : Other comments than what is agreed and marked in yellow background in this document can be sent to the chairman, secretary or distributed on the email exploder, deadline would be wednesday 28/5-03.

Conclusion : Agreed

N1-030629 : CN1 chairman, **Type**: DISCUSSION, **Title**: Overlapping 3GPP and OMA work areas

Discussion : During the TSG SA #19 meeting in Birmingham it was proposed that a study was undertaken to identify work underway in 3GPP which is related to work in OMA, in order that SA can decide on what additional co-ordination mechanisms (if any) are required with OMA work.

Delegates are encouraged to provide information to the table. Clearly CN1 has not got enough information on how OMA intends to reuse 3GPP CN1 IMS work. Basically the IMS workitem for CN1 is impacted, and since that is very much the same as the one in SA2, that one could be the base. Also Presence and Messaging is expected to have interactions with the OMA work. Keith/Lucent will fill in the list and send it on to CN1 chairman within a few days.

Conclusion : Noted

5 Joint sessions

5.1 None

6 Corrections to old releases

6.1 Rel-4 and older releases

N1-030617 : 24.008v3f0 **CR#**761, Ericsson, **Type**: CR , **Title**: Provision of DNS server IPv6 address

Discussion : The possibility to provide the MS with DNS server IPv6 addresses is limited, due to the limited possibilities (provided by RFCs) compared to IPv4 options. The proposed method is already standardised for Rel-5 onwards. SA2 has discussed the topic, and encourages CN1 to allign R99 and Rel-4 with Rel-5 on the topic (see inc LS N1-030583).

The CR is made similar to the Rel-5. Container IDs 0001 to 0004 have already been used in Rel-5. If we now make some of these values reserved, 24.008 subclause 8.7.1 will force a R99 implementation to ignore the whole PCO IE. The wording 'reserved' for some code points is to be rephrased,- and this also for Rel-5 but in a different CR. The compatibility is so that UEs not understanding the additional information will only ignore this additional information in the PCO IE. Proposed that this CR goes to the plenary in a seperate package due to CN3 and CN4 related CRs? Not the 29.060 since it is a correction to a mistake and a formal linking was not seen needed. Sufficient to state the DNS Server Address. Not supported values could be left out was proposed since it will never be complete for R99 anyway. Justify the essential correction.

Conclusion : Revised to822

N1-030822 : 24.008v3f0 **CR#**761r1, Ericsson, **Type**: CR , **Title**: Provision of DNS server IPv6 address

Discussion : No Rel-5 mirror CR is needed since these two CRs 822 and 823 brings already existing Rel-5 functionality to R99 and Rel-4 without any corresponding SA2 change, since it was agreed as “part of functionality agreed for the release found to be missing in the specification”, and supported by consensus according to 21.900 subclause 4.6.2.

There is a corresponding CN3 CR which is assumed to be submitted to the same TSGN plenary but it was agreed that no formal linkage between the two CRs is needed.

Conclusion : Agreed

N1-030618 : 24.008v4a0 **CR#**762, Ericsson, **Type**: CR , **Title**: Provision of DNS server IPv6 address

Discussion :

Conclusion : Revised to 823

N1-030823 : 24.008v4a0 **CR#**762r1, Ericsson, **Type**: CR , **Title**: Provision of DNS server IPv6 address

Discussion : Rel-5 is not needed since it was implemented already.

Conclusion : Agreed

N1-030623 : 24.008v4a0 **CR#**765, Siemens, **Type**: CR , **Title**: Indication of the MS support of "Modulation based multislot class"

Discussion : With the 44.060 CR031r1 (GP-010900) the possibility that the GPRS multislot capability is applied in case of a EGPRS-GMSK only TBF was introduced. This feature was agreed as an optional feature for the MS. The support of this feature was planed to be indicated in a separate bit in the " Mobile Station Classmark 3" and " MS Radio Access capability" IE, see LS in GP-010977. Unfortunately the inclusion of this bit was never agreed in CN1.

A semicolon is superfluous in the CSN part,- and maybe cross out in the cover page any possible impact on the test specifications like the testcases for this feature.

Conclusion : Revised to 824

N1-030824 : 24.008v4a0 **CR#**765r1, Siemens, **Type**: CR , **Title**: Indication of the MS support of "Modulation based multislot class"

Discussion :

Conclusion : Agreed

N1-030624 : 24.008v570 **CR#**766, Siemens, **Type**: CR , **Title**: Indication of the MS support of "Modulation based multislot class"

Discussion :

Conclusion : Revised to 825

N1-030825 : 24.008v570 **CR#**766r1, Siemens, **Type**: CR , **Title**: Indication of the MS support of "Modulation based multislot class"

Discussion :

Conclusion : Agreed

N1-030625 : 24.008v600 **CR#**767, Siemens, **Type**: CR , **Title**: Indication of the MS support of "Modulation based multislot class"

Discussion :

Conclusion : Revised to 826

N1-030826 : 24.008v600 **CR#**767r1, Siemens, **Type**: CR , **Title**: Indication of the MS support of "Modulation based multislot class"

Discussion :

Conclusion : Agreed

N1-030627 : 24.008v3f0 **CR#**748r2, Nokia, **Type**: CR , **Title**: Revision level fallback

Discussion : Significant number of the currently existing GSM phase 2 networks reject the R99 MS CS domain signalling based on revision level indication by the MS. This problem is expected to be corrected in the network, but due to the large number of affected networks it is not possible to have all of them updated soon enough for the R99 MS rollout. Once the affected GSM phase 2 networks have been either corrected or updated to R99 or later version, then the MS workaround is not needed any more. Therefore this optional MS procedure is only defined for R99 and not in the later versions of the protocol. When a R99 MS supporting the temporary implementation option is registered in R99 network, it behaves just like a R99 MS without this option.

How is the CR justified from the GSMA answer to the CN LS? Because the goal of networks being updated latest in September was ambitious. Home operators need to update their network before providing R99 mobiles with workaround, and this workaround was seen to reduce the pressure to correct the network. In reason for change the words 'significant' and 'large' should be removed since Ericsson has a large footprint and does not have the network problem resulting in the need for this workaround.

Conclusion : Postponed

N1-030655 : 24.008v3f0 **CR#**769, NTT DoCoMo, **Type**: CR , **Title**: Alignment on BC IE coding for FAX between TS24.008 and TS27.001

Discussion : The ITC in octet 3 is set to "3.1 kHz audio ex PLMN" in the TS24.008 ANNEX D.3.2. On the other hand, being set to "FAX" in TS27.001 ANNEX B.1.10. Comparing the description of the TS24.008 ANNEX D and TS27.001 AnnexB, TS24.008 is just example, and the TS27.001 ANNEX B is normative Annex. Therefore, TS24.008 ANNEX D needs to be aligned with TS27.001.

Conclusion : Agreed

N1-030656 : 24.008v4a0 **CR#**770, NTT DoCoMo, **Type**: CR , **Title**: Alignment on BC IE coding for FAX between TS24.008 and TS27.001

Discussion :

Conclusion : Agreed

N1-030657 : 24.008v570 **CR#**771, NTT DoCoMo, **Type**: CR , **Title**: Alignment on BC IE coding for FAX between TS24.008 and TS27.001

Discussion :

Conclusion : Agreed

N1-030661 : 24.008v600 **CR#**772, NTT DoCoMo, **Type**: CR , **Title**: Alignment on BC IE coding for FAX between TS24.008 and TS27.001

Discussion :

Conclusion : Agreed

N1-030658 : 04.11v710 **CR#**A028r1, NTT DoCoMo, **Type**: CR , **Title**: SMS over GPRS disabled

Discussion : Whilst SMS over GPRS is mandatory, some network operators have not enabled this in their networks. This situation creates problems in the MS, since the MS is not properly informed that SMS over GPRS is not enabled in the network.

Why introduce only to R98 and not also R97? It was intended earlier that only Rel-5 onwards would have this option. And it should not be a mandatory issue for the reason that some networks may choose not to switch on this feature. It was commented that TSGN plenary agreed to add this requirement in Rel-5, but not to bring it to earlier releases.

Conclusion : Rejected

N1-030659 : 24.011v360 **CR#**025r1, NTT DoCoMo, **Type**: CR , **Title**: SMS over GPRS disabled

Discussion : Not to be made as an option since TSG CN decided to have the option available only from Rel-5.

Conclusion : Rejected

N1-030660 : 24.011v411 **CR#**026r1, NTT DoCoMo, **Type**: CR , **Title**: SMS over GPRS disabled

Discussion :

Conclusion : Rejected

N1-030664 : 24.008v3f0 **CR#**751r1, Siemens, **Type**: CR , **Title**: Combined RAU successful for GPRS only, missing GMM cause IE

Discussion : For the Routing Area Update Accept message, it is specified in 9.4.15.6 that the GMM Cause IE "shall be includeded if the IMSI attach was not successful for non-GPRS services during a combined GPRS routing area updating procedure" (update type = 'RA/LA updating with IMSI attach'). It needs to be clarified that the IE has to be included generally if the combined routing area updating procedure was successful for GPRS services only, i.e. also if the update type was 'RA/LA updating', without IMSI attach.

Seen and discussed earlier, and then postponed due to further investigation from Motorola which has no objections now.

Conclusion : Agreed

N1-030665 : 24.008v4a0 **CR#**752r1, Siemens, **Type**: CR , **Title**: Combined RAU successful for GPRS only, missing GMM cause IE

Discussion : Corresponding change to Rel-5 was part of N1-030216, CR 24.008-741 rev1,- and is implemented.

Conclusion : Agreed

N1-030666 : 24.008v3f0 **CR#**773, Siemens, **Type**: CR , **Title**: Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode

Discussion : Since R97, according to subclause 4.7.1.2, the following applies in GSM (or A/Gb mode):
"If ciphering is to be applied on a GMM context, all GMM messages shall be ciphered except the following messages: …" . The list that follows contains
- AUTHENTICATION AND CIPHERING REQUEST,
- AUTHENTICATION AND CIPHERING RESPONSE, and
- AUTHENTICATION AND CIPHERING REJECT,
but not the AUTHENTICATION AND CIPHERING FAILURE message that was added later, in R99, for the UMTS authentication procedure.
However, when the MS sends a ciphered AUTHENTICATION AND CIPHERING FAILURE, as a rule the network will not be able to decipher the message:
- firstly, because in the network, according to subclause 4.7.7.3, the LLC sublayer is notified "if ciphering shall be used or not, and if yes which algorithm and GPRS GSM ciphering key that shall be used" only after the network has received an AUTHENTICATION AND CIPHERING RESPONSE message.
- secondly, because either the necessary GPRS ciphering key is not available (which was the reason for performing an authentication and key agreement) or because the network got the P-TMSI / IMSI correlation wrong, assumes it is talking to a different subscriber and uses a wrong GPRS ciphering key. Consequently, the network cannot decide whether the authentication challenge was rejected because of a MAC failure or Synch failure and cannot take the appropriate actions (e.g. perform ID-Request, or get new authentication parameters from the HLR).

How would keys be exchanged if the procedure is not successfull? The MS could use old keys from the SIM.

Conclusion : Agreed

N1-030667 : 24.008v4a0 **CR#**774, Siemens, **Type**: CR , **Title**: Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode

Discussion :

Conclusion : Agreed

N1-030668 : 24.008v570 **CR#**775, Siemens, **Type**: CR , **Title**: Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode

Discussion :

Conclusion : Agreed

N1-030669 : 24.008v600 **CR#**776, Siemens, **Type**: CR , **Title**: Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode

Discussion :

Conclusion : Agreed

N1-030670 : Siemens, **Type**: DISCUSSION , **Title**: Inconsistencies between TS 24.008, TS 27.001, TS 29.007, and TS 23.172, concerning the inclusion of the 2 Bearer Capability IEs in the Call Confirmed and Call Proceeding

Discussion : CN1 specs need to be corrected only from Rel-5 onwards, but inconsistencies between CN1 and CN3 specs exist from R99 onwards; therefore use of agenda item 6.1.
1) The option to accept a multimedia call with 2 BC IEs in the SETUP message by returning a CALL PROCEEDING message (mobile originated case) or a CALL CONFIRMED message (mobile terminated case) containing no BC IE was introduced to the standard in an inconsistent manner. There are inconsistencies both between different standards (e.g. between TS 24.008, R99, and TS 27.001, R99) and within certain standards (e.g. within TS 27.001, or within TS 24.008, Rel-5).
2) The option in TS 27.001 and TS 29.007 is a special case that is only applicable to multimedia calls with fallback/service change, but not to multimedia calls without fallback/service change or to other services that are signalled with 2 BC IEs (TS 61), and it is in contradiction to TS 24.008, clause 9.
3) From Rel-4 to Rel-5, TS 24.008 became inconsistent in itself. As a consequence, depending on the implementation chosen, there will be possible interworking problems between Rel-4 and Rel-5, or between different Rel-5 implementations.
In order to remove the inconsistencies from the standard and to avoid possible interworking problems between Rel-4 and Rel-5, it is proposed to remove the option to accept a multimedia call by returning no BC IE from all the affected specifications.

It was stated that no problems were seen for service change (SCUDIF). Waste of bandwith to send the BC IEs in the response. Another comment was that the changes introduced should be from R99 onwards and with the preference to base the solution on 27.001. What goes wrong if nothing is done? Desired to make a simple rule for the future. It was not seen as an essential correction to a frozen release and there is no backward compatibility for SCUDIF. The contradiction between 24.008 and 27.001 and internal inconsistencies needs to be resolved.

Conclusion : Noted

N1-030671 : 24.008v570 **CR#**777, Siemens, **Type**: CR , **Title**: Removal of 'no BC' option

Discussion :

Conclusion : Withdrawn

N1-030672 : 24.008v600 **CR#**778, Siemens, **Type**: CR , **Title**: Removal of 'no BC' option

Discussion :

Conclusion : Withdrawn

N1-030676 : 24.008v3f0 **CR#**781, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion : Clarification when the new DRX parameter is taken into use by the network and the MS. Clarification that the routing area update procedure may be used in order to only change the DRX parameter (support of this procedure is optional for the MS).

Missing numbering the notes and problems with semicolons and full stop. Consequence if not approved to be changed.

Conclusion : Revised to 827

N1-030827 : 24.008v3f0 **CR#**781r1, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion :

Conclusion : Agreed

N1-030677 : 24.008v4a0 **CR#**782, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion :

Conclusion : Revised to 828

N1-030828 : 24.008v4a0 **CR#**782r1, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion :

Conclusion : Agreed

N1-030678 : 24.008v570 **CR#**783, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion :

Conclusion : Revised to 829

N1-030829 : 24.008v570 **CR#**783r1, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion : Some different wordings compared to R99 and Rel-4, but principaly the same.

Conclusion : Agreed

N1-030679 : 24.008v600 **CR#**784, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion :

Conclusion : Revised to 830

N1-030830 : 24.008v600 **CR#**784r1, Siemens, **Type**: CR , **Title**: Clarification of the procedure for the change of DRX parameter

Discussion :

Conclusion : Agreed

N1-030681 : 23.009v3d0 **CR#**094, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion : There is a discrepancy between the text and SDLs which support the text on whether a connection to the MS shall be cleared in case of timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE. In some places in 23.009, the text states “in all cases the existing connection to the MS shall not be cleared”. However, the SDLs show that the call is released in case of timer expiry.

The cover sheet miss justification for why the change is needed and the consequences if not approved. In the SDL also another reson for releasing the call is mentioned and needs to be described. Plus another technical correction needs to be made.

Conclusion : Revised to 837

N1-030837 : 23.009v3d0 **CR#**094r1, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion : These CR needs to get endorcement in CN4 and if agreed inform back to CN1. If not agreed the CR needs to be revisited in CN1 with CN4 changes. An error was identified since a wrong messagename is indicated,- replace ‘A-HANDOVER-COMPLETE’ with ‘IU-RELOCATION-COMPLETE’ in 6.2.3.1 and 6.2.2.

Conclusion : Revised to 906

N1-030906 : 23.009v3d0 **CR#**094r2, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion : CN4 endorced this was learnt after the meeting.

Conclusion : Agreed

N1-030682 : 23.009v470 **CR#**095, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion :

Conclusion : Revised to 838

N1-030838 : 23.009v470 **CR#**095r1, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion : These CR needs to get endorcement in CN4 and if agreed inform back to CN1. If not agreed the CR needs to be revisited in CN1 with CN4 changes. The cover page also needs change to Rel-4.

Conclusion : Revised to 907

N1-030907 : 23.009v470 **CR#**095r2, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion : CN4 endorced this was learnt after the meeting.

Conclusion : Agreed

N1-030683 : 23.009v540 **CR#**096, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion :

Conclusion : Revised to 839

N1-030839 : 23.009v540 **CR#**096r1, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion : These CR needs to get endorcement in CN4 and if agreed inform back to CN1. If not agreed the CR needs to be revisited in CN1 with CN4 changes.

Conclusion : Revised to 908

N1-030908 : 23.009v540 **CR#**096r2, Nortel, **Type**: CR , **Title**: Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE

Discussion : CN4 endorced this was learnt after the meeting.

Conclusion : Agreed

7 Release 5

7.1 Non-IMS Rel-5 corrections

N1-030673 : 24.008v570 **CR#779**, Siemens, **Type**: CR, **Title**: Correction of the static conditions for the bearer capability IE contents

Discussion : The current version of the specification states in subclause 10.5.4.4.1:
”For GSM, if the information transfer capability field (octet 3) indicates "speech", octets 4, 5, 5a, 5b, 6, 6a, 6b, 6c, 6d, 6e, 6f, 6g and 7 shall not be included.” However, this statement not only applies to GSM, but also to UMTS; therefore the condition “for GSM” should be deleted.

The mistake is from R99 onwards, but that was not wanted because of not strrong enough case for making CR on very frozen releases.

Conclusion : Agreed

N1-030674 : 24.008v600 **CR#780**, Siemens, **Type**: CR, **Title**: Correction of the static conditions for the bearer capability IE contents

Discussion :

Conclusion : Agreed

N1-030684 : 24.008v570 **CR#785**, NEC, **Type**: CR, **Title**: Support the maximum bit rate for HSDPA

Discussion : In the current RAN3 reflector, offline discussion concerning maximum bitrate in the network for HSDPA is taking place since the HSDPA is one of major key capabilities for Rel 5 within RAN side. During the discussion, it was expressed that most companies do not want to delay the Rel 5 HSPDA and would like to fix the inconsistency with other goups like RAN1, RAN2, CN1 etc as one package of CRs by June plenary. Thus, next RAN3 meeting handles the CRs to RAN3 specifications at the next RAN3#36 meeting in Paris. In conjunction with these CRs, 24.008 also need to be updated.

Does the maximum HSDPA 10Mbit/s bitrate justify the change of coding which already allows up to 8.6 Mbit/s in 'maximum bitrate for downlink' and 'guaranteed bit rate for downlink'? If any change is needed, then do we really want to take the risk of extending QoS again or would it be preferable to introduce a new IE instead? And old implementation which does not support the proposed extension will still decode only the already existing maximum and guaranteed DL bit rate fields. Was this dealt with in SA2 last week since they have control on the QoS, and this higher rate could have architectural implication if it is end-to-end. Technical cleanup is needed to eg. the text part saying that if octet 14 is not there. Should this new information also go to other nodes like eg. HLR, and how to handle these octets in SGSN and GGSN? Proposal that the information should be in a seperate new IE since it is probably not meant for GGSN. Other problem identified is also the bearer limitation to 2 Mb/ s (23.107) for the moment outside the UTRAN.

Conclusion : Postponed

N1-030685 : 24.008v600 **CR#**786, NEC, **Type**: CR, **Title**: Support the maximum bit rate for HSDPA

Discussion : Rel-6 mirror CR of N1-030684, therefore moved from 8.8.

Conclusion : Postponed

N1-030709 : 29.018v530 **CR#**033, Vodafone, **Type**: CR, **Title**: Addition of IMEISV to BSSAP+-LOCATION-UPDATE-REQUEST message

Discussion : This CR is concerned with ensuring that the early UE handling feature is fully supported in the network when the Gs interface is used. In order to align with the work done in 3GPP SA2, it is necessary to pass the IMEISV from the SGSN to the MSC/VLR at the earliest opportunity, e.g. at location update.

Conclusion : Agreed

N1-030710 : 29.018v530 **CR#**034, Vodafone, **Type**: CR, **Title**: Addition of IMEISV to BSSAP+-PAGING-REQUEST message

Discussion : Placeholder in case a need arises due to an expected LS IN from RAN2 during this week.

Conclusion : Not available

N1-030711 : 29.018v530 **CR#**035, Vodafone, **Type**: CR, **Title**: Addition of BMUEF to BSSAP+-PAGING-REQUEST message

Discussion : Placeholder in case a need arises due to an expected LS IN from RAN2 during this week.

Conclusion : Not available

N1-030712 : 24.011v510 **CR#**027, Ericsson, **Type**: CR, **Title**: UE behaviour when sending SMS over GPRS

Discussion : The current specification text does not describe all requirements defined in 3GPP TS 22.060 (Stage 1 specification) and introduced by S1-030237. Furthermore, TS 24.011 conflicts with requirements on the Stage 1 specification. Thus, the Stage 3 cannot be compliant with the Stage 1. In addition, when the user sends an SMS over GPRS and this fails due to the lack of network response, the MS does not attempt SMS transfer via the circuit switched domain. The user perception is affected and the Stage 1 is not fulfilled.

It was argued that using #69 should not be used since other error codes could also be used. But this was not found aligned with SA1 text and earlier CN1 discussions. And why introduce more functionality in Rel-5, eg error code #50? This should be left to UE implementation specific,- and just keep the mandatory case #69. Introduce a note about possible similar behavior for other error codes. Some rephrasing was also requested.

Conclusion : Revised to 831

N1-030831 : 24.011v510 **CR#**027r1, Ericsson, **Type**: CR, **Title**: UE behaviour when sending SMS over GPRS

Discussion : The MS does not preclude other error codes. Some tidyups. The added note should be converted to normal text and circuit-switched is spelled with a hyphen.

Conclusion : Revised to 925

N1-030925 : 24.011v510 **CR#**027r2, Ericsson, **Type**: CR, **Title**: UE behaviour when sending SMS over GPRS

Discussion :

Conclusion : Agreed

N1-030725 : 23.009v540 **CR#**097, Nokia, **Type**: CR, **Title**: Addition of UESBI-Iu to handover and relocation procedures

Discussion : In SA2#31 the signaling principles for the "Provision of UE Specific Behaviour Information to Network Entities"were agreed in TS 23.195 v 1.1.0. Regarding handover and relocation procedures it was agreed that:
- UESBI-Iu shall be sent from anchor to target MSC in inter-MSC handover and relocation.
- Anchor MSC derives UESBI-Iu from IMEISV and forwards it to target MSC.
- Target MSC stores this value and forwards it to RNS-B in subsequent intra-MSC GSM to UMTS handovers and/or relocations.

Last sentence has a B too much since it should be MSC only. This CR will be taken to CN4 for endorsement during this week.

Conclusion : Revised to 832

N1-030832 : 23.009v540 **CR#**097r1, Nokia, **Type**: CR, **Title**: Addition of UESBI-Iu to handover and relocation procedures

Discussion : Not presented since CN4 made a correction which needs to be incorporated.

Conclusion : Revised to 875

N1-030875 : 23.009v540 **CR#**097r2, Nokia, **Type**: CR, **Title**: Addition of UESBI-Iu to handover and relocation procedures

Discussion : CN4 has earlier endorced this.

Conclusion : Agreed

7.2 Draft specifications and other documents for information

N1-030731 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIPPING

Discussion :

Conclusion : Noted

N1-030732: Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIP

Discussion :

Conclusion : Noted

N1-030733 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on MMUSIC

Discussion :

Conclusion : Noted

7.3 IMS Registration

N1-030521 : 24.229v540 **CR#**370r1, Ericsson, **Type**: CR, **Title**: SUBSCRIBE request information stored at the P-CSCF and S-CSCF

Discussion : Revised from 470 but not treated. Discussion in the area of what happens when the UE loses coverage. While this was felt to be an area of concern it did not prevent this CR from being agreed.

Conclusion : Agreed

N1-030522 : 24.228v540 **CR#**109r1, Ericsson, **Type**: CR, **Title**: SUBSCRIBE request information stored at the P-CSCF and S-CSCF

Discussion : Revised from 471 but not treated.

Conclusion : Agreed

N1-030614: 24.229v540 **CR#**377, Ericsson, **Type**: CR, **Title**: Alignment of parameter 'signalling information' with other QoS parameters

Discussion : The enhanced QoS for 'signalling indication' shall be used when a dedicated PDP context for IMS signalling is used. The following changes are proposed:
- The QoS Signalling Indication and the IMS signalling flag are independant.
- The Note 1 is removed.
- The CR aligns with stage-2 changes approved in SA2#31. A new parameter, 'Signalling Indication', has been introduced in the QoS IE, see stage 2 specifications; S2-031527 (CR to 23.228), S2-031482 (CR to 23.207).
For deletion of NOTE1, note also the agreed text within 23.228:
"The IM CN Subsystem Signalling flag is used to indicate the dedicated signalling PDP context for IMS signalling. If the network operator does not support a dedicated signalling PDP context or the UE does not include the IM CN Subsystem Signalling flag, the network will consider the PDP context as a general purpose PDP context."

Some questions for clarifications were made. The intention with the introduction of the signalling indication flag is still normal QoS handling, and it was questioned if 24.229 needs anything more than refering to it as it stands in 24.008, ie remove the new chapter. The intention is that the UE can use the signaling priority indication to request high priority for signaling PDP context, but there are intentionally no requirements for the UE to handle the presence or absence of the flag in DL direction. Can the signalling indication flag be set during modification of a PDP context? Theoretically yes, but practically no. In 24.008 the generic solution is described where actually this is possible, while for IMS that restriction could be specific. How to solve this will be in offline discussions.

Conclusion : Revised to 840

N1-030840: 24.229v540 **CR#**377r1, Ericsson, **Type**: CR, **Title**: Alignment of parameter 'signalling information' with other QoS parameters

Discussion : Should be no distinction between I and II since the next paragraph handles all,- redundant text. The tdoc number in the file name is correct, the one on the cover page is a mistake (N1-030940).

Conclusion :Agreed

N1-030615 : 24.008v570 **CR#**759, Ericsson, **Type**: CR, **Title**: Alignment of parameter 'signalling information' with other QoS parameters

Discussion : The enhanced QoS for 'signalling indication' should ba handled as other QoS parameters, in order to have a uniform handling of all QoS parameters. The CR aligns with stage-2 changes approved in SA2#31. A new QoS attribute, Signalling Indication, has been introduced in the QoS IE, see stage 2 specifications; S2-031527 (CR to 23.228), S2-031482 (CR to 23.207).

Conclusion : Agreed

N1-030616 : 24.008v600 **CR#**760, Ericsson, **Type**: CR, **Title**: Alignment of parameter 'signalling information' with other QoS parameters

Discussion :

Conclusion : Agreed

N1-030619 : 24.008v570 **CR#**763, Ericsson, **Type**: CR, **Title**: Cleanup and correction of the PCO-IE

Discussion : Correction of the text describing the coding of PCO-IE. Correction of reference [99].

Rewording of the word 'reserved'. The length 3 is used since the PCO IE is always optional.

Conclusion : Revised to841

N1-030841 : 24.008v570 **CR#**763r1, Ericsson, **Type**: CR, **Title**: Cleanup and correction of the PCO-IE

Discussion :

Conclusion : Agreed

N1-030620 : 24.008v600 **CR#**764, Ericsson, **Type**: CR, **Title**: Cleanup and correction of the PCO-IE

Discussion :

Conclusion : Revised to 842

N1-030842 : 24.008v600 **CR#**764r1, Ericsson, **Type**: CR, **Title**: Cleanup and correction of the PCO-IE

Discussion :

Conclusion : Agreed

N1-030621 : 24.229v540 **CR#**378, Orange, **Type**: CR, **Title**: Deregistration of a PUID (not the last one)

Discussion :

Conclusion : Revised to 892 and a LS OUT in 891 by Sophie/Orange

N1-030892 : 24.229v540 **CR#**378r1, Orange, **Type**: CR, **Title**: Deregistration of a PUID (not the last one)

Discussion : It is added that in the case a public user identity is deregistered, all sessions established with this public user identity or with an implicilty registered public user identity shall be released.

The solution should be a stage 3 solution, and if agreed the LS related is not needed. In 5.4.1.4 replace To header with P-Asserted-Identity..

Conclusion : Revised to 919

N1-030919 : 24.229v540 **CR#**378r2, Orange, **Type**: CR, **Title**: Deregistration of a PUID (not the last one)

Discussion :

Conclusion : Agreed

N1-030635 : 24.229v540 **CR#**380, 3, **Type**: CR, **Title**: Check Integrity Protection for P-Access-Network-Info header

Discussion :

Conclusion : Revised to 881

N1-030881 : 24.229v540 **CR#**380r1, 3, **Type**: CR, **Title**: Check Integrity Protection for P-Access-Network-Info header

Discussion :

Conclusion : Agreed

N1-030636 : 24.229v540 **CR#**381, 3, **Type**: CR, **Title**: PCSCF setting of Integrity protection indicator and checking of Security Verify header

Discussion : Discussion on whether the addition of 33.203 is valid. Is this the right place for this reference. Changes to section 6 in 5.2.2 could not be agreed.

Conclusion : Revised to 882

N1-030882 : 24.229v540 **CR#**381r1, 3, **Type**: CR, **Title**: PCSCF setting of Integrity protection indicator and checking of Security Verify header

Discussion :

Conclusion : Agreed

N1-030637 : 24.229v540 **CR#**382, 3, **Type**: CR, **Title**: Security association handling at PCSCF

Discussion : Tdoc N1-030651 covers same section.

Conclusion : Rejected

N1-030638 : 24.229v540 **CR#**383, 3, **Type**: CR, **Title**: Consistent treatment of register and de-register

Discussion :

Conclusion : Revised to 884

N1-030884 : 24.229v540 **CR#**383r1, 3, **Type**: CR, **Title**: Consistent treatment of register and de-register

Discussion :

Conclusion : Agreed

N1-030639 : 24.229v540 **CR#**384, 3, **Type**: CR, **Title**: Optionality of sending CK is removed

Discussion :

Conclusion : Revised to 885

N1-030885 : 24.229v540 **CR#**384r1, 3, **Type**: CR, **Title**: Optionality of sending CK is removed

Discussion :

Conclusion : Agreed

N1-030640 : 24.229v540 **CR#**385, 3, **Type**: CR, **Title**: Addition of note and Correction of References regarding security associations and registration

Discussion :

Conclusion : Revised to 886

N1-030886 : 24.229v540 **CR#**385r1, 3, **Type**: CR, **Title**: Addition of note and Correction of References regarding security associations and registration

Discussion : Step5 and the other half of the paragraph is not included, and not intended deleted.

Conclusion : Agreed

N1-030641 : 24.229v540 **CR#**386, 3, **Type**: CR, **Title**: Specify that all non-REGISTER requests must be integrity protected

Discussion : Ongoing discussion in SA3 may have an impact on this CR. Postponed to await the outcome of this discussion.

Conclusion : Postponed

N1-030642 : 24.229v540 **CR#**387, 3, **Type**: CR, **Title**: Subscription/Registration refresh time

Discussion :

Conclusion : Revised to 887

N1-030887 : 24.229v540 **CR#**387r1, 3, **Type**: CR, **Title**: Subscription/Registration refresh time

Discussion :

Conclusion : Agreed

N1-030646 : 24.229v540 **CR#**398, Lucent T., **Type**: CR, **Title**: Combined CRs: N1-030495, N1-030558 , and N1-030559

Discussion : CRs 358r2, 362r2 and 345r1 was agreed in CN1-29. This CR proposes to reject the 3 CR's already agreed and replace it with this CR. LS to be sent to SA3 in N1-030888.

Conclusion : Agreed and LS OUT in 888 by Kevan/3

N1-030651 : 24.229v540 **CR#**394, Lucent T., **Type**: CR, **Title**: Re-authentication procedure.

Discussion : Tdoc N1-0303637 covers same section. It was requested that SA lifetime be added to the text in 5.1.1.5.1.

Conclusion : Revised to 883.

N1-030883 : 24.229v540 **CR#**394r1, Lucent T., **Type**: CR, **Title**: Re-authentication procedure.

Discussion : Rewrite 'all earlier' to existing text showing that there is only one previous security association.

Conclusion : Revised to 917

N1-030917 : 24.229v540 **CR#**394r2, Lucent T., **Type**: CR, **Title**: Re-authentication procedure.

Discussion :

Conclusion : Agreed

N1-030653 : 24.229v540 **CR#**396, Lucent T., **Type**:CR, **Title**: Notification about registration state

Discussion :

Conclusion : Withdrawn

N1-030654 : 24.229v540 **CR#**397, Lucent T., **Type**:CR, **Title**: Via header in registration and re-registration.

Discussion :

Conclusion : Revised to 889

N1-030889 : 24.229v540 **CR#**397r1, Lucent T., **Type**:CR, **Title**: Via header in registration and re-registration.

Discussion : Add part of the deleted sentence in 5.4.2.1.2 to the remaining requirement for the S-CSCF to handle NOTIFYs.

Conclusion : Revised to 926

N1-030926 : 24.229v540 **CR#**397r2, Lucent T., **Type**:CR, **Title**: Via header in registration and re-registration.

Discussion :

Conclusion : Agreed

N1-030680 : Lucent T., **Type**:DISCUSSION, **Title**: Security association set-up procedure

Discussion : The document addresses an open issue which is being discussed in SA3, but there is no decision yet on this point.

Conclusion : Noted

N1-030690 : NEC, **Type**:DISCUSSION, **Title**: Discussion on ICID for REGISTER

Discussion : At this meeting, CN1 received a reply LS from SA5 (S5-034261), stating that option B is identified as solution after initial review and SA5 asks CN1 to change all CN1 specifications to only make reference to 32.225 regarding generation and duration of ICID. NEC raises 5 issues in this doument when option B is introduced.

The solution on which a LS was sent in last CN1 meeting was left to SA5. Option B can earliest be agreed by SA5 during this week since the discussion so far was from a subgroup.

Conclusion : Noted

N1-030691 : 24.229v540 **CR#**350r1, NEC, **Type**: CR, **Title**: Clarifications on ICID for REGISTER

Discussion : There is a dependency to SA5 decision.

Conclusion : Postponed

N1-030702 : 24.229v540 **CR#**405, Ericsson, **Type**: CR, **Title**: Supported Integrity algorithms

Discussion :

Conclusion : Revised to 890

N1-030890 : 24.229v540 **CR#**405r1, Ericsson, **Type**: CR, **Title**: Supported Integrity algorithms

Discussion : Should it be the prefered value in the static list of the P-CSCF. Any controversial issue could be left out in the revision. Delete the last part of the text in bullet 2, plus the following note.

Conclusion : Revised to 927

N1-030927 : 24.229v540 **CR#**405r2, Ericsson, **Type**: CR, **Title**: Supported Integrity algorithms

Discussion :

Conclusion : Agreed

N1-030703 : 24.229v540 **CR#**406, Ericsson, **Type**: CR, **Title**: Clean up of the use of the CK

Discussion :

Conclusion : Revised to 893

N1-030893 : 24.229v540 **CR#**406r1, Ericsson, **Type**: CR, **Title**: Clean up of the use of the CK

Discussion : 863 to be reviewed first since these 2 CRs are worked out together to avoid overlapping revised text. The 883 was agreed so this CR is then not needed.

Conclusion : Withdrawn

N1-030717 : 24.229v540 **CR#**412, Nokia, **Type**: CR, **Title**: Registration abnormal cases

Discussion : Some overlapping text is present in the abnormal cases for the user's registration section. In addition to that, some weird conditions, which have no base are present there.

The second case was thought necessary as the network should do something. In the third change there is problem like eg. out of synchronization, and the rewording rather than deletion is needed. Cover page should indicate where the text is duplicated.

Conclusion : Revised to 843

N1-030843 : 24.229v540 **CR#**412r1, Nokia, **Type**: CR, **Title**: Registration abnormal cases

Discussion : The MAC parameter should not be sent in the new challenge, so 'including a valid MAC parameter' is removed from the 401 response in 5.4.1.2.3. Plus change dot to comma. Duplication? In 5.1.1.5.3 the REGISTER request shall contain no RES nor AUTS. 'indicates' changed to 'indicating' in 5.4.1.2.3.

Conclusion : Revised to 928

N1-030928 : 24.229v540 **CR#**412r2, Nokia, **Type**: CR, **Title**: Registration abnormal cases

Discussion :

Conclusion : Agreed

N1-030730 : 24.229v540 **CR#**418, Nokia, **Type**:CR, **Title**: Registratin Event - Shortend

Discussion : Clause 5.1.1.5.2 talks about the registration state "shortened" attribute of the "registration" element, and this is not existing. Instead the "shortened" attribute of a "contact" sub-element was meant.

The IP address need to be related since there can be more contacts.

Conclusion : Revised to 844

N1-030844 : 24.229v540 **CR#**418r1, Nokia, **Type**:CR, **Title**: Registratin Event - Shortend

Discussion :

Conclusion : Agreed

N1-030734: Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the Security-Client header

Discussion :

Conclusion : Noted

N1-030735: Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the Security-Server header

Discussion :

Conclusion : Noted

N1-030736 : Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the Security-Verify header

Discussion :

Conclusion : Noted

N1-030737 : 24.229v540 **CR#**295r3, Lucent T., **Type**:CR, **Title**: Security agreement inclusion in SIP profile

Discussion : A number of headers relating to RFC 3329 are not yet included in the SIP profile, but their use is specified in the main body of the text. In order to sort out the handling of the Require header for this draft, a number of more general changes are needed for the Require and Supported headers.

Conclusion : Revised to 939

N1-030939 : 24.229v540 **CR#**295r4, Lucent T., **Type**:CR, **Title**: Security agreement inclusion in SIP profile

Discussion : Revised due to interaction with 921.

Conclusion : Agreed

N1-030738 : 24.229v540 **CR#**366r2, Lucent T., **Type**:CR, **Title**: Alignment of security header procedures with RFC 3329

Discussion : There are some misalignments between the current procedures of 24.229, and those of RFC 3329. Additionally, there are some additional procedures that need to be specified for header removal that do not exist in RFC 3329.

Conclusion : Not treated

N1-030739 : 24.229v540 **CR#**419, Lucent T., **Type**:CR, **Title**: HSS / S-CSCF text relating to user deregistration

Discussion : Subclause 5.4.1.4, 2nd paragraph, contains text relating to the relationship with the HSS, and whether the S-CSCF is retained on deregistration or not. There are a number of problems with this text:
- the text in the first half of the paragraph bears no relationship to the text in the final part of the paragraph;
- the text contains information about operator policy at the S-CSCF determining whether the S-CSCF is retained for the user or not (assumed to be correct and distinguished by the command sent to the HSS), and also text about the HSS being able to determine that part of the service profile is related (apparently incorrect as there is no information in

29.228 relating to this);
- the text has a number of issues relating to the style which would require some rewriting.
As the text contains no normative statements, and the equivalent text that would need to exist in 5.4.1.5 for network-initiated deregistration does not exist, it is proposed to delete the text in the first half of this paragraph.

Offline discussion to take place for the revision.

Conclusion : Revised to 845

N1-030845 : 24.229v540 **CR#**419r1, Lucent T., **Type**:CR, **Title**: HSS / S-CSCF text relating to user deregistration

Discussion :

Conclusion : Agreed

N1-030776 : 24.229v540 **CR#**437, NEC, **Type**:CR, **Title**: Clarifications on AS procedure on REGISTER request

Discussion : This CR aims at correcting the fact that on REGISTER message reception at S-CSCF,when the same REGISTER message has to be sent to all AS for which Filter criteria match, specific S-CSCF procedure is missing when the AS is located outside the IM CN Subsystems.

It was argued that this CR was not needed as the sending of REGISTERs is sent simultaneously to the ASs and not sequentially,- in between the sound of the unbeatable siren (error in the alarm system). What's the point in setting the filter criteria so that an AS not supporting REGISTER message gets them? The scope of the IMS do not cover a case like proposed here.

Conclusion : Rejected

N1-030787 : 24.229v540 **CR#**439, Nokia, **Type**: CR, **Title**: AS's subscription for the registration state event package

Discussion : There are no procedures desribing the AS's subscription for the registration state event package.

We can not have a hanging paragraph. It does not have to be a default public user identity, any one can be picked. SUBSCRIBE is optional as described with 'may', and the following 'shall' is how to do it if the message is sent.

Conclusion : Revised to 846

N1-030846 : 24.229v540 **CR#**439r1, Nokia, **Type**: CR, **Title**: AS's subscription for the registration state event package

Discussion : Is wrong subclause used? 5.7.1 is preferred. Why must expiry timer be higher? Copied from other part. No reason for it so it can be deleted.

Conclusion : Revised to 929

N1-030929 : 24.229v540 **CR#**439r2, Nokia, **Type**: CR, **Title**: AS's subscription for the registration state event package

Discussion : Remove the proposed new title, and add an 'and' in end of last but one bullet item.

Conclusion : Revised to 940

N1-030940 : 24.229v540 **CR#**439r3, Nokia, **Type**: CR, **Title**: AS's subscription for the registration state event package

Discussion :

Conclusion : Agreed

N1-030792 : 24.229v540 **CR#**440, Nokia, **Type**: CR, **Title**: Temporary Public User Identity in re- and de-REGISTER requests

Discussion : Temporary public user identity shall be used also for de- and re-registration in order to be in-line with SIP RFC 3261.

Was not the original intention to only use the temporary id for initial registrations for terminals without ISIM. MCC to tick NO in boxes for impacted specifications.

Conclusion : Agreed

N1-030797 : 24.228v540 **CR#**110, Nokia, **Type**: CR, **Title**: Removal of the Event header field from the response to the SUBSCRIBE request

Discussion : According to the known bug 677 of RFC 3265, Event header field should not be present in responses to the SUBSCRIBE request.

How are we going to document bugs in IETF specifications. At least a note mentioning the I-D error. Is 24.229 CR needed? The way forward was to do nothing since we stay in line with the main I-D.

Conclusion : Agreed

N1-030798 : 24.228v540 **CR#**111, Nokia, **Type**: CR, **Title**: Expires header alignment with 24.229

Discussion : 24.229 states that the Expires header, or the expires parameter within the Contact header, set to the value of 600 000 seconds as the value desired for the duration of the registration. When sending a final NOTIFY request with all <registration> element(s) having their state attribute set to "terminated" (i.e. all public user identities are deregistered), the S-CSCF shall also terminate the subscription to the registration event package by setting the Subscription-State header to the value of "terminated"

This CR has collision with an already agreed CR. Changes to tables 6.5-1b, 6.5-2b, 16.5-1b and 16.5-3b.

Conclusion : Revised to 847

N1-030847 : 24.228v540 **CR#**111r1, Nokia, **Type**: CR, **Title**: Expires header alignment with 24.229

Discussion :

Conclusion : Agreed

N1-030880 : Vicechair/Richard, **Type**: REPORT, **Title**: IMS Breakout meeting

Discussion : Result of parallell session as announced during agenda discussion.

Conclusion : Noted

7.4 IMS Call initiation

N1-030647 : 24.229v540 **CR#**390, Lucent T., **Type**:CR, **Title**: Mobile-originating case at UE

Discussion : During the P-CSCF discovery procedures, UE learns the IP address of the P-CSCF. However, the protected port at the P-CSCF is conveyed to the UE during the registration procedure.

The protected port is after last successfull authenticated registration. But probably not needed described further.

Conclusion : Agreed

N1-030648 : 24.229v540 **CR#**391, Lucent T., **Type**:CR, **Title**: P-CSCF handling of the Record-Route header in MO requests

Discussion : Incomplete and incorrect text in subclaue 5.2.6.3. When the P-CSCF receives a response destined towards the UE, its URI in the Record-Route header will have the value on which the P-CSCF receives non-UE traffic. This URI has to be replaced with URI that pertains to the security association established from the UE to the P-CSCF.

Another contribution on the same topic in 716. The consistency and structure with the rest of the TS was desired. Make the note normative was requested? The same issue in the opposite direction is described in 650. Merge possible text to the revision of 716.

Conclusion : Rejected

N1-030649 : 24.229v540 **CR#**392, Lucent T., **Type**:CR, **Title**: P-CSCF handling of Route header in MO requests

Discussion : The route sets at each endpoint (i.e. UA) is set when the dialog is established. Subsequent Record-Route headers - if present - do not modify the route. Hence, the P-CSCF should construct and locally store the list of Route

headers when the dialog is established. Subsequently the list of Route headers is fixed. Therefore, there is no need to examine the list of Record-Route headers for the purpose of updating the list of Route headers.

It was commented that the CR could be considered editorial, or an implementation issue.

Conclusion : Rejected

N1-030650 : 24.229v540 **CR#**393, Lucent T., **Type**:CR, **Title**: P-CSCF handling of the Record-Route header in requests terminated at the UE

Discussion : When the P-CSCF receives a response from the UE, the URI in the Record-Route header will have the value that pertains to the security association established from the UE to the P-CSCF. This URI has to be replaced with the URI on which P-CSCF receives non-UE traffic.

These changes from bullet 3 onwards was said not needed and is not considered in the 716 alternative proposal. Should Record-Route be stored or not. P-CSCF needs the 2 steps in order to eventually release the session. The subset can not be removed was argued, due to possible future expansion that 'the UE' is not the final endpoint. Merge possible text to the revision of 716.

Conclusion : Rejected

N1-030692 : 24.229v540 **CR#**343r3, NEC, **Type**: CR, **Title**: UE/network behaviour on reception of 420 (Bad Extension) message

Discussion : CR 343r2 was agreed in CN1-29. Not presented.

Conclusion : Revised to 803

N1-030803 : 24.229v540 **CR#**343r4, NEC, **Type**: CR, **Title**: UE/network behaviour on reception of 420 (Bad Extension) message

Discussion : CR 343r2 was agreed in CN1-29. According to the discusion notes of 3GPP-IETF workshop , it is indicated that on the reception of a 420 (Bad Extension) response, it is up to operators policy whether the network should abort the session or the UE should not send a new INVITE.

Operator policy is not implementable in the UE.

Conclusion : Rejected

N1-030693 : 24.229v540 **CR#**399, NEC, **Type**: CR, **Title**: Clarifications on general purpose PDP context

Discussion : At the previous CN1#28, in order for the RAN to determine that the traffic is IMS signalling, the QoS IE was modified for being aware at PDP context activation time. During the discussion, it was clarified whether it is up to local policy or not wether the dedicated PDP context should be used with SIP signalling bearers at the network. The CR proposes such a sentence.

The sentence added is not implementable. No requirements was identified for this sentence.

Conclusion : Rejected

N1-030694 : 24.229v540 **CR#**356r2, NEC, **Type**: CR, **Title**: Addition of procedures at the AS for SDP

Discussion : AS can initiate or terminate INVITE with SDP when acting as originating UA, terminating UA or third party call control role. However, currently there is no description on procedures for SDP at the AS. This document is postponed from the previous meeting.

A conferencing CR for Rel-6 to this meeting also addressed the issue. An AS can have so many services that a generic mechanism for handling SDP or not does not seem feasable. A possibility is only to mention that SDP may be supported. Preconditions could be mandated for UE originated, but not for AS originated sessions. And a terminating session does not have requirements to mandate preconditions, and resources should be allocated locally. Procedures full of 'may' gives full freedom and is needless in a specification. Could any 'shall's' be identified?

Conclusion : Revised to 850

N1-030850 : 24.229v540 **CR#**356r3, NEC, **Type**: CR, **Title**: Addition of procedures at the AS for SDP

Discussion : This is the SDP level and therefore the 'shall' needs to be changed. Delete last sentence of bullet point one.

Conclusion : Revised to 942

N1-030942 : 24.229v540 **CR#**356r4, NEC, **Type**: CR, **Title**: Addition of procedures at the AS for SDP

Discussion :

Conclusion : Agreed

N1-030697 : 24.229v540 **CR#**402, Siemens, **Type**: CR, **Title**: Handling of P-Asserted ID in MGCF

Discussion : In 24.229 it is stated that in case of a IMS to PSTN call the MGCF shall set up the P-Asserted-ID header in 183 Session Progress. But when sending the 183 Response the MGCF has no knowledge of the identiy of the connected party.

At interworking with ISUP it is received in CONNECT. Better not do the second change and leave this to the interworking specification.

Conclusion : Revised to 848

N1-030848 : 24.229v540 **CR#**402r1, Siemens, **Type**: CR, **Title**: Handling of P-Asserted ID in MGCF

Discussion :

Conclusion : Agreed

N1-030698 : 24.229v540 **CR#**403, Siemens, **Type**: CR, **Title**: Handling of P-Asserted ID in P-CSCF for terminating call

Discussion : In case of MTC the terminating P-CSCF shall include a P-Asserted-Identity header. This allows the originating side to display the identity of the connected party to the originating user. In case of interworking to PSTN this is needed for COLP.

In case of forwardings the hiding of identity is handled by the presence draft. This CR is already covered in 5.2.6.

Conclusion : Rejected

N1-030704 : 24.228v540 **CR#**104r2, Ericsson, **Type**: CR, **Title**: General update (SDP) to clauses 7 and 8

Discussion : CR 104r1 was agreed in CN1-29 in 502, and is now overridden.

Conclusion : Agreed

N1-030705 : 24.229v540 **CR#**407, Ericsson, **Type**: CR, **Title**: RFC 3524, Single Reservation Flows

Discussion : RFC 3524, Single Reservation Flows is available. Old internet draft is obsolete.

772 is also handling this issue, and that was then volountered to be withdrawn, leaving revision to 705 only.

Conclusion : Revised to 851

N1-030851 : 24.229v540 **CR#**407r1, Ericsson, **Type**: CR, **Title**: RFC 3524, Single Reservation Flows

Discussion :

Conclusion : Agreed

N1-030706 : 24.229v540 **CR#**408, Ericsson, **Type**: CR, **Title**: 488 Responses apply only to requests

Discussion : Overlap with 770 covering the same issue.

Conclusion : Withdrawn

N1-030716 : 24.229v540 **CR#**411, Nokia, **Type**: CR, **Title**: Port numbers in the RR header entries

Discussion : Currently in the TS it is said that the P-CSCF inserts the port number of the UE into the RR header entries. While this is right in one direction, it has to be rewritten in responses in order to allow allow subsequent requests from that direction also.

The alternative proposals are in 648 and 650 covering one direction each. The Nokia CR contains both directions and also the sigcomp, but has less elaborated text. Decided to use 716 as base for the revision.

Conclusion : Revised to 849

N1-030849 : 24.229v540 **CR#**411r1, Nokia, **Type**: CR, **Title**: Port numbers in the RR header entries

Discussion :

Conclusion : Revised to 941

N1-030941 : 24.229v540 **CR#**411r2, Nokia, **Type**: CR, **Title**: Port numbers in the RR header entries

Discussion : Quotes for comp?

Conclusion : Agreed

N1-030719 : 24.229v540 **CR#**414, Nokia, **Type**: CR, **Title**: Corrections to 5.4.3.3

Discussion : There are some inconsistencies in the procedures related to the calls to unregistered users; there is one requirement that the S-CSCF informs the HSS about the termination of the call to the unregistered user, the other requirement is to execute some routing related procedures after the call terminates (?!). These requirements should be removed.

Some removed text needs to be maintained, eg. the privacy, charging and Record Route.

Conclusion : Revised to 853

N1-030853 : 24.229v540 **CR#**414r1, Nokia, **Type**: CR, **Title**: Corrections to 5.4.3.3

Discussion : Rev 1 missing on the cover. What formatting is meant? 'And' is missing.

Conclusion : Revised to 930

N1-030930 : 24.229v540 **CR#**414r2, Nokia, **Type**: CR, **Title**: Corrections to 5.4.3.3

Discussion : Since 931 was approvered, and it covered the changes from here the CR was not needed. Not available.

Conclusion : Withdrawn

N1-030722 : 24.229v540 **CR#**417, Ericsson, **Type**: CR, **Title**: Introduction of RTCP bandwidth

Discussion : Introduction of RTCP bandwidth UL/DL within the SDP according to the IETF draft-ietf-avt-rtcp-bw-05. This will introduce a more flexible and optimal handling of resources.

Since this is Rel-5, what is the status of the IETF draft? In the queue,- waiting for RFC number. Some editorials to change,- the name of the draft and a formatting problem.

Conclusion : Revised to 872

N1-030872 : 24.229v540 **CR#**417r1, Ericsson, **Type**: CR, **Title**: Introduction of RTCP bandwidth

Discussion :

Conclusion : Agreed

N1-030723 : Ericsson, **Type**: DISCUSSION, **Title**: Resource reservation for a general-purpose PDP context

Discussion :

Conclusion : Not available

N1-030724 : 24.229v540 **CR#**329r1, Ericsson, **Type**: CR, **Title**: Correction of SDP for the UE

Discussion :

Conclusion : Withdrawn

N1-030729 : 24.229v540 **CR#**332r3, Ericsson, **Type**: CR, **Title**: Change of IP address for the UE

Discussion : If the UE change the IP address while registered to IMS, the UE shall perform a new registration with the new IP-address. As a result of incoming LS N1-030588 from SA2, it is required from SA2 that re-registration due to privacy shall be performed by deregistering from IMS followed by a new registration. Registration due to e.g. changes caused by the underlying GPRS network is not considered in this CR.

Any ongoing session will be lost at the change and this needs to be stated clearly as normative text according to comments. By changing the prefix the whole IP address is changed was also noted. Rewordings offline were encouraged. The connection do not have to be maintained. What about a new P-CSCF discovery?

Conclusion : Revised to 854

N1-030854 : 24.229v540 **CR#**332r4, Ericsson, **Type**: CR, **Title**: Change of IP address for the UE

Discussion : Not presented.

Conclusion : Revised to 923

N1-030923 : 24.229v540 **CR#**332r5, Ericsson, **Type**: CR, **Title**: Change of IP address for the UE

Discussion :

Conclusion : Agreed

N1-030740 : Lucent T., **Type**: DISCUSSION, **Title**: Discussion on the use of privacy in release 5 IM CN subsystem

Discussion :

Conclusion : Postponed

N1-030741 : 24.229v540 **CR**#367r1, Lucent T., **Type**: CR, **Title**: Completion of major capabilities table in respect of privacy

Discussion :

Conclusion : Postponed

N1-030742 : 24.229v540 **CR**#420, Lucent T., **Type**: CR, **Title**: Privacy considerations for the UE

Discussion :

Conclusion : Postponed

N1-030743 : 24.229v540 **CR**#421, Lucent T., **Type**: CR, **Title**: Handling of unknown methods at the P-CSCF

Discussion : There is potential for confusion over which procedures should be followed for unknown methods, both within an existing dialog, and for those for which a dialog does not exist. This CR attempts to remove that confusion. Within an existing dialog, the procedures to be followed is identical to those for subsequent transactions, not those labelled as unknown method in subclause 5.2.6.3. Where no existing dialog exists, then the procedures to be followed should be those for standalone transactions, rather than those for initial requests of a dialog. The existing 5.2.6.3 text which does cover this case for an unknown method is the same as that for a standalone transaction, with the exception that no icid is generated. This distinction does not need to exist in 5.2.6.4 (requests terminated by the UE).

Conclusion : Agreed

N1-030788 : 23.218v540 **CR#**051, Nokia, **Type**: CR, **Title**: S-CSCF behavior correction to enable call forwarding

Discussion : Call forwarding is disabled in Rel-5 by S-CSCF behavior. Currently, the terminating S-CSCF always replaces the Request-URI with Contact address without even checking whether a forwarding application (located in an AS) has modified the Request-URI. Additional step is proposed to make a comparison on the incoming Request-URI and the Request-URI after the request has visited all the ASs.

Conclusion : Revised to 855

N1-030855 : 23.218v540 **CR#**051r1, Nokia, **Type**: CR, **Title**: S-CSCF behavior correction to enable call forwarding

Discussion :

Conclusion : Agreed

N1-030789 : 24.229v540 **CR**#369r1, Nokia, **Type**: CR, **Title**: S-CSCF behavior correction to enable call forwarding

Discussion : Same as for 788.

Why do we need to stop further processing of filter criteria if the Request-URI gets changed? Due to the original Request-URI is gone? Is this configuration dependant? Is it important in what sequence services is handled? Numbering conflict with another CR needs to be resolved.

Conclusion : Revised to 856

N1-030856 : 24.229v540 **CR**#369r2, Nokia, **Type**: CR, **Title**: S-CSCF behavior correction to enable call forwarding

Discussion : Still conflicting CR area.

Conclusion : Revised to 931

N1-030931 : 24.229v540 **CR**#369r3, Nokia, **Type**: CR, **Title**: S-CSCF behavior correction to enable call forwarding

Discussion :

Conclusion : Agreed

7.5 IMS Call clearing

N1-030699 : 24.229v540 **CR#**404, Siemens, **Type**: CR, **Title**: S-CSCF initiated release of calls to circiut switched network

Discussion : When the MGCF receives a BYE request from the IMS then the MGCF shall release the call towards the circuit switched network.

This is in the grey area and should be in an interworking specification since 24.229 handles the SIP part only. Describe the action towards circuit switched network in a note. This occurs also other places in the TS and the note should not be made as a unique case.

Conclusion : Revised to 873

N1-030873 : 24.229v540 **CR#**404r1, Siemens, **Type**: CR, **Title**: S-CSCF initiated release of calls to circiut switched network

Discussion :

Conclusion : Agreed

N1-030707 : 24.229v540 **CR#**409, Ericsson, **Type**: CR, **Title**: Cancellation of dialogs

Discussion : It is clarified that:
The condition to send a CANCEL request is restricted to dialogs created with an INVITE request.
The CANCEL request has to follow the same direction as the INVITE request (i.e., from called to calling side).
As the CANCEL has to follow the same direction as the INVITE request, only the originating P-CSCF can send a CANCEL request, but not the terminating. The terminating P-CSCF could send a CANCEL request to the served UE, but that is the UE that has gone out of radio coverage.

Use 480 (Temporary unavailable) instead of the proposed 404. Can number of paragraphs be reduced,- or the whole procedure deleted if no optimisation is achieved?

Conclusion : Revised to 874

N1-030874 : 24.229v540 **CR#**409r1, Ericsson, **Type**: CR, **Title**: Cancellation of dialogs

Discussion : Not presented.

Conclusion : Revised to 922

N1-030922 : 24.229v540 **CR#**409r2, Ericsson, **Type**: CR, **Title**: Cancellation of dialogs

Discussion : Not possible to agree to deletion of a paragraph.

Conclusion : Rejected

7.6 Other IMS issues

N1-030591: Nokia, **Type**: DISCUSSION, **Title**: Rework of Profile Tables

Discussion : During the last weeks several discussions about the 24.229 Profile Tables occurred. It became clear that some major changes to these tables would be required and that those can only be done during CN1#30 meeting, as this is the last chance to change 24.229 before the "deep-freezing" of Rel-5 specifications. They are detailed in related tdocs N1-030592, N1-030593, N1-030594, N1-030595, N1-030596, N1-030597, N1-030603.

The presentation on how the profiles work is provided to this meeting. ISO documents also exists about profiles. The Typhon project is also using something similar to the profile tables, but it was mentioned that they were for internal use. The problem is the complexity to read and understand the tables. The profiles are intended for clear criterias and a major user of this would be for conformance testing purposes. Should T1 be consulted to leave this work for them or to comment our protocol or even use the profiles for their work? This was objected. Another aspect of the intention is to have the profiles do simplifications to the many optionalities in I-Ds etc. Major capabilities is not informative and should be brought in early of the TS layout. The profiles gives the static requirements, but T1 would need to study the text to define the dynamic tests. One view was to keep the tables due to shrinking resources for testwork. The discussion is not to delete the tables but to make the tables informative and/or more readable. This static conformance part can help operators when understanding the products offered.

Conclusion : Noted

N1-030592 : 24.229v540 **CR#**371, Nokia, **Type**: CR, **Title**: Profile Tables - Transparency

Discussion : Handled in an evening sesion.

Conclusion : Revised to 858

N1-030858 : 24.229v540 **CR#**371r1, Nokia, **Type**: CR, **Title**: Profile Tables - Transparency

Discussion :

Conclusion : Agreed

N1-030593 : 24.229v540 **CR#**372, Nokia, **Type**: CR, **Title**: Profile Tables - Terminology

Discussion :

Conclusion : Withdrawn

N1-030594 : 24.229v540 **CR#**373, Nokia, **Type**: CR, **Title**: Profile Tables - Restructure

Discussion :

Conclusion : Withdrawn

N1-030595 : 24.229v540 **CR#**374, Nokia, **Type**: CR, **Title**: Profile Tables - Informative PDU Parameters

Discussion :

Conclusion : Withdrawn

N1-030596 : 24.229v540 **CR#**375, Nokia, **Type**: CR, **Title**: Profile Tables - Major Capability Corrections

Discussion : Many problems have been identified in the Major Capabilitiy Tables in Annex A of 24.229.

When major capability is deleted there is a need to update reference(s) throughout the tables. Some of the major capabilities which are proposed for removal are used as conditions in other tables and therefore need to be kept. Therefore no deletions were wanted. Discussion on whether the support of privacy is “m” or “o”. Unresolved issues on Privacy will be left out of the tables now and left as it is. Suggestion that messages related with session setup are made conditional to a new major capability to set up multimedia session (INVITE, UPDATE, 100rel). Some applications do not use INVITE, and could maybe be solved by dependency on multimedia session.

Conclusion : Revised to 860

N1-030860 : 24.229v540 **CR#**375r1, Nokia, **Type**: CR, **Title**: Profile Tables - Major Capability Corrections

Discussion :

Conclusion : Agreed

N1-030597 : 24.229v540 **CR#**376, Nokia, **Type**: CR, **Title**: Profile Tables - Deletion of Elements not used in 24.229

Discussion :

Conclusion :Revised to 894

N1-030894 : 24.229v540 **CR#**376r1, Nokia, **Type**: CR, **Title**: Profile Tables - Deletion of Elements not used in 24.229

Discussion : Not presented.

Conclusion : Revised to 921

N1-030921 : 24.229v540 **CR#**376r2, Nokia, **Type**: CR, **Title**: Profile Tables - Deletion of Elements not used in 24.229

Discussion : Interaction with 2 other CRs in 750 and 737 resulting in revising those two and keep 921 as it is.

Conclusion : Agreed

N1-030603 : 24.229v540 **CR#**438, Nokia, **Type**: CR, **Title**: Profile Tables – Further Corrections

Discussion : 1) Table A.119, item 5 indicates that the Authorization header is 'n/a' in the REGISTER request – this is not in-line with e.g. 5.1.1.2 where it is said: On sending a REGISTER request, the UE shall populate the header fields as follows:
a) the Authorization header, with the username field, set to the value of the private user identity;
Therefore the authorization header is set to 'm' in Table A.119.
2) Tabel A.134 makes Content-* headers mandatory for the SUBSCRIBE request – this is wrong. Also these header are optional to be received by the UE.

Second change was not correct.

Conclusion : Revised to 861

N1-030861 : 24.229v540 **CR#**438r1, Nokia, **Type**: CR, **Title**: Profile Tables – Further Corrections

Discussion : Strange format on table numbering with A and a.

Conclusion : Revised to 935

N1-030935 : 24.229v540 **CR#**438r2, Nokia, **Type**: CR, **Title**: Profile Tables – Further Corrections

Discussion :

Conclusion : Agreed

N1-030622 : 24.229v540 **CR#**379, Orange, **Type**: CR, **Title**: 'Last registered public user identity' terminology change

Discussion : The wording 'last registered public user identity' is misleading as two different meanings can be understood:
- public user identity that has been registered at the latest registration
- the only public user identity remaining registered (the user has only one public user identity currently registered,

associated with the implicitly registered public user identities.
The second understanding is the correct one.

Implicit identities need to be considered by rewording. Should the wording also include what is needed for Rel-6? It looks different for P-CSCF and for the UE, but similar for S-CSCF.

Conclusion : Revised to 862

N1-030862 : 24.229v540 **CR#**379r1, Orange, **Type**: CR, **Title**: 'Last registered public user identity' terminology change

Discussion : Changed before presentation to avoid colliding text with another CR.

Conclusion : Revised to 920

N1-030920 : 24.229v540 **CR#**379r2, Orange, **Type**: CR, **Title**: 'Last registered public user identity' terminology change

Discussion : Agreed

Conclusion : Agreed

N1-030643 : 24.229v540 **CR#**388, 3, **Type**: CR, **Title**: Corrections to use of IK

Discussion : Made changes to clarify that message are protected using a security association rather than a key. Changed reference to IPsec algorithm, just algorithms.

Wrong tdocnumber and CR number used, interswitched with 644. The change makes inconsistency.

Conclusion : Revised to 863

N1-030863 : 24.229v540 **CR#**388r1, 3, **Type**: CR, **Title**: Corrections to use of IK

Discussion :

Conclusion : Agreed

N1-030644 : 24.229v540 **CR#**389, 3, **Type**: CR, **Title**: Corrections to use of RES/XRES

Discussion : Text is changed to say that a response that was calculated using RES is sent from the UE to the S-CSCF rather than RES. It is also clarified that the response is checked against an expected response calculated from XRES.

Wrong tdocnumber and CR number used, interswitched with 643.

Conclusion : Revised to 864

N1-030864 : 24.229v540 **CR#**389r1, 3, **Type**: CR, **Title**: Corrections to use of RES/XRES

Discussion : Not available

Conclusion : Withdrawn

N1-030645 : 3, **Type**: DISCUSSION, **Title**: Alignment with SA3 specifications for SA lifetime management

Discussion : CN1 documents 493 though 496 were agreed at CN1#29 in Sophia Antipolis. The purpose of this document is to review this decision. The reason to review the documents is illustrated by the following two extracts,
Extract from CN1-030493 (ref 2):
"The P-CSCF shall use the value found in the Expires header as the lifetime value for this public user identity, and compare it with all other locally stored registration lifetimes that utilise this security association. The P-CSCF shall select the longest registration lifetime as the SIP level lifetime for this security association;
Extracts from TS 33.203 (ref 1):
The P-CSCF sets the expiry time of the new SAs equal to the maximum of registration timer in the message and the lifetime of the old SAs.
The P-CSCF shall monitor the expiry time of registrations without authentication and adjust the lifetime of SAs it holds to ensure that they live longer than the expiry time given in the registration.

Unfortunate to specify same things in two documents. LS's in ping pong is not very efficient. Which of the 2 documents should adapt to the other? CN1 wanted to keep the already agreed CRs, and liaise to SA3 to propose alignment based on 24.229 CRs 304, 344, 345 and 346

Conclusion : Noted and LS OUT in 888 by Kevan/ Three

N1-030652 : 24.229v540 **CR#**395, Lucent T., **Type**: CR, **Title**: Replacement of SIP URL with SIP URI

Discussion : Global replacement of term "SIP URL" with "SIP URI", and URL with URI when appropriate.

However TEL URL is the term to be used when appropriate.

Conclusion : Agreed

N1-030695 : 24.229v540 **CR#**400, NEC, **Type**: CR, **Title**: The principles of the usage of SIP/SDP

Discussion : In new subclause 4.1.A, new title is added like the principle of the usage of SIP/SDP and other protocols within IM CN subsystem. The contents is moved from note of the scope and also includes the principles of application to 3GPP profile of SIP and SDP in Annex A.

The note was argued to be part of the scope, and that the new paragraph seemed already covered in 4.1.

Conclusion : Rejected

N1-030696 : 24.229v540 **CR#**401, NEC, **Type**: CR, **Title**: Clarifications on AS provided by the third party service providers

Discussion : In the current subclause 4.4, it is ambiguous that AS provided by the third party service providers means the AS outside the IM CN subsystems or not.

It was questioned whether third party provider and AS outside the IM CN subsystem is the same. Probably the third party provider could be inside, and if outside or both the need for the additional text seems unnecessary. SA2 could not agree that there is an AS outside the IM CN subsystem.

Conclusion : Revised to 867

N1-030867 : 24.229v540 **CR#**401r1, NEC, **Type**: CR, **Title**: Clarifications on AS provided by the third party service providers

Discussion :

Conclusion : Not available

N1-030708 : 24.229v540 **CR#**410, Vodafone, **Type**: CR, **Title**: Clarification of the S-CSCF's handling of the P-access-network-info header

Discussion : Currently, section 5.4.3.2 creates confusion as to whether or not the p-access-network-info header should be removed from a SIP message if the 'destination network' it is being routed towards is the same network as the home network. This could lead to the p-access-network-info header being transferred all the way to a UE. This is not allowed.

Some wordings about requirements above and below trusted domain elsewhere in the TS is needed. Same procedures need to be done to terminating procedures.

Conclusion : Revised to868

N1-030868 : 24.229v540 **CR#**410r1, Vodafone, **Type**: CR, **Title**: Clarification of the S-CSCF's handling of the P-access-network-info header

Discussion :

Conclusion : Agreed

N1-030718 : 24.229v540 **CR#**413, Nokia, **Type**: CR, **Title**: AS procedures

Discussion : The text mandates the AS to be a registrar, while the S-CSCF already performs this role. As 3rd party registers are sent whenever a REGISTER request is sent by the UE (being that initial, re-, or de-registration), the AS

will always be up to date about the registration status of the user and as such the AS being a registrar does not have any added value.

The AS could need the expires header etc stored in eg. reset situations. If the AS choose not to subscribe to the registration event this option do not require storing, thus saying the AS 'may' be a registrar oppsite to 'shall'.

Conclusion : Revised to 869

N1-030869 : 24.229v540 **CR#**413r1, Nokia, **Type**: CR, **Title**: AS procedures

Discussion : Not available

Conclusion : Withdrawn

N1-030744 : Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the P-Associated-URI header

Discussion : This and the following information documents are seen earlier and the related CR needs to be looked at again. And with the new individual CRs that seems to be agreed on in the area of profiles, it must be a clear sequence on how to implement those or merge it all to one CR.

Conclusion : Noted

N1-030745 : Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the P-Called-Party-ID header

Discussion :

Conclusion : Noted

N1-030746 : Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the P-Visited-Network-ID header

Discussion :

Conclusion : Noted

N1-030747 : Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the P-Access-Network-Info header

Discussion :

Conclusion : Noted

N1-030748 : Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the P-Charging-Function-Addresses header

Discussion :

Conclusion : Noted

N1-030749 : Lucent T., **Type**: INFORMATION, **Title**: An analysis of the requirements for the P-Charging-Vector header

Discussion :

Conclusion : Noted

N1-030750 : 24.229v540 **CR#**322r4, Lucent T., **Type**: CR, **Title**: 3GPP P-header inclusion in SIP profile

Discussion : This is the CR resulting from all information documents above.

Conclusion : Revised to 938

N1-030938 : 24.229v540 **CR#**322r5, Lucent T., **Type**: CR, **Title**: 3GPP P-header inclusion in SIP profile

Discussion : Revised due to interaction with 921.

Conclusion : Agreed

N1-030751 : 24.229v540 **CR#**422, Lucent T., **Type**: CR, **Title**: Definitions and abbreviations update

Discussion : The abbreviation FQDN is now used throughout the text. The abbreviation should therefore be included in subclause 3.2. In addition, this term should be defined, although there does not seem to be an appropriate RFC that makes a definition. One is therefore defined in full.
HSS is now used throughout the document therefore a definition should be inserted in subclause 3.1 and the abbreviation itself in subclause 3.2.
The abbreviation IPSec is used thoughout the document and should be defined; however the correct abbreviation is IPsec (as may be seen from the appropriate RFCs) and this needs to be corrected throughout the document.
Subclause 3.2 defines an abbreviation for application server. In a number of instances in the text itself, that abbreviation is not made. Note that where it appears in titles, then this is in general left in full for clarity.
The definition for B2BUA given in RFC 3261 is somewhat limited with regard to the intended usage for an AS, and may give the impression that the functionality of an AS is somewhat more limited than it is. An enhanced definition has been discussed on the IETF SIP list (although not currently accepted for usage in RFC 3261 because RFC 3261 does not actually use such a term within its contents). This definition did receive some support of the IETF SIP list.

FQDN can be referenced RFC 1594 instead of defining it. Should the definition of B2BUA be more constraint, and why not stick with the definition from RFC 3261? The RFC defines the term but do not use it. If we need a new definition it could be with a new name. The arbitrary number of 'n' was commented. It was debated if there is a clear relationship between the two sides of an B2BUA. The issue needs to be adressed later, but it could be taken out of this CR.

Conclusion : Revised to 870

N1-030870 : 24.229v540 **CR#**422r1, Lucent T., **Type**: CR, **Title**: Definitions and abbreviations update

Discussion :

Conclusion : Agreed

N1-030752 : 24.229v540 **CR#**423, Lucent T., **Type**: CR, **Title**: Removal of hanging paragraph

Discussion : In subclause 5.7, the note here forms a hanging paragraph which is precluded by the editing rules. Consideration of the content indicates that it would actually be better placed in subclause 4.1, and therefore it has been moved there. Additionally, a capitalisation error is corrected in the title of 5.7.1.

Conclusion : Agreed

N1-030753 : 24.229v540 **CR#**424, Lucent T., **Type**: CR, **Title**: Access network charging information

Discussion : A previous change (CR319R2) to 24.229 changed the term "access network information" in the charging parameters to "access network charging information". However a few instances were not changed and these are completed in this CR. There is an instance of "P-Charging-Vector parameter" that is more correctly "P-Charging-Vector header" and this is changed accordingly.

Conclusion : Agreed

N1-030754 : 24.229v540 **CR#**425, Lucent T., **Type**: CR, **Title**: UE procedure tidyup

Discussion : Harmonization is sought achieved. Subclause 5.1.1.5.3 was questioned. A collision with another CR was noted.

Conclusion : Revised to 871

N1-030871 : 24.229v540 **CR#**425r1, Lucent T., **Type**: CR, **Title**: UE procedure tidyup

Discussion :

Conclusion : Agreed

N1-030755 : 24.229v540 **CR#**426, Lucent T., **Type**: CR, **Title**: P-CSCF procedure tidyup

Discussion :

Conclusion : Agreed

N1-030756 : 24.229v540 **CR#**427, Lucent T., **Type**: CR, **Title**: I-CSCF procedure tidyup

Discussion : There are a number of instances in the text were "initial request" really means "initial request for a dialog or standalone transaction". Without that expansion, the understanding that it also applies to standalone transactions could be lost, and therefore the text is expanded.

Conclusion : Agreed

N1-030757 : 24.229v540 **CR#**428, Lucent T., **Type**: CR, **Title**: S-CSCF procedure tidyup

Discussion :

Conclusion : Agreed

N1-030758 : 24.229v540 **CR#**429, Lucent T., **Type**: CR, **Title**: BGCF procedure tidyup

Discussion : Subclause 5.6.1, 2nd paragraph. Inclusion of the P-Charging-Vector and P-Charging-Functional-Addresses header into ACK and CANCEL is precluded by RFC 3455, and therefore this restriction also needs to be written into this paragraph, where such inclusion is currently allowed. The text is therefore modified accordingly.

Conclusion : Agreed

N1-030759 : 24.229v540 **CR#**430, Lucent T., **Type**: CR, **Title**: AS procedure tidyup

Discussion :

Conclusion : Agreed

N1-030760 : 24.229v540 **CR#**431, Lucent T., **Type**: CR, **Title**: MRFC procedure tidyup

Discussion :

Conclusion : Agreed

N1-030767 : Lucent T., **Type**: DISCUSSION, **Title**: Presentation on ICS proforma and profiles

Discussion :

Conclusion : Not treated

N1-030768 : 24.229v540 **CR#**432, Lucent T., **Type**: CR, **Title**: Charging references in 4.1

Discussion :

Conclusion : Not treated

N1-030769 : 24.229v540 **CR#**433, Lucent T., **Type**: CR, **Title**: MGCF procedure tidyup

Discussion :

Conclusion : Not treated

N1-030770 : 24.229v540 **CR#**434, Lucent T., **Type**: CR, **Title**: SDP procedure tidyup

Discussion : Subclause 6.2, 1st paragraph. The procedure specified here is only possible for requests. It is not possible to specify a response to a response. Therefore it is proposed to modify the text to make it only applicable to requests.
Subclause 6.2, 2nd paragraph. There is a mandatory modal auxiliary verb in this paragraph that conveys a requirement on the UE, yet the scope of the paragraph is to the P-CSCF. It is proposed that this is changed to "is".
Subclause 6.3, 1st paragraph. The procedure specified here is only possible for requests. It is not possible to specify a response to a response. Therefore it is proposed to modify the text to make it only applicable to requests.

Discussion went around earlier CRs on when and what is the possibilities and constraints to the offer/answer procedure. The response in 6.2 6th line should also be removed. Proposal to inform SA2, but a company discussion paper was chosen as the the way forward.

Conclusion : Revised to 852

N1-030852 : 24.229v540 **CR#**434r1, Lucent T., **Type**: CR, **Title**: SDP procedure tidyup

Discussion : The only change since the previous version is that the text “or response” is deleted in the first paragraph of 6.2 and 6.3.

Conclusion : Agreed

N1-030771 : 24.229v540 **CR#**435, Lucent T., **Type**: CR, **Title**: Compression procedure tidyup

Discussion :

Conclusion : Not treated

N1-030772 : 24.229v540 **CR#**436, Lucent T., **Type**: CR, **Title**: Reference updates

Discussion : Overlap with 705.

Conclusion : Withdrawn

N1-030895 : 23.218v540 **CR#**055, Nokia, **Type**: CR, **Title**: Filtering of unknown header fields and header parameters

Discussion : Not presented due to wrong CR number was given out,- needs to be changed to avoid a dublicate.

Conclusion : Revised to 924

N1-030924 : 23.218v540 **CR#**055r1, Nokia, **Type**: CR, **Title**: Filtering of unknown header fields and header parameters

Discussion :

Conclusion : Agreed

N1-030897 : 23.218v540 **CR#**053, Lucent T., **Type**: CR, **Title**: Flow number corrections in Annex B

Discussion :

Conclusion : Not treated

N1-030898 : 23.218v540 **CR#**054, Lucent T., **Type**: CR, **Title**: Minor terminology corrections

Discussion :

Conclusion : Not treated

N1-030899 : Lucent T., **Type**: DISCUSSION, **Title**: Discussion document on PDU parameter documentation in profile table

Discussion :

Conclusion : Not treated

7.7 Minor IMS issues

N1-030720 : 24.229v540 **CR#415**, Nokia, **Type**: CR, **Title**: Minor correction to section 5.4.5.1.2

Discussion :

Conclusion : Agreed

7.8 IMS: 23.218

N1-030662 : Marconi, **Type**: DISCUSSION, **Title**: Service Key Clarification

Discussion : At the last meeting there was a proposal from NEC (ref N1-030423) to clarify the text concerning Service Key usage as described in TS 23.218. As consensus could not be achieved, discussion on this proposal was postponed to the next meeting. This discussion paper looks at the issues raised by the NEC proposal and traces the use of Service Key as described in associated IMS specifications. If agreement is reached on the conclusions of this discussion paper then a 23.218 Change Request implementing these conclusions should be reviewed, see TD N1-030663 to this meeting.
The Service Key is neither stored nor used by the S-CSCF.
Service Key information is held on the HSS with other subscriber information.
For CAMEL services, Service Key is part of the CAMEL Subscription Information (CSI) which is downloaded from the HSS to the IM-SSF via the Si interface.
For non-CAMEL services a Service Key may also be provided as part of the Application Service Data downloaded to the Application Server from the HSS via the Sh interface.
Service Key is not part of the Initial Filter Criteria downloaded via the Cx interface from the HSS to the S-CSCF.

Conclusion : Noted

N1-030663 : 23.218v540 **CR#**048, Marconi, **Type**: CR, **Title**: Clarification concerning the use of Service Key

Discussion :

Conclusion : Agreed

N1-030686 : 23.218v540 **CR#**043r2, NEC, **Type**: CR, **Title**: Correction on Handling of MO request

Discussion : CR 043r1 was agreed in CN1-29. Not presented.

Conclusion : Revised to 804

N1-030804 : 23.218v540 **CR#**043r3, NEC, **Type**: CR, **Title**: Correction on Handling of MO request

Discussion : CR 043r1 was agreed in CN1-29. It is corrected that a request shall first be identified as MO or MT in order to perform the matching procedure with SPT within initial filter criteria and then the specific initial Filter Criteriashall be determined. At the same time, wording is improved in §6.4 and the same wording improvment applies for §6.5.

It was questioned what additional information in this CR revision gives which is not covered in the bullet points. Rewordings or ? Missing word in 6.5.1

Conclusion : Revised to 876

N1-030876 : 23.218v540 **CR#**043r4, NEC, **Type**: CR, **Title**: Correction on Handling of MO request

Discussion : CR 043r1 was agreed in CN1-29. Missing the word 'request'.

Conclusion : Revised to 943

N1-030943 : 23.218v540 **CR#**043r5, NEC, **Type**: CR, **Title**: Correction on Handling of MO request

Discussion : CR 043r1 was agreed in CN1-29.

Conclusion : Agreed

N1-030687 : 23.218v540 **CR#**047r2, NEC, **Type**: CR, **Title**: Clarifications on service key

Discussion :

Conclusion : Rejected

N1-030688 : 23.218v540 **CR#**044r2, NEC, **Type**: CR, **Title**: Corrections regarding SPTs and Filter Criteria handling on REGISTER request

Discussion : CR 044r1 was agreed in CN1-29. Not presented.

Conclusion : Revised to 805

N1-030805 : 23.218v540 **CR#**044r3, NEC, **Type**: CR, **Title**: Corrections regarding SPTs and Filter Criteria handling on REGISTER request

Discussion : CR 044r1 was agreed in CN1-29. The additions from the agreed CR is restructuring according to stage 3, and in this stage 2 that is not needed. Dublications are not needed.

Conclusion : Rejected

N1-030689 : 23.218v540 **CR#**049, NEC, **Type**: CR, **Title**: Clarifications on AS adress

Discussion : It is corrected that that AS adresses within initial filter criteria can be AS adresses outside the IM CN Subsytems with the conditions as described in subclause 4.4.

Seems the issue raised does not matter. No wording on AS outside the IM CN subsystem can be accepted.

Conclusion : Rejected

N1-030806 : 23.218v540 **CR#**052, NEC, **Type**: CR, **Title**: Clarifications on AS procedure on REGISTER request

Discussion :

Conclusion : Not treated

8 Release 6 work items

8.1 Presence

N1-030761 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIMPLE

Discussion :

Conclusion : Noted

N1-030762 : Lucent T., **Type**: TR 24.841v060, **Title**: Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"

Discussion : It was agreed that the TR is 50% complete and can be sent to TSGN#20 for information as v100 including changes agreed from this meeting.

Conclusion : Noted

N1-030763 : Lucent T., **Type**: INFORMATION, **Title**: Presence WID open issues list

Discussion : Issues from last weeks SA2 meeting is not included.

Conclusion : Noted

N1-030764 : TR24.841v060, Lucent T., **Type**: CR, **Title**: CR to 24.841: Addition of 3GPP P-headers to PUBLISH profile

Discussion : During this meeting, the profiles for 24.229 are proposed to be updated to include the headers defined specifically for 3GPP.

Conclusion : Agreed

N1-030765 : TR24.841v060, Lucent T., **Type**: CR, **Title**: CR to 24.841: Addition of security headers to PUBLISH profile

Discussion : During this meeting, the profiles for 24.229 are proposed to be updated to include the headers defined specifically for 3GPP. In A104A line 21A is written C9, and this is questionable.

Conclusion : Revised to 900

N1-030900 : TR24.841v060, Lucent T., **Type**: CR, **Title**: CR to 24.841: Addition of security headers to PUBLISH profile

Discussion :

Conclusion : Agreed

N1-030790 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Update of 6.1.3 and 6.1.4

Discussion : Presencelist flows require update related to how SUBSCRIBEs using PSIs get routed to an RLS. The routing principles are described in 23.228 6.1.0 clause 5.4.12.
Additionally, draft-ietf-simple-event-list-02 states that "immediate notifications triggered as a result of subsequent SUBSCRIBE messages SHOULD include an RLMI document with full state indicated." This has been also implemented below.
Additionally, draft-ietf-simple-event-list-02 shows that RLS subscriptions use the RLS address in the From header field of the SUBSCRIBE request.

The discussion on PSI was stated as ongoing in SA2. This is noted in CN1 and adaption to the outcome of that discussion will then need to take place with a CR at that time. Were is the RLMI abbreviation description? Correction to Route. There was discussion on the routing of SUBSCRIBE and NOTIFY in fig. 6.1.3.2-1.

Conclusion : Revised to 901

N1-030901 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Update of 6.1.3 and 6.1.4

Discussion :

Conclusion : Agreed

N1-030791 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Removal of 6.2.3

Discussion : Flows relating to PNA to PS should be removed because 23.141 CR010R5 and CR026R1 specify that this interface should not be standardised.

Conclusion : Agreed

N1-030793 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Addition of the RPIDS I-D

Discussion : It is proposed that draft-schulzrinne-simple-rpids-01 (and its subsequent versions) shall be implemented by 3GPP Presence systems.

Regarding the IETF status a new version is underway.

Conclusion : Agreed

N1-030794 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Addition of the BINPIDF I-D

Discussion : draft-kiss-simple-presence-wireless-reqs-02 includes requirements on direct contents:
PUBL-REQ5: Inclusion of direct content in the presence document:
It must be possible for the presentity to include direct content in the presence document. If the direct content is part of the presence document, the signaling compression should be able to maintain the compression efficiency.
SUBNOT-REQ5: Direct content inclusion in presence information:
It must be possible for the watcher to receive notifications including direct contents. The mechanism selected for notifying large size content must make efficient use of the network resources and satisfy generic wireless requirements as described in section 2.
It is believed that draft-lonnfors-simple-binpidf-01 fulfills the above requirements.

The 2 new IETF dependencies should be, and is, in the list of Stephen Hayes as shown in 866.

Conclusion : Revised to 902

N1-030902 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Addition of the BINPIDF I-D

Discussion :

Conclusion : Agreed

N1-030795 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Reference update

Discussion : Consistency in either deleting UE in the text due to the title or keep them all.

Conclusion : Revised to 903

N1-030903 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Reference update

Discussion : Still one more 'residing in the UE' is not deleted. The UE and/or the watcher application subscribes were discussed, and will continue in the restructuring and terminology work in this area further on.

Conclusion : Agreed

N1-030796 : TR24.841v060, Nokia, **Type**: CR, **Title**: CR: Removal of the Event header field from the response to the SUBSCRIBE request

Discussion : Same discussion as for 797.

Conclusion : Agreed

N1-030799 : TR24.841v060, Nokia, **Type**: CR, **Title**: Record-Routing of SIP dialogs in S-CSCF

Discussion : The S-CSCF needs some indication if it shall Record-Route.

Conclusion : Agreed

N1-030800 : 24.229v540, **CR#**441, Nokia, **Type**: CR, **Title**: Record-Routing of SIP dialogs in S-CSCF

Discussion : For new Rel-6 TS. Same intention as 799. From N1-030460 (agreed in principle during CN1#29):
3GPP TS 23.241 6.1.0 defines that the presentity's S-CSCF is not mandated to insert itself into the Record-Route header of the initial SUBSCRIBE request, in case the S-CSCF does not execute any functions for the subsequent requests and responses of the dialog. The presentity's S-CSCF shall be intentionally left out from the presence SUBSCRIBE dialog in order to avoid static allocation of S-CSCFs.
There is a certain need to define the way where the S-CSCF gains the information whether to Record-Route for certain services or not.
S-CSCF uses the initial filter criterias part of the service profile downloaded from HSS to make routing decisions on the ISC interface. It is proposed that these initial filter criterias could be extended to instruct the S-CSCF on its Record-Routing behaviour. The initial filter criteria is already believed to be service specific, so it seems to be the right place to add information whether the S-CSCF shall Record-Route or not for the actual request.

Why not put the condition in step 13 instead? Another view was that both step 4 and step 13 needs to be addressed. It was an earlier agreement not to create 24.229 Rel-6 yet. In this meeting it was agreed to not create 24.229 Rel-6 after June TSG meeting. The CRs to this meeting raising 24.229 to Rel-6 will be put on hold if agreed in this meeting and provided to TSGN#21 in September on the correct specification revision. September also seems to fit with the Presence WI progress. These CRs on hold could be in a seperate agenda in CN1 WG meeting. Due to the discussion on 800 this document could also not be agreed.

Conclusion : Posponed

8.2 MBMS (Multimedia Broadcast Multicast Services)

N1-030630 : TR 29.846v010, 3, **Type**: WID, **Title**: MBMS WID

Discussion : Removal of one supporting company but still sufficient number of supporters remain. It is noted that the discussion and the minutes from CN1#29 where it was stated September as ready date was wrong, and that CN#22 is the correct completion date, ie. December 2003.

Conclusion : Agreed

N1-030631 : TR 29.846v010, 3, **Type**: TR, **Title**: MBMS Technical Report v 0.1.0

Discussion :

Conclusion : Noted

N1-030632 : TR 29.846v010, 3, **Type**: CR, **Title**: MBMS Messages Overview

Discussion : Several new messages and procedures have been introduced within MBMS in order to allow for MBMS service reception. These are outlined within section 5 of the technical report. This contribution expands on the work created within SA2 to start to create stage-3 type text for MBMS.

Clarification on where the text intended for 24.008 starts, and that the wording follow the way used there, ie. some tidyup is needed. Should new messages be used or extensions to messages for some cases? The cause codes for unsuccessful MBMS context activation was meant for examples and therefore could refer to existing cause code list, or a complete list could be created.

Conclusion : Revised to 879

N1-030879 : TR 29.846v010, 3, **Type**: CR, **Title**: MBMS Messages Overview

Discussion :

Conclusion : Agreed

N1-030633 : TR 29.846v010, 3, **Type**: CR, **Title**: MBMS Session Management Messages

Discussion : This contribution primarily deals with introducing the new GPRS session management message required for MBMS Activation procedure. It should be noted that the messages defined contain Information Elements that are of a type that is defined within TS24.008.

Conclusion : Agreed

N1-030634 : TR 29.846v010, 3, **Type**: CR, **Title**: General Updates to MBMS TR

Discussion : In order to allow for easier editing of document, it is proposed to restructure some of the sections of the TR.The summary of the change is to introduce two new sub-section under the Session Activation section and rename the current Session Activation section to end to end activation.
The first of the new sub-section is introduced with the aim of capturing an overview of the L3 procedure of the similar in style and substance to section 6 of TS24.008.
The second of the new sub-sections is introduced with the aim of capturing the actual message formats and contents in similar style and substance to section 9 of TS24.008. Any IE types defined here should wherever possible reference IE types defined in TS24.008. If new IE types are defined, they should be introduced within this section.
Additionally, an extra section has been added with similar format for the session deactivation.

Need a new section under 5.1 to handle the hanging paragraphs, making 3 level headings. Some more proposals to adapt the TR with the drafting rules.

Conclusion : Revised to 878

N1-030878 : TR 29.846v010, 3, **Type**: CR, **Title**: General Updates to MBMS TR

Discussion :

Conclusion : Agreed

8.3 IMS Stage 3 enhancements

N1-030598 : TR 29.847v010, Nokia, **Type**: TR, **Title**: TR 29.847 - Conferencing based on SIP, SDP and other protocols

Discussion :

Conclusion : Noted

N1-030599 : TR 29.847v010, Siemens/Nokia, **Type**: CR, **Title**: Conference-Factory-URI creation flow update

Discussion : This CR updates the Conference-Factory-URI flow as agreed during the last meeting:
ICID-Value in accordance with N1-030416;
SDP Parameters in accordance with N1-030502; and,
SIP-Sec-Agree alignment in accordance with N1-030512.

In addition to that,
the temporary conference URI, that is indicated in the Contact header of the provisional responses to the INVITE request, shall not include a ";isfocus" tag, as this tag shall only be used for conference URIs for which resources were successfully allocated. The ";isfocus" tag shall also not be used in request URIs, it is only a Contact parameter; charging issues at MRFC/AS have been addressed as discussed in N1-030605.

Conclusion : Revised to 910

N1-030910 : TR 29.847v010, Siemens/Nokia, **Type**: CR, **Title**: Conference-Factory-URI creation flow update

Discussion :

Conclusion : Agreed

N1-030600 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Conference-Factory-URI - Protocol Description

Discussion : This CR describes the detailed procedures for SIP at the UE, the Conferencing AS for conference creation with a conference factory URI.

Should a subscription to the conference event package be mentioned. Many more changes were agreed.

Conclusion : Revised to 911

N1-030911 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Conference-Factory-URI - Protocol Description

Discussion : A factory too much in the second bullet of 7.3.1.3.2. Other clarifications were asked as well.

Conclusion : Revised to 936

N1-030936 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Conference-Factory-URI - Protocol Description

Discussion :

Conclusion : Agreed

N1-030601 : TR 29.847v010, Nokia, **Type**: CR, **Title**: User calling into a conference - Protocol Description

Discussion : This CR describes the detailed procedures for SIP at the UE, the Conferencing AS for a user calling into a conference.

Changes needed according to changes according to the agreements on 600, plus new ones. A note could be made about possibly (why may is used in the TR) notifying participants about someone dropping out of the conference.

Conclusion : Revised to 912

N1-030912 : TR 29.847v010, Nokia, **Type**: CR, **Title**: User calling into a conference - Protocol Description

Discussion : A factory too much in the second change.

Conclusion : Revised to 937

N1-030937 : TR 29.847v010, Nokia, **Type**: CR, **Title**: User calling into a conference - Protocol Description

Discussion : A factory or two/three too much.

Conclusion : Agreed

N1-030602 : TR 29.847v010, Nokia, **Type**: CR, **Title**: User calling into a conference – Call Flow (I)

Discussion : This CR shows an example call flow for a user joining a conference by dialing into it. It show the case where the MRFC/AS provides a conference URI which includes no FQDN.

The visio pictures can not be opened. The missing abbreviations can be put in another revised CR.

Conclusion : Agreed

N1-030604 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Subscription to Conference Event - Call Flow

Discussion : This CR shows an example call flow for a user subscribing to the conference event package. Note that it was not seen necessary to add protocol text in the TR for the UE's subscription to the conference event package, as this will follow the rules of draft-ietf-sipping-conference-package-00 [7.82].

home2.net was believed incorrect and is subject to offline checking.

Conclusion : Revised to 914

N1-030914 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Subscription to Conference Event - Call Flow

Discussion :

Conclusion : Agreed

N1-030605 : Nokia, **Type**: DISCUSSION, **Title**: User calling into a conference - Call Flow (I)

Discussion :

Conclusion : Noted

N1-030606 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Ad hoc conference creation - Protocol Description

Discussion : This CR shows an example call flow for a user joining a conference by dialing into it. It show the case where the MRFC/AS provides a conference URI which includes a FQDN.

Many editorials due to copy/paste errors.

Conclusion : Revised to 913

N1-030913 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Ad hoc conference creation - Protocol Description

Discussion :

Conclusion : Agreed

N1-030607 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Generic SIP and SDP Procedures for Conferences - Protocol Description

Discussion : Not presented.

Conclusion : Revised to 835

N1-030835 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Generic SIP and SDP Procedures for Conferences - Protocol Description

Discussion : This CR describes the detailed procedures for SIP and SDP at the UE, the MRFC and the Conferencing AS for handling of generic conference related requests. As the MRFC and the Conferencing AS have to also handle SDP, a new section 7.4 has been introduced, including SDP procedures for the entities involved in IMS conferencing. In addition this paper proposes to include all Conferencing AS and MRFC related information in one section.

MRFP can be deleted from this TR. Some more editorials. Is 488 response needed in 7.4.2 from the AS/MRFC or use OK with proper m-lines? Change 'shall' to 'may', understanding that policy is still handled by the AS/MRFC. Should the SDP procedures in the AS/MRFC be similar to the UE attached to the IMS?

Conclusion : Revised to 909

N1-030909 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Generic SIP and SDP Procedures for Conferences - Protocol Description

Discussion :

Conclusion : Agreed

N1-030700 : Siemens, **Type**: DISCUSSION, **Title**: Security Issues for the Mt reference point

Discussion : It is proposed that CN1 replies to the LS S3-030302 by saying that CN1 sees no fundamental obstacles in providing the stage 3 specifications

- for the key transport over the ISC interface, as described in this doc,
- for the transport of release-related information, as described in this doc,
if so required by SA3 in their stage 2 specification.
In case this is indeed required by SA3, Siemens volunteers to write any necessary CRs in CN1.

Related to LS in in 780. This key transport requires that the user is registered once, but the Mt is then operational even though the user is registered or not. How would the communication work then? What about an AS that is not in the IMS? The AS must have an ISC interface. The address of the AS is preconfigured (as part of the services subscribed) or a discovery mechanism is used, meaning it must be an AS within the IMS. A problem with the proposal is that it needs upgrade of S-CSCFs to Rel-6. The earlier allocated LS out is in 819.

Conclusion : Noted

N1-030714 : Nokia, **Type**: DISCUSSION, **Title**: Openness of Rel6 IMS network: security methods required

Discussion : The Rel6 IMS will be a more open system and traffic arriving at the entry point of an IMS network (the I-CSCF) will be allowed to pass into IMS even in cases when it was not arriving protected on the Za interface (as it was not sent from another IMS network). This opens a hole in the IMS specification which can be easily used by hackers to masquerade IMS users identity. To prevent this some security actions has to be taken by IMS either on SIP or IPsec level. Should Zb interface be mandatory or a check mechanism established on the IMS trust border? The issue is on the SA3 mailing list, but no solution yet identified. People are encouraged to participate in progress here.

Conclusion : Noted

N1-030715 : Nokia, **Type**: DISCUSSION, **Title**: S-CSCF acting in originating role

Discussion : SA2 has recently introduced the Service URI terminology into their TSs. The Service URI is a URI hosted in the network to which users can send requests and which can send out messages to users. This document is proposing to introduce and standardise a parameter which attached to the address of the S-CSCF got from the HSS (the terminating address of the S-CSCF) will indicate to the S-CSCF that it has to act in originating role.

Conclusion : Noted

N1-030721 : 24.229v540 **CR#**416, Nokia, **Type**: CR, **Title**: Forking in IMS

Discussion : For new Rel-6 TS. According to stage 2 requirements the S-CSCF shall support the ability for a public user identity to be registered from multiple contact addresses, as defined in RFC 3261. The multiple contacts are to be registered to the same S-CSCF. The S-CSCF shall support forking so that an incoming SIP request addressed to this Public User Identity is proxied to multiple registered contact addresses. This allows forking across multiple contact addresses of the same Public User Identity.

The work in CN4 is ongoing. How does the procedures for I-CSCF work? Deletion of text were agreed, and the question is wether a reference to the I-D is sufficient.

Conclusion : Postponed

N1-030766 : Lucent T., **Type**: DISCUSSION, **Title**: Discussion of implementation of MSRP in the IM CN subsystem

Discussion : The stage 1 for messaging has a requirement to be able to support session mode messaging. A mechanism for session mode messaging is being developed by IETF SIMPLE working group based on: draft-campbell-simple-im-sessions-01. This draft proposes that session mode messaging is produced by a new Message Session Relay Protocol (MSRP), which is established using a standard SIP INVITE transaction. 3GPP CN1 is invited to agree the following:
- The 3GPP architecture currently does not need to include relays in the implementation of MSRP. MSRP only needs to be supported by the UE in the 3GPP architecture.
- Support of MSRP within the Core Network therefore consists of providing support for the appropriate SDP values (e.g. within the policy decisions at P-CSCF and S-CSCF) required to describe the MSRP session.

A voice was raised regarding the use of relays in messaging, and it was discussed what it could be used for and what was meant in IETF with relays. No reason could be identified why this principle would not work. It seems not to be SA2 architectural impacts without use of relays. The issue could not be agreed in CN1 and companies could consider contributions to SA2 on the issue, and further study is needed in future CN1 meetings.

Conclusion : Noted

N1-030775 : TR 29.847v010, Nokia, **Type**: CR, **Title**: Updated References

Discussion : Update of references.

Conclusion : Agreed

N1-030786 : 23.218v540 **CR#**050, Nokia, **Type**: CR, **Title**: Default handling in Filter Criteria

Discussion : Not presented. For new Rel-6 TS.

Conclusion : Revised to 801

N1-030801 : 23.218v540 **CR#**050r1, Nokia, **Type**: CR, **Title**: Default handling in Filter Criteria

Discussion : For new Rel-6 TS. A new element is added to filter criteria, which defines how the S-CSCF shall behave in case when there is no information available to instruct it. This CR introduces two new attributes, the forking (which can be parallel or sequential) and record routing.

This information is per user and not per AS, or what? Many questions on how the information and procedures should work, both on forking and Record-Route. Seems to be interaction between filter criterias (and normally one filter criteria is per AS) which needs to be visited and more work on this should be done in eg. a drafting session including CN4 interested parties due to HSS implications. Is subsequent filter criterias now introduced. Nokia/Gabor will make a problem statement and invite for a conference call with all interested parties in CN4 and CN1.

Conclusion : Postponed

8.4 IMS interoperability

None.

8.5 WLAN

N1-030728 : Nokia, **Type**: TS, **Title**: TS skeleton and initial contents for 3GPP WLAN IW Authentication

Discussion : This contribution proposes the initial skeleton of a TS 29.xxx on 3GPP WLAN IW Authentication. The proposed skeleton contains the Table of Contents, references, scope and initial information about the contents of the TS. This TS is meant as placeholder for the description in 3GPP specification of the procedures performed in WLAN UE and 3GPP AAA server for WLAN authentication. The TS will include informative text and summarize the specification of EAP SIM/AKA. It is also proposed to add the 'Network Selection' and 'Identification' procedures to the skeleton. The reason is that these procedures are currently covered in SA2's TS 23.234, if/when they are moved from there to stage 3 this TS seems the more appropiate specification. Details of the security framework for the end-to-end WLAN authentication are covered in 3GPP TS 33.234. The transport of the end-to-end WLAN authentication signalling between WLAN and 3GPP network are covered in 3GPP TS 29.234.

Any CN1 decisions needed in this area? In last CN1 meeting it was agreed to see some text on the issue before any TS number was assigned. Some corrections to eg. references and an editors note.

Conclusion : Revised to 915

N1-030915 : Nokia, **Type**: TS, **Title**: TS skeleton and initial contents for 3GPP WLAN IW Authentication

Discussion : The scope could include the interface in question in a contribution to the next CN1 meeting. Is it agreed to continue the work? Yes in order to write CRs for the next meeting. But it was proposed to await creating a TS number until next CN1 meeting, where also the decision to have the TS or not ccould be made;- based on CN4 and CN1 material.

Conclusion : Agreed

8.6 Emergency Call Enhancements for IP& PS Based Calls

N1-030613 : Ericsson, **Type**: WID, **Title**: Emergency Call Enhancements for IP& PS Based Calls - stage 3

Discussion : Changes needed to linked and parent work items after merging the IMS emergency call WI with IMS emergency calls with no USIM. Not presented.
CN4 now has identified impact on 29.060 and expecting updates from CN3 during this meeting. The WI is for IMS only and needs some clarifications.

Conclusion : Revised to 859

N1-030859 : Ericsson, **Type**: WID, **Title**: Emergency Call Enhancements for IP& PS Based Calls - stage 3

Discussion :

Conclusion : Agreed

8.7 Mt interface

N1-030608 : Nokia, **Type**: DISCUSSION, **Title**: Functional Mt Protocols

Discussion : This discussion paper shows why data manipulation for IMS Presence and Conferencing services shall be based on the functional protocols that are currently specified in IETF.

Shall CN1 make a blanc check to buy whatever IETF comes up with? Seems to have happened by some in the past. The possible grey/blanco check can be stopped before being cashed. Do we need a standard or not was another issue. It was thought that the IETF solution is the default even without LSs. With a clear statement it was argued that also requirement collection could be made,- with a mandated input to IETF. We should continue as in the past,- work with IETF and when we see it does not work we do appropriate decisions. Whatever 'we' do 'we' think that 'we' do not want different standards from different bodies for the same thing. The WI is updated with 'based on the IETF'.

Agreed the following:
- 3GPP related requirements will be brought to IETF to steer the work to cover (also) 3GPP needs.
- Competing requirements for the same services from both 3GPP and OMA would not be desirable.
- 3GPP will take IETF defined data manipulation protocol which meets the 3GPP requirements as the mechanism for presence and conferencing related data manipulation.

Conclusion : Noted

8.8 Other Rel-6 issues

N1-030609 : Nokia, **Type**: DISCUSSION, **Title**: Rel-6 IMS Service Specification

Discussion : This discussion paper discusses the reasons why the new Rel-6 IMS services should be handled in separate specifications. It furthermore shows how such a split should be done.

What is SIP dependant and what is service specific? Some information can be difficult to split between SIP generic and service related only. Charging was said should be handled via S-CSCF since ASs should not be a charging point for operators. This view would require S-CSCF to be service aware, and possibly the charging could be handled via CDRs. The proposal from Nokia received support from some. The profiles is an open issue regarding where to land. The TRs as they stand seems by some to be easily transferred to new TSs. One proposal is to work on the WIs today for these TRs and bring in CRs for the next meeting. Issues from the services that could be identified as generic goes to 24.229 and should then be referenced only in the Service TS. The removal of profiles from 24.229 was objected to, and a revision of the document was proposed to show the agreements made during the discussion.

Conclusion : Revised to 904

N1-030904 : Nokia, **Type**: DISCUSSION, **Title**: Rel-6 IMS Service Specification

Discussion : The proposal part was agreed. A conference call is proposed to take place 23/6-2003 to discuss the contents of the new TS for Presence,- and the contact person is Keith/Lucent. The rapporteur volunteered to draft skeleton TS with scope based on this decision. The proposed new TS will be distributed via CN1 mailing list for comments. The intention is to have both this skeleton of the new TS and also the proposal how the TR 24.841 contents gets moved to the new TS as pre-discussed inputs for CN1 #31. All technical corrections to presence for CN1 meeting #31 in August must be based on the next reference version of the TR 24.841. CN1 #31 will need to decide whether to forward TR 24.841 for TSGN #21 for approval and ask it to be frozen. This involves defining the process for

transferring the last remaining changes from TR 24.841 to the new TS and taking the TS as reference specification from that meeting onwards. Conferencing will be handled the same way as proposed above.

Conclusion : Noted

N1-030610 : Nokia, **Type**: WID, **Title**: Presence WID

Discussion : The following changes are required:
Presence should be documented in a separate TS.
The indicated approval dates shall be adjusted to the actual Rel-6 time frame as soon as decided.
Note that all changes from the last approved rework (N1-030545) have been kept as the WID was not presented to CN plenary in the meantime.

Update the schedule to TSG#22.

Conclusion : Revised to 905

N1-030905 : Nokia, **Type**: WID, **Title**: Presence WID

Discussion : A warning that we should not change other WGs endpoint of the work .

Conclusion : Agreed

N1-030611 : Nokia, **Type**: WID, **Title**: IMS Enhancements WID

Discussion :

Conclusion : Revised to 916

N1-030916 : Nokia, **Type**: WID, **Title**: IMS Enhancements WID

Discussion : Is anything needed for the MESSAGE methode in the 24.229 specification impact? No. Mt to Ut.

Conclusion : Agreed

N1-030612 : Nokia, **Type**: DISCUSSION, **Title**: Update Dependency List

Discussion : Not presented.

Conclusion : Revised to 866

N1-030866 : Nokia, **Type**: DISCUSSION, **Title**: Update Dependency List

Discussion : The changes were pointed out by Stephen hayes. Item 61 has risk high, and IETF should be informed that 3GPP needs a different solution, but this concern were already handled.

Conclusion : Noted

N1-030626 : 24.008v600 **CR#**768, Siemens, **Type**: CR, **Title**: Wrong references in SETUP and redirected number/subaddress IEs

Discussion : In section 9.3.23.1 Setup (mobile terminated call establishment) the reference to the Redirecting party BCD number and Redirecting party sub-address are wrong. In section 10.5.4.21b Redirecting party BCD number references to "Table 10.81" and "Table 10.83" are made but these tables do not exist. In section 10.5.4.21c Redirecting party subaddress references a reference to "Table 10.84" is made, but this table does not exist. The numbering scheme used for the figures of the Redirecting party BCD number and Redirecting party subaddress is not aligned with the rest of the specification. In K4 the reference to the Redirecting party BCD number and Redirecting party sub-address are wrong.

Should we also correct the references in the older releases? No. Moved from agenda item 8.5. To be checked offline that the change of figure numbers is not needed elsewhere in the TS,- and it turned out to be OK. MCC needs to change the crossings from RAN to CN as impacted on the cover page.

Conclusion : Agreed

N1-030675 : Siemens, **Type**: DISCUSSION, **Title**: Additional LLC SAPIs for data transfer

Discussion : It seems that the introduction of further LLC SAPIs for data transfer is required. The current limitation of 4 LLC SAPIs provided by the LLC layer is possibly not sufficient for the amount of active PDP contexts a user may have. In the worst case 11 PDP contexts are active per user. This new requirement (more data SAPIs) is also justified because the multiplexing between NSAPIs and LLC SAPIs is no longer related only to the traffic class interactive and background, but also related to support the real time traffic class conversational and streaming. Moreover with the further separation of the traffic classes with the ARP priority levels and the introduction of the signalling flag for traffic class interactive further arguments are given.

Any backward compatibility issues, since the remaining code points are defined as 'reserved'? Yes, but it is not a QoS related issue. The remaining LLC values are reserved and the message is discarded for changes to a mandatory part in an older implementation;- unless ways around are defined, like introducing a new IE. Also indication of support of new LLC SAPIs from the receiving entity could be used as a workaround. Should we wait for SA2 clearing before starting. No, and the SA2 LS in 813 will be treated tomorrow.

Conclusion : Noted

N1-030701 : 44.065v500 **CR#**005, Siemens, **Type**: CR, **Title**: Multiple header compression algorithms handling

Discussion : For header compression the two algorithms RFC1144 and RFC2507 are defined in the SNDCP protocol. With RFC1144 TCP and IPv4 header will be compressed. With RFC2507 UDP / TCP with IPv4/IPv6 will be compressed. From the functional point of view RFC2507 is covering the functionality of RFC1144. For data compression the two algorithms V42bis and V44 are defined in the SNDCP protocol. There is no technical reason to activate two data compression algorithms on one NSAPI, as they are not content specific. If the originator (MS or SGSN) of the XID negotiation is supporting two algorithms for either header or data compression, then he will offer for each NSAPI the parameters of both algorithms. If the peer entity also supports both algorithms then there is the risk that both algorithms are accepted, even if only one is used. The creation of a compression instance causes significant allocation of RAM which is a limited resource in both the MS and the SGSN. Such a unnecessary waste of resources should be avoided. The peer entity of the XID negotiation shall accept only one header compression algorithm and one data compression algorithm for an NSAPI.

For new Rel-6 TS. Wrong CR# on the cover page due to request on withdrawn 24.065. What about Rel-5 if there was multipel algorithms? Not if multipel algorithms was made even earlier.

Conclusion : Revised to 833

N1-030833 : 44.065v500 **CR#**005r1, Siemens, **Type**: CR, **Title**: Multiple header compression algorithms handling

Discussion : MCC changes the revision to become 1.

Conclusion : Agreed

N1-030713 : TR 29.962v120, Nokia, **Type**: CR, **Title**: GCID transport

Discussion :

Conclusion : Not available

N1-030726 : Nokia, **Type**: DISCUSSION, **Title**: Information transfer at MAP-E interface during inter MSC handover/relocation

Discussion : Currently there is no statement in any specification on the principle how information should be transferred on Inter MSC handover and SRNS relocation in MAP-E interface. There are statements about this information transfer in several specifications like 23.009, 29.010 and 48.008 (e.g. for SNA IE it is stated that it is provided only at MAP-E interface). Therefore whenever a new IE needs to be transferred in MAP-E the discussion needs to be re-opened again and additional considerations are needed in some cases in order to avoid duplication in AN-PDU & MAP level.

The principles discussed would be needed for future issues and not for agreed issues that already may violate these principles. Ericsson had a long document on improvements etc. and that would be made available to the meeting. Comment that the mapping needs to be specified, but at least some delegates would prefer to have it done in 29.010 instead of 23.009. This discussion document is also made available to CN4, where they are asked to compare the alternatives of documenting the solution in 23.009 or 29.010 or both.

Conclusion : Noted

N1-030727 : 23.009v540 **CR#**098, Nokia, **Type**: CR, **Title**: Information transfer at MAP-E interface during inter MSC handover/relocation

Discussion : For new Rel-6 TS.

Conclusion : Postponed

N1-030773 : Ericsson, **Type**: DISCUSSION, **Title**: Benefits of ROHC for non-real time services

Discussion : The issue of including ROHC as a new optional header compression scheme in SNDCP for Rel-6 has been discussed in two consecutive CN1 meetings. Also, GERAN2 has been consulted regarding the applicability of ROHC for the work items related to the support of conversational and streaming services. GERAN2 confirmed that ROHC is applicable for conversational services, but that no studies had been performed with regards to streaming and non-real time services. In general, support of ROHC for real time services is justified and agreed by most companies, though more information on the benefits of ROHC for non-real time services has been requested. Another related question that have been discussed is whether ROHC support need to be linked to the GERAN work items for support of real time services in A/Gb mode or if it could be approved in CN1 on its own merits, i.e. its benefits compared to existing compression schemes for different kind of services, both real time and non-real time services? This contribution details some of the benefits of supporting ROHC for non-real time services, which in turn suggests that ROHC should be added as a new optional header compression scheme to SNDCP and need not be linked to any other work item for support of real time services.

The question from last meeting was mostly related to when it was needed. The intention of the originator is that it is needed for Rel-6, but could be beneficial even earlier. ROHC charter intends to have it ready in middle of 2003 in IETF, but the real time was to be investigated outside the meeting. Siemens now supported introduction of ROHC and stated that it was not needed to link it to GERAN needs and the discussion taking place there. No strong objection was raised on the issue in this meeting.

Conclusion : Noted

N1-030774 : 44.065v500 **CR#**004r2, Ericsson, **Type**: CR, **Title**: Additional support of ROHC in SNDCP

Discussion : For new Rel-6 TS. Appropriate text to incorporate the support of ROHC into SNDCP as a new option are added to sub-clause 6.5. Also, references to the appropriate ROHC RFCs are included in sub-clause 2.

Is it correct to use an URL in the reference chapter? It is official. The encoding of profile items has no upper limit,- to prepare for the implementation. Assign of PCOMP types to be mentioned in a note.

Conclusion : Revised to 834

N1-030834 : 44.065v500 **CR#**004r3, Ericsson, **Type**: CR, **Title**: Additional support of ROHC in SNDCP

Discussion : Should it be a link of table 9 to the text? Update also to table 8.

Conclusion : Revised to 934

N1-030934 : 44.065v500 **CR#**004r4, Ericsson, **Type**: CR, **Title**: Additional support of ROHC in SNDCP

Discussion :

Conclusion : Agreed

9 LS OUT (output liaison statements)

N1-030815 : Andrew H./Motorola, **Type**: LS OUT , **To:** SA1, **Cc:** SA2, **Title**: LS on Network Sharing Requirements for Rel-6

Discussion : Reply to 578.

Conclusion : Agreed

N1-030816 : Atle/Ericsson, **Type**: LS OUT , **To:** SA!, SA2, **Cc:** GERAN 2, RAN 2, **Title**: Reply LS on R99 and later emergency calls when attached to data only network

Discussion : Reply to 579.

Conclusion : Revised to 932

N1-030932 : Atle/Ericsson, **Type**: LS OUT , **To:** SA!, SA2, **Cc:** SA, GERAN 2, RAN 2, **Title**: Reply LS on R99 and later emergency calls when attached to data only network

Discussion : Reply to 579. SA is added for background information, and this was questioned due to this being Rel-6. It is the attempt to find a connection which is unclear. There are three ways for the UE to end up in PS only service:
- GPRS Class C mobile operating in PS mode.
- PS + CS mobile in PS + CS network which has accepted only PS attach, either based on subscription or due to technical reason such as congestion or Gs failure.
- PS + CS mobile in PS only network.

Conclusion : Revised to 944

N1-030944 : Atle/Ericsson, **Type**: LS OUT , **To:** SA!, SA2, **Cc:** GERAN 2, RAN 2, **Title**: Reply LS on R99 and later emergency calls when attached to data only network

Discussion : Reply to 579.

Conclusion : Agreed

N1-030817 : Inma/Nokia, **Type**: LS OUT,**To:** SA2, **Cc:** T2, SA3, **Title**: Reply LS on 'Impacts on the UE of UE-Initiated Tunnelling"

Discussion : Reply to 581.

Conclusion : Agreed

N1-030818 : Robert/Siemens , **Type**: LS OUT , **To:** SA3, **Cc:** , **Title**: Reply LS on unciphered IMEISV transfer

Discussion : Reply to 777.

Conclusion : Agreed

N1-030819: Peter/Siemens , **Type**: LS OUT , **To:** SA3, **Cc:** SA2, **Title**: LS on security solutions for the Mt reference point

Discussion : Reply to 780. Should not talk about service agnostic, but about backwards compatibility. CN1 will look closer into the issue. Relate to one of the alternative solutions from the LS.

Conclusion : Revised to 933

N1-030933: Peter/Siemens , **Type**: LS OUT , **To:** SA3, **Cc:** SA2, **Title**: LS on security solutions for the Mt reference point

Discussion :

Conclusion : Agreed

N1-030820 : Christian/Ericsson , **Type**: LS OUT , **To:** SA3, **Cc:** GERAN, **Title**: Reply LS on increasing the key length for GEA3

Discussion : Reply to 781.

Conclusion : Agreed

N1-030821 : Krisztian/Nokia , **Type**: LS OUT , **To:** SA4, **Cc:** SA2, **Title**: Reply LS on media codecs and formats for Presence and Messaging

Discussion :

Conclusion : Agreed

N1-030836 : Robert/Siemens , **Type**: LS OUT , **To:** SA2, **Cc:** GERAN, **Title**: LS on Support of additional LLC SAPIs

Discussion : Reply to 813.

Conclusion : Agreed

N1-030877 : Kevan/3, **Type**: LS OUT , **To:** RAN2, **Cc:** , **Title**: Reply LS on RAN WG2 terminology and impacts on CN WG1 specifications (PLMN selection)

Discussion : Reply to 865.

Conclusion : Agreed

N1-030888 : Kevan/3 , **Type**: LS OUT , **To:** SA3, **Cc:** , **Title**: LS on Security Association Lifetimes

Discussion : Linked to 645. Update with new agreed CR and put the attachments in the zipfile.

Conclusion : Revised to 918

N1-030918 : Kevan/3 , **Type**: LS OUT , **To:** SA3, **Cc:** , **Title**: LS on Security Association Lifetimes

Discussion : Linked to 646.

Conclusion : Agreed

N1-030891 : Sophie/Orange , **Type**: LS OUT , **To:** SA1, SA2, **Cc:** , **Title**: LS on deregistration of a Public User Identity with established dialogs

Discussion : Linked to 621.

Conclusion : Withdrawn

N1-030896 : Georg/Nokia , **Type**: LS OUT , **To:** SA2, SA3, SA5, **Cc:** , **Title**: LS on transport of unknown SIP signalling elements

Discussion : Linked to 895.

Conclusion : Agreed

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

16:00 Friday 23.05.2003

Review of dates and hosts for future meetings

It was proposed a MBMS adhoc 2 days meeting in the period 25-26/6 in Rome, hosted by 3. This is conditional to SA2 deciding on the principles for CN1 to build on, and a related LS in 808 says that it is time to start the stage3 work. It was mentioned that there is a TS for information from SA2 to the plenary, and that they will decide if there is still SA2 work needed to cover open items. Some joint session with SA4 (and SA2?) group were possible during that proposed adhoc. It was also commented that the amount of material seems not sufficient for such a adhoc meeting, which of course was counter-argued. Due to lack of active support for the meeting in terms of sufficient material it was decided not to have the meeting in June, but possibly at a later stage like in September.

Meeting schedule for CN1 in 2002 and 2003

3GPP Meeting	Date	Place	Host
N1-SIP-adhoc0102	14-18 January 2002	Phoenix, USA	ATTWS
N1#22	28 January-1 February 2002	Sophia Antipolis, France	ETSI

N1#22bis	19-21 February 2002	Oulu, Finland	Elisa Communications, Finnet, Nokia, Sonera, Viestintävirasto
TSGN#15	**6-8 March 2002**	**Korea**	**TTA**
N1#23	8-12 April 2002	Fort Lauderdale, FL, USA	NA 'Friends of 3GPP'
N1-SIPadhoc0204	23-25 April 2002	Madrid, Spain	Telefonica, Ericsson
N1#24	13-17 May 2002	Budapest, Hungary	Ericsson
TSGN#16	**5-7 June 2002**	**Marco Island, FL, USA**	**Motorola**
N1#25	29.July-2.August 2002	Helsinki, Finland	Sonera
TSGN#17	**4-6 September 2002**	**France**	**Alcatel**
N1#26	23-27 September 2002	Miami, USA	NA 'Friends of 3GPP'
CN1 Rel-6 ad hoc	22 - 24 October	Munich, Germany	NTT DoCoMo
N1#27	11-15 November 2002	Bangkok, Thailand	Japanese Friends of 3GPP
TSGN#18	**4-6 December 2002**	**New Orleans, Louisiana, USA**	**NA 'Friends of 3GPP'**
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**
N1#31	25 – 29 August 2003	Sophia Antipolis, France	ETSI
TSGN #21	**17 – 19 September 2003**	**Berlin, Germany**	**Siemens**
N1#32	27 – 31 October 2003	???	Japanese Friends of 3GPP and Ericsson China
TSGN #22	**10 – 12 December 2003**	**Hawaii, USA**	**North American & Japanese Friends of 3GPP**

Annex A Joint meeting report with none

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

Annex B List of participants (39)

Member of 3GPP (ETSI)

Mrs. Sophie Aveline +33 1 45 29 60 84	ORANGE FRANCE sophie.aveline@francetelecom.com	3GPPMEMBER (ETSI)	FR
Mr. Gabor Bajko	NOKIA Corporation +36209849259	3GPPMEMBER (ETSI) gabor.bajko@nokia.com	HU
Mr. Richard Brook +44 1594 836646	SAMSUNG Electronics richardbrook39@aol.com	3GPPMEMBER (ETSI)	GB
Mr. Jürgen Caldenhoven +49 211 533 2850	Vodafone D2 GmbH juergen.caldenhoven@vodafone.com	3GPPMEMBER (ETSI)	DE

Ms. Inmaculada Carrión	NOKIA Corporation +358503806481 inmaculada.carrion-rodrigo@nokia.com	3GPPMEMBER (ETSI) +358718029140	
Mr. Brian K. Daly +1 425 580 6873	AT&T Wireless Services, Inc. +1 425 580 6811	3GPPMEMBER (T1) brian.daly@attws.com	
Mr. Keith Drage +44 1793 776249	Lucent Technologies N. S. UK drage@lucent.com	3GPPMEMBER (ETSI)	GB
Mr. Rouzbeh Farhoumand +1 972 583 8061	Ericsson Inc. +1 972 583-1862	3GPPMEMBER (T1) rouzbeh.farhoumand@ericsson.com	
Mrs. Sonia Garapaty +1 972 6855110	Nortel Networks +1 972 684 3775	3GPPMEMBER (T1) sonia.garapaty@nortelnetworks.com	
Mr. Miguel Garcia-Martin +358 9 299 3553	ERICSSON L.M. miguel.a.garcia@ericsson.com	3GPPMEMBER (ETSI)	FI
Mr. Roland Gruber +49 89 722 46392	SIEMENS AG +49 89 722 25167	3GPPMEMBER (ETSI) roland.rg.gruber@SIEMENS.COM	
Mr. Alexandre Harmand	mmO2 plc +441473782218	3GPPMEMBER (ETSI) alexandre.harmand@o2.com	GB
Mr. Hannu Hietalahti +358 40 502 1724	NOKIA Corporation hannu.hietalahti@nokia.com	3GPPMEMBER (ETSI)	FI
Mr. Kevan Hobbis +44 7782 325252	3 +44 1628 765001	3GPPMEMBER (ETSI) Kevan.Hobbis@three.co.uk	
Mr. Andrew Howell +44 7802 364500	MOTOROLA GmbH andrew.howell@motorola.com	3GPPMEMBER (ETSI)	GB
Ms. Jane D Humphrey +44 24 76564232	MARCONI COMMUNICATIONS jane.humphrey@marconi.com	3GPPMEMBER (ETSI)	GB
Mr. Dieter Jacobsohn +49 228 936 3361	T-MOBILE DEUTSCHLAND Dieter.Jacobsohn@t-mobile.de	3GPPMEMBER (ETSI)	DE
Mr. Krisztian Kiss	NOKIA Corporation +358504835363	3GPPMEMBER (ETSI) krisztian.kiss@nokia.com	FI
Mr. Peter Leis +49 89 636 75208	SIEMENS AG peter.leis@siemens.com	3GPPMEMBER (ETSI)	DE
Mr. Peng Li +1 858 658 4967	QUALCOMM EUROPE S.A.R.L. pli@qualcomm.com	3GPPMEMBER (ETSI)	
Mr. Arungundram Mahendran +1 858 651 1629	QUALCOMM EUROPE S.A.R.L. +1 858 658 5006	3GPPMEMBER (ETSI) mahendra@qualcomm.com	
Mr. Georg Mayer +358 71 80 21437	NOKIA Corporation georg.mayer@nokia.com	3GPPMEMBER (ETSI)	FI
Mr. Duncan Mills +44 1635 676074	VODAFONE LTD +44 1635 234445	3GPPMEMBER (ETSI) duncan.mills@gb.vodafone.co.uk	
Mr. Atle Monrad +47 372 93 665	ERICSSON L.M. atle.monrad@ericsson.com	3GPPMEMBER (ETSI)	NO
Mr. Roberto Procopio +39 011 228 5061	TELECOM ITALIA S.p.A. +39 011 228 7056	3GPPMEMBER (ETSI) roberto.procopio@telecomitalia.it	
Mrs. Iulia Sampaleanu +1 403 516 8042	INTEL CORPORATION SARL +1 403 516 8008	3GPPMEMBER (ETSI) iulia.sampaleanu@intel.com	

Mr. Holger Schmidt	SIEMENS AG +4953419061818	3GPPMEMBER (ETSI) schmidt.sh.holger@siemens.com	DE
Mr. Hugh Shieh +1 425 580 6898	AT&T Wireless Services, Inc. +1 425 580 6811	3GPPMEMBER (T1) hugh.shieh@attws.com	
Mr. Stefan Toth +46 31 747 4246	ERICSSON L.M. stefan.toth@erv.ericsson.se	3GPPMEMBER (ETSI)	SE
Mr. Hatef Yamini +44 7900823015	3 Hatef.Yamini@three.co.uk	3GPPMEMBER (ETSI)	GB
Dr. Robert Zaus +49 89 636 75206	SIEMENS AG robert.zaus@siemens.com	3GPPMEMBER (ETSI)	DE

Member of 3GPP (T1)

Mr. Arturo Arreaga +1 (416) 935-7659	Rogers Wireless Inc. +1 (416) 935-7502	3GPPMEMBER (T1) aarreaga@rci.rogers.com	
Mr. Milo Orsic +1 630 713 5161	Lucent Technologies orsic@lucent.com	3GPPMEMBER (T1)	US
Mr. Stephen Hayes +1 972 583 5773	Ericsson Inc. +1 801 409 6319	3GPPMEMBER (T1) stephen.hayes@ericsson.com	

Member of 3GPP (TTA)

Mr. Christian Herrero +46 46 231812	Ericsson Korea christian.herrero@emp.ericsson.se	3GPPMEMBER (TTA)	SE

Member of 3GPP (TTC)

Mr. Yukio Kawanami	NEC Corporation +81471857158	3GPPMEMBER (TTC) kawanami@cj.jp.nec.com	JP
Mr. Kazuyuki Kozu +81-468404470	NTT DoCoMo Inc. +81-468403860	3GPPMEMBER (TTC) kozu@nw.yrp.nttdocomo.co.jp	
Mr. Katsunobu Ohtsuki +81 46 840 3370	NTT DoCoMo Inc. +81 46 840 3860	3GPPMEMBER (TTC) ohtsuki@nw.yrp.nttdocomo.co.jp	

Organisation partner representative (ETSI)

Mr. Per Johan Jorgensen +33 4 92 94 42 31	Mobile Competence Centre jorgensen@etsi.org		FR

Annex C Agreed CRs (92)

During CN1#30 some earlier agreed CRs from CN1#29 (which have not been seen by plenary) were reopened, and the following CRs from CN1#29 got their status changed from AGREED to REPLACED BY xxx in the database:

1. Agreed N1-030515 (CR#043r1) was overridden to the new agreed CR#043r5 in N1-030943 that is taken to plenary CN#20.

2. Agreed N1-030502 (CR#104r1) was overridden to the new agreed CR#104r2 in N1-030704 that is taken to plenary CN#20.

3. Agreed N1-030495 (CR#345r1) was overridden to the new agreed CR#398 in N1-030646 that is taken to plenary CN#20.

4. Agreed N1-030558 (CR#358r2) was overridden to the new agreed CR#398 in N1-030646 that is taken to plenary CN#20.

5. Agreed N1-030559 (CR#362r2) was overridden to the new agreed CR#398 in N1-030646 that is taken to plenary CN#20.

Status	TDoc #	Spec	CR #	Rev	CAT	Tdoc Title	C_Version	Type	WI	Rel
AGREED	N1-030906	23.009	094	2	F	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	3.13.0	CR	GSM-UMTS Interworking	R99
AGREED	N1-030907	23.009	095	2	A	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	4.7.0	CR	GSM-UMTS Interworking	Rel-4
AGREED	N1-030908	23.009	096	2	A	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	5.4.0	CR	GSM-UMTS Interworking	Rel-5
AGREED	N1-030875	23.009	097	2	F	Addition of UESBI-Iu to handover and relocation procedures	5.4.0	CR	LATE_UE	Rel-5
AGREED	N1-030943	23.218	043	5	F	Correction on Handling of MO request	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030663	23.218	048		F	Clarification concerning the use of Service Key	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030855	23.218	051	1	F	S-CSCF behavior correction to enable call forwarding	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030924	23.218	055	1	F	Filtering of unknown header fields and header parameters	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030664	24.008	751	1	F	Combined RAU successful for GPRS only, missing GMM cause IE	3.15.0	CR	TEI	R99
AGREED	N1-030665	24.008	752	1	A	Combined RAU successful for GPRS only, missing GMM cause IE(corresponding change to Rel-5 was part of N1-030216, CR 24.008-741 rev1, work item TEI5)	4.10.0	CR	TEI	Rel-4
AGREED	N1-030615	24.008	759		F	Alignment of parameter 'signalling information' with other QoS parameters	5.7.0	CR	IMS-CCR	Rel-5
AGREED	N1-030616	24.008	760		A	Alignment of parameter 'signalling information' with other QoS parameters	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-030822	24.008	761	1	F	Provision of DNS server IPv6 address	3.15.0	CR	TEI	R99
AGREED	N1-030823	24.008	762	1	A	Provision of DNS server IPv6 address	4.10.0	CR	TEI	Rel-4
AGREED	N1-030841	24.008	763	1	F	Cleanup and correction of the PCO-IE	5.7.0	CR	IMS-CCR	Rel-5
AGREED	N1-030842	24.008	764	1	A	Cleanup and correction of the PCO-IE	6.0.0	CR	IMS-CCR	Rel-6
AGREED	N1-030824	24.008	765	1	F	Indication of the MS support	4.10.0	CR	TEI4	Rel-

						of "Modulation based multislot class"				4
AGREED	N1-030825	24.008	766	1	A	Indication of the MS support of "Modulation based multislot class"	5.7.0	CR	TEI4	Rel-5
AGREED	N1-030826	24.008	767	1	A	Indication of the MS support of "Modulation based multislot class"	6.0.0	CR	TEI4	Rel-6
AGREED	N1-030626	24.008	768		F	Wrong references in SETUP and redirected number/subaddress IEs	6.0.0	CR	TEI6	Rel-6
AGREED	N1-030655	24.008	769		F	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	3.15.0	CR	TEI	R99
AGREED	N1-030656	24.008	770		A	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	4.10.0	CR	TEI	Rel-4
AGREED	N1-030657	24.008	771		A	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	5.7.0	CR	TEI	Rel-5
AGREED	N1-030661	24.008	772		A	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	6.0.0	CR	TEI	Rel-6
AGREED	N1-030666	24.008	773		F	Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode	3.15.0	CR	Security	R99
AGREED	N1-030667	24.008	774		A	Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode	4.10.0	CR	Security	Rel-4
AGREED	N1-030668	24.008	775		A	Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode	5.7.0	CR	Security	Rel-5
AGREED	N1-030669	24.008	776		A	Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode	6.0.0	CR	Security	Rel-6
AGREED	N1-030673	24.008	779		F	Correction of the static conditions for the bearer capability IE contents	5.7.0	CR	TEI5	Rel-5
AGREED	N1-030674	24.008	780		A	Correction of the static conditions for the bearer capability IE contents	6.0.0	CR	TEI5	Rel-6
AGREED	N1-030827	24.008	781	1	F	Clarification of the procedure for the change of DRX parameter	3.15.0	CR	TEI	R99
AGREED	N1-030828	24.008	782	1	A	Clarification of the procedure for the change of DRX parameter	4.10.0	CR	TEI	Rel-4
AGREED	N1-030829	24.008	783	1	A	Clarification of the procedure for the change of DRX parameter	5.7.0	CR	TEI	Rel-5
AGREED	N1-030830	24.008	784	1	A	Clarification of the procedure for the change of DRX parameter	6.0.0	CR	TEI	Rel-6
AGREED	N1-030925	24.011	027	2	F	UE behaviour when sending SMS over GPRS	5.1.0	CR	TEI5	Rel-5
AGREED	N1-030704	24.228	104	2	F	General update (SDP) to clauses 7 and 8	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030522	24.228	109	1	F	SUBSCRIBE request information stored at the P-CSCF and S-CSCF	5.4.0	CR	IMS-CCR	Rel-5

AGREED	N1-030797	24.228	110		F	Removal of the Event header field from the response to the SUBSCRIBE request	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030847	24.228	111	1	F	Expires header alignment with 24.229	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030939	24.229	295	4	F	Security agreement inclusion in SIP profile	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030938	24.229	322	5	F	3GPP P-header inclusion in SIP profile	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030923	24.229	332	5	F	Change of IP address for the UE	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030942	24.229	356	4	F	Addition of procedures at the AS for SDP	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030931	24.229	369	3	F	S-CSCF behavior correction to enable call forwarding	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030521	24.229	370	1	F	SUBSCRIBE request information stored at the P-CSCF and S-CSCF	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030858	24.229	371	1	F	Profile Tables - Transparency	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030860	24.229	375	1	F	Profile Tables - Major Capability Corrections	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030921	24.229	376	2	F	Profile Tables - Deletion of Elements not used in 24.229	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030840	24.229	377	1	F	Use of the QoS parameter 'signalling information' for a signalling PDP context	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030919	24.229	378	2	F	Deregistration of a PUID (not the last one)	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030920	24.229	379	2	F	'Last registered public user identity' terminology change	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030881	24.229	380	1	F	Check Integrity Protection for P-Access-Network-Info header	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030882	24.229	381	1	F	PCSCF setting of Integrity protection indicator and checking of Security Verify header	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030884	24.229	383	1	F	Consistent treatment of register and de-register	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030885	24.229	384	1	F	Optionality of sending CK is removed	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030886	24.229	385	1	F	Addition of note and Correction of References regarding security associations and registration	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030887	24.229	387	1	F	Subscription/Registration refresh time	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030863	24.229	388	1	F	Corrections to use of IK	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030647	24.229	390		F	Mobile-originating case at UE	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030917	24.229	394	2	F	Re-authentication procedure.	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030652	24.229	395		F	Replacement of SIP URL with SIP URI	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030926	24.229	397	2	F	Notification about registration state	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030646	24.229	398		F	Combined CRs: N1-030495, N1-030558 , and N1-030559	5.4.0	CR	IMS-CCR	Rel-5

AGREED	N1-030848	24.229	402	1	F	Handling of P-Asserted ID in MGCF	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030873	24.229	404	1	F	S-CSCF initiated release of calls to circiut switched network	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030927	24.229	405	2	F	Supported Integrity algorithms	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030851	24.229	407	1	F	RFC 3524, Single Reservation Flows	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030868	24.229	410	1	F	Clarification of the S-CSCF's handling of the P-access-network-info header	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030941	24.229	411	2	F	Port numbers in the RR header entries	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030928	24.229	412	2	F	Registration abnormal cases	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030720	24.229	415		F	Minor correction to section 5.4.5.1.2	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030872	24.229	417	1	F	Introduction of RTCP bandwidth	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030844	24.229	418	1	F	Registratin Event - Shortend	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030845	24.229	419	1	F	HSS / S-CSCF text relating to user deregistration	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030743	24.229	421		F	Handling of unknown methods at the P-CSCF	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030870	24.229	422	1	F	Definitions and abbreviations update	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030752	24.229	423		F	Removal of hanging paragraph	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030753	24.229	424		F	Access network charging information	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030871	24.229	425	1	F	UE procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030755	24.229	426		F	P-CSCF procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030756	24.229	427		F	I-CSCF procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030757	24.229	428		F	S-CSCF procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030758	24.229	429		F	BGCF procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030759	24.229	430		F	AS procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030760	24.229	431		F	MRFC procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030852	24.229	434	1	F	SDP procedure tidyup	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030935	24.229	438	2	F	Profile Tables – Further Corrections	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030940	24.229	439	3	F	AS's subscription for the registration state event package	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030792	24.229	440		F	Temporary Public User Identity in re- and de-REGISTER requests	5.4.0	CR	IMS-CCR	Rel-5
AGREED	N1-030709	29.018	033		F	Addition of IMEISV to BSSAP+-LOCATION-UPDATE-REQUEST message	5.3.0	CR	LATE_UE	Rel-5

AGREED	N1-030934	44.065	004	4	B	Additional support of ROHC in SNDCP	5.0.0	CR	TEI6	Rel-6
AGREED	N1-030833	44.065	005	1	C	Multiple header compression algorithms handling	5.0.0	CR	TEI6	Rel-6

CRs for e-mail agreement

None

Documents Endorsed by N1

None

Annex D Tdoc list (incl. the status)

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Status
N1-030521	SUBSCRIBE request information stored at the P-CSCF and S-CSCF	Ericsson (M. Garcia)	24.229	IMS-CCR	5.4.0	Rel-5	F	370	1	CR	Revised from 470 but not treated.	AGREED
N1-030522	SUBSCRIBE request information stored at the P-CSCF and S-CSCF	Ericsson (M. Garcia)	24.228	IMS-CCR	5.4.0	Rel-5	F	109	1	CR	Revised from 471 but not treated	AGREED
N1-030568	San Diego 0305	Chairman								AGENDA		AGREED
N1-030569	Latest workplan for review, 030425	MCC								WORKPLAN		REVISED TO 945
N1-030570	LS on DRX parameter	GERAN								LS IN	GP-030913, To: SA2, Cc: CN1, RAN1, RAN2, RAN3, T2,	NOTED
N1-030571	Reply to LS on double ciphering for MBMS multicast data.	GERAN								LS IN	GP-030914, To: SA3, Cc: CN1, RAN2,	NOTED
N1-030572	LS on impact of 'Early UE handling' on the GERAN	GERAN								LS IN	GP-030928, To: SA2, Cc: CN1, CN4, RAN3, SA1,	NOTED
N1-030573	LS on < Indication of the MS support of "Modulation based multislot class">	GERAN2								LS IN	GP-031039R, To: CN1, Cc: ,	NOTED
N1-030574	Answer to Liaison Statement on Core Network Provision of separate flows for P2P and P2M radio Transmission	GERAN								LS IN	GP-031066, To: SA2, RAN1, RAN2, Cc: SA4, CN1, CN4, RAN3,	NOTED

N1-030575	LS on early UE handling	RAN3								LS IN	R3-030534, To: SA2, Cc: CN1,	NOTED
N1-030576	Response LS on (U)SIM Toolkit originated emergency calls	SA1								LS IN	S1-030470, To: T3, Cc: T, CN1, EP SCP,	NOTED
N1-030577	LS on Protocols over the Mt interface	SA1								LS IN	S1-030516, To: SA2, Cc: CN1,	NOTED
N1-030578	LS on Network Sharing Requirements for Rel-6	SA1								LS IN	S1-030533, To: CN1, Cc: ,	LS OUT in 815 by AndrewH./Motorola
N1-030579	LS on R99 and later emergency calls when attached to data only network	SA1								LS IN	S1-030539, To: CN1, Cc: SA2, GERAN2, RAN2,	LS OUT in 816 by Atle/Ericsson
N1-030580	LS on Review of the Speech Enabled Services part of the 3GPP work plan	SA2								LS IN	S2-031562, To: SA1, SA4, CN1, Cc: SA,	NOTED
N1-030581	LS on impacts on the UE of UE-Initiated Tunnelling	SA2								LS IN	S2-031569, To: CN1, T2, SA3, Cc: ,	LS OUT in 817 by Inma/Noka
N1-030582	LS Response on Use of ISIM and USIM for IMS access	SA2								LS IN	S2-031581, To: SA3, Cc: SA1, CN1, T3,	NOTED
N1-030583	LS Response on IPv6 DNS server discovery in release 99 and release 4	SA2								LS IN	S2-031584, To: CN1, Cc: ,	NOTED
N1-030584	LS Response on duration of ICID at IMS registration	SA2								LS IN	S2-031587, To: SA5, CN1, Cc: ,	NOTED
N1-030585	LS on Protocols over the Mt interface	SA2								LS IN	S2-031588, To: CN1, Cc: ,	NOTED
N1-030586	LS on Broadcast and PLMN selection for Shared RAN	SA2								LS IN	S2-031590, To: RAN2, GERAN2, CN1, Cc: ,	NOTED
N1-030587	LS on Stage 3 work for Early UE handling	SA2								LS IN	S2-031592, To: CN1, CN4, RAN3, GERAN2, Cc: RAN2,	NOTED
N1-030588	LS on change of IP address due to privacy	SA2								LS IN	S2-031594, To: CN1, Cc: ,	NOTED
N1-030589	Reply LS on “Relationship between IMS sessions and a PDP context”	SA5								LS IN	S5-034260, To: SA2, CN3, Cc: CN1,	NOTED
N1-030590	Reply LS on duration of ICID at IMS registration	SA5								LS IN	S5-034261, To: CN1, Cc: SA2,	NOTED

N1-030591	Rework of Profile Tables	Nokia								DISC		NOTED
N1-030592	Profile Tables - Transparency	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	371		CR		REVISED TO 858
N1-030593	Profile Tables - Terminology	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	372		CR		WITHDRAWN
N1-030594	Profile Tables - Restructure	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	373		CR		WITHDRAWN
N1-030595	Profile Tables - Informative PDU Parameters	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	374		CR		WITHDRAWN
N1-030596	Profile Tables - Major Capability Corrections	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	375		CR		REVISED TO 860
N1-030597	Profile Tables - Deletion of Elements not used in 24.229	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	376		CR		REVISED TO 894
N1-030598	TR 29.847 - Conferencing based on SIP, SDP and other protocols	Nokia / Georg	29.847	IMS-CCR-E	0.1.0	Rel-6				TR		NOTED
N1-030599	Conference-Factory-URI creation flow update	Siemens, Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR		REVISED TO 910
N1-030600	Conference-Factory-URI - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR		REVISED TO 911
N1-030601	User calling into a conference - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR		REVISED TO 912
N1-030602	User calling into a conference – Call Flow (I)	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6	F			CR		AGREED
N1-030603	Profile Tables – Further Corrections	Nokia	24.229	IMS-CCR-E	5.4.0	Rel-5		438		CR		REVISED TO 861
N1-030604	Subscription to Conference Event - Call Flow	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR		REVISED TO 914
N1-030605	User calling into a conference - Call Flow (I)	Nokia								DISC		NOTED
N1-030606	Ad hoc conference creation - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR		REVISED TO 913
N1-030607	Generic SIP and SDP Procedures for Conferences - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Not presented.	REVISED TO 835
N1-030608	Functional Mt Protocols	Nokia								DISC		NOTED

N1-030609	Rel-6 IMS Service Specification	Nokia								DISC		REVISED TO 904
N1-030610	Presence WID	Nokia								WID		REVISED TO 905
N1-030611	IMS Enhancements WID	Nokia								WID		REVISED TO 916
N1-030612	Update Dependency List	Nokia / Georg Mayer								DISC	Not presented.	REVISED TO 866
N1-030613	Emergency Call Enhancements for IP& PS Based Calls - stage 3	Ericsson / A Monrad		EMC1-PS		Rel-6				WID	Not presented.	REVISED TO 859
N1-030614	Use of the QoS parameter 'signalling information' for a signalling PDP context	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	377		CR		REVISED TO 840
N1-030615	Alignment of parameter 'signalling information' with other QoS parameters	Ericsson / A Monrad	24.008	IMS-CCR	5.7.0	Rel-5	F	759		CR		AGREED
N1-030616	Alignment of parameter 'signalling information' with other QoS parameters	Ericsson / A Monrad	24.008	IMS-CCR	6.0.0	Rel-6	A	760		CR		AGREED
N1-030617	Provision of DNS server IPv6 address	Ericsson / A Monrad	24.008	IMS-CCR	3.15.0	R99	F	761		CR		REVISED TO 822
N1-030618	Provision of DNS server IPv6 address	Ericsson / A Monrad	24.008	IMS-CCR	4.10.0	Rel-4	A	762		CR		REVISED TO 823
N1-030619	Cleanup and correction of the PCO-IE	Ericsson / A Monrad	24.008	TEI	5.7.0	Rel-5	F	763		CR		REVISED TO 841
N1-030620	Cleanup and correction of the PCO-IE	Ericsson / A Monrad	24.008	TEI	6.0.0	Rel-6	A	764		CR		REVISED TO 842
N1-030621	Deregistration of a PUID (not the last one)	Orange	24.229	IMS-CCR	5.4.0	Rel-5	F	378		CR	LS out in 888	REVISED TO 892
N1-030622	'Last registered public user identity' terminology change	Orange	24.229	IMS-CCR	5.4.0	Rel-5	F	379		CR		REVISED TO 862
N1-030623	Indication of the MS support of "Modulation based multislot class"	Siemens AG	24.008	TEI-4	4.10.0	Rel-4	F	765		CR		REVISED TO 824
N1-030624	Indication of the MS support of "Modulation based	Siemens AG	24.008	TEI-4	5.7.0	Rel-5	A	766		CR		REVISED TO 825

	multislot class"											
N1-030625	Indication of the MS support of "Modulation based multislot class"	Siemens AG	24.008	TEI-4	6.0.0	Rel-6	A	767		CR		REVISED TO 826
N1-030626	Wrong references in SETUP and redirected number/subaddress IEs	Siemens AG	24.008	TEI-6	6.0.0	Rel-6	F	768		CR		AGREED
N1-030627	Revision level fallback	Nokia / Hannu	24.008	TEI	3.15.0	R99	F	748	2	CR		POSTPONED
N1-030628	LS on Error Handling in Pre-R99 Networks	GSMA								LS IN	B. Best GSMA CTO, To: CN, Cc: GERAN, CN1, GSMA TWG, SA,	NOTED
N1-030629	Overlapping 3GPP and OMA work areas	Chairman								DISC		NOTED
N1-030630	MBMS WID	3		MBMS						WID		AGREED
N1-030631	MBMS Technical Report v 0.1.0	3	29.846	MBMS		Rel-6				TR		NOTED
N1-030632	MBMS Messages Overview	3		MBMS						CR		REVISED TO 879
N1-030633	MBMS Session Management Messages	3		MBMS						CR		AGREED
N1-030634	General Updates to MBMS TR	3		MBMS						CR		REVISED TO 878
N1-030635	Check Integrity Protection for P-Access-Network-Info header	3	24.229	IMS-CCR	5.4.0	Rel-5	F	380		CR		REVISED TO 881
N1-030636	PCSCF setting of Integrity protection indicator and checking of Security Verify header	3	24.229	IMS-CCR	5.4.0	Rel-5	F	381		CR		REVISED TO 882
N1-030637	Security association handling at PCSCF	3	24.229	IMS-CCR	5.4.0	Rel-5	F	382		CR		REJECTED
N1-030638	Consistent treatment of register and de-register	3	24.229	IMS-CCR	5.4.0	Rel-5	F	383		CR		REVISED TO 884
N1-030639	Optionality of sending CK is removed	3	24.229	IMS-CCR	5.4.0	Rel-5	F	384		CR		REVISED TO 885
N1-030640	Addition of note and Correction of References	3	24.229	IMS-CCR	5.4.0	Rel-5	F	385		CR		REVISED TO 886

	regarding security associations and registration											
N1-030641	Specify that all non-REGISTER requests must be integrity protected	3	24.229	IMS-CCR	5.4.0	Rel-5	F	386		CR		POSTPONED
N1-030642	Subscription/Registration refresh time	3	24.229	IMS-CCR	5.4.0	Rel-5	F	387		CR		REVISED TO 887
N1-030643	Corrections to use of IK	3	24.229	IMS-CCR	5.4.0	Rel-5	F	388		CR		REVISED TO 863
N1-030644	Corrections to use of RES/XRES	3	24.229	IMS-CCR	5.4.0	Rel-5	F	389		CR		REVISED TO 864
N1-030645	Alignment with SA3 specifications for SA lifetime management	3	24.229	IMS-CCR	5.4.0	Rel-5				DISC		NOTED
N1-030646	Combined CRs: N1-030495, N1-030558 , and N1-030559	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	398		CR	CRs 358r2, 362r2 and 345r1 was agreed in CN1-29	AGREED
N1-030647	Mobile-originating case at UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	390		CR		AGREED
N1-030648	P-CSCF handling of the Record-Route header in MO requests	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	391		CR		REJECTED
N1-030649	P-CSCF handling of Route header in MO requests	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	392		CR		REJECTED
N1-030650	P-CSCF handling of the Record-Route header in requests terminated at the UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	393		CR		REJECTED
N1-030651	Re-authentication procedure.	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	394		CR		REVISED TO 883
N1-030652	Replacement of SIP URL with SIP URI	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	395		CR		AGREED
N1-030653	Via header in registration and re-registration.	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	396		CR		WITHDRAWN
N1-030654	Notification about registration state	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	397		CR		REVISED TO 889
N1-030655	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	NTT DoCoMo	24.008	TEI	3.15.0	R99	F	769		CR		AGREED

N1-030656	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	NTT DoCoMo	24.008	TEI	4.10.0	Rel-4	A	770		CR		AGREED
N1-030657	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	NTT DoCoMo	24.008	TEI	5.7.0	Rel-5	A	771		CR		AGREED
N1-030658	SMS over GPRS disabled	NTT DoCoMo	04.11	TEI	7.1.0	R98	F	A028	1	CR		REJECTED
N1-030659	SMS over GPRS disabled	NTT DoCoMo	24.011	TEI	3.6.0	R99	A	025	1	CR		REJECTED
N1-030660	SMS over GPRS disabled	NTT DoCoMo	24.011	TEI	4.1.1	Rel-4	A	026	1	CR		REJECTED
N1-030661	Alignment on BC IE coding for FAX between TS24.008 and TS27.001	NTT DoCoMo	24.008	TEI	6.0.0	Rel-6	A	772		CR		AGREED
N1-030662	Service Key Clarification	Marconi Communications								DISC		NOTED
N1-030663	Clarification concerning the use of Service Key	Marconi Communications	23.218	IMS-CCR	5.4.0	Rel-5	F	048		CR		AGREED
N1-030664	Combined RAU successful for GPRS only, missing GMM cause IE	Siemens	24.008	TEI	3.15.0	R99	F	751	1	CR		AGREED
N1-030665	Combined RAU successful for GPRS only, missing GMM cause IE(corresponding change to Rel-5 was part of N1-030216, CR 24.008-741 rev1, work item TEI5)	Siemens	24.008	TEI	4.10.0	Rel-4	A	752	1	CR	Corresponding change to Rel-5 was part of N1-030216, CR 24.008-741 rev1, work item TEI5.	AGREED
N1-030666	Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode	Siemens	24.008	Security	3.15.0	R99	F	773		CR		AGREED
N1-030667	Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode	Siemens	24.008	Security	4.10.0	Rel-4	A	774		CR		AGREED
N1-030668	Unciphered transmission of Authentication and Ciphering Failure in A/Gb mode	Siemens	24.008	Security	5.7.0	Rel-5	A	775		CR		AGREED
N1-030669	Unciphered transmission of Authentication and	Siemens	24.008	Security	6.0.0	Rel-6	A	776		CR		AGREED

	Ciphering Failure in A/Gb mode											
N1-030670	Inconsistencies between TS 24.008, TS 27.001, TS 29.007, and TS 23.172, concerning the inclusion of the 2 Bearer Capability IEs in the Call Confirmed and Call Proceeding	Siemens								DISC	CN1 specs need to be corrected only from Rel-5 onwards, but inconsistencies between CN1 and CN3 specs exist from R99 onwards; therefore use of agenda item 6.1.	NOTED
N1-030671	Removal of 'no BC' option	Siemens	24.008	SCUDIF	5.7.0	Rel-5	F	777		CR		WITHDRAWN
N1-030672	Removal of 'no BC' option	Siemens	24.008	SCUDIF	6.0.0	Rel-6	A	778		CR		WITHDRAWN
N1-030673	Correction of the static conditions for the bearer capability IE contents	Siemens	24.008	TEI5	5.7.0	Rel-5	F	779		CR		AGREED
N1-030674	Correction of the static conditions for the bearer capability IE contents	Siemens	24.008	TEI5	6.0.0	Rel-6	A	780		CR		AGREED
N1-030675	Additional LLC SAPIs for data transfer	Siemens								DISC		NOTED
N1-030676	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	3.15.0	R99	F	781		CR		REVISED TO 827
N1-030677	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	4.10.0	Rel-4	A	782		CR		REVISED TO 828
N1-030678	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	5.7.0	Rel-5	A	783		CR		REVISED TO 829
N1-030679	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	6.0.0	Rel-6	A	784		CR		REVISED TO 830
N1-030680	Security association set-up procedure	Lucent Technologies / Milo Orsic	24.229	IMS-CCR		Rel-5				DISC		NOTED
N1-030681	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Nortel Networks/ Sonia Garapaty	23.009	GSM-UMTS Interworking	3.13.0	R99	F	094		CR		REVISED TO 837
N1-030682	Correct text related to timer expiry for	Nortel Networks/	23.009	GSM-UMTS	4.7.0	Rel-4	A	095		CR		REVISED TO 838

	receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Sonia Garapaty		Interworking								
N1-030683	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Nortel Networks/ Sonia Garapaty	23.009	GSM-UMTS Interworking	5.4.0	Rel-5	A	096		CR		REVISED TO 839
N1-030684	Support the maximum bit rate for HSDPA	NEC/Yukio Kawanami	24.008	HSDPA	5.7.0	Rel-5	F	785		CR		POSTPONED
N1-030685	Support the maximum bit rate for HSDPA	NEC/Yukio Kawanami	24.008	HSDPA	6.0.0	Rel-6	F	786		CR		POSTPONED
N1-030686	Correction on Handling of MO request	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	043	2	CR	CR 043r1 was agreed in CN1-29. Not presented.	REVISED TO 804
N1-030687	Clarifications on service key	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	047	2	CR		REJECTED
N1-030688	Corrections regarding SPTs and Filter Criteria handling on REGISTER request	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	044	2	CR	CR 044r1 was agreed in CN1-29. Not presented.	REVISED TO 805
N1-030689	Clarifications on AS adress	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	049		CR		REJECTED
N1-030690	Discussion on ICID for REGISTER	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5				DISC		NOTED
N1-030691	Clarifications on ICID for REGISTER	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	350	1	CR		POSTPONED
N1-030692	UE/network behaviour on reception of 420 (Bad Extension) message	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	343	3	CR	CR 343r2 was agreed in CN1-29. Not presented.	REVISED TO 803
N1-030693	Clarifications on general purpose PDP context	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	399		CR		REJECTED
N1-030694	Addition of procedures at the AS for SDP	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	356	2	CR		REVISED TO 850
N1-030695	The principles of the usage of SIP/SDP	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	400		CR		REJECTED
N1-030696	Clarifications on AS provided by the third party service providers	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	401		CR		REVISED TO 867
N1-030697	Handling of P-Asserted ID in MGCF	Siemens	24.229	IMS-CCR	5.4.0	Rel-5	F	402		CR		REVISED TO 848

N1-030698	Handling of P-Asserted ID in P-CSCF for terminating call	Siemens	24.229	IMS-CCR	5.4.0	Rel-5	F	403		CR		REJECTED
N1-030699	S-CSCF initiated release of calls to circiut switched network	Siemens	24.229	IMS-CCR	5.4.0	Rel-5	F	404		CR		REVISED TO 873
N1-030700	Security Issues for the Mt reference point	Siemens								DISC		NOTED
N1-030701	Multiple header compression algorithms handling	Siemens AG	44.065	TEI-6	5.0.0	Rel-6	C	005		CR	Wrong CR# due to requested for 24.065.	REVISED TO 833
N1-030702	Supported Integrity algorithms	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	405		CR		REVISED TO 890
N1-030703	Clean up of the use of the CK	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	406		CR		REVISED TO 893
N1-030704	General update (SDP) to clauses 7 and 8	Ericsson/ M. Garcia	24.228	IMS-CCR	5.4.0	Rel-5	F	104	2	CR	CR 104r1 was agreed in CN1-29	AGREED
N1-030705	RFC 3524, Single Reservation Flows	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	407		CR		REVISED TO 851
N1-030706	488 Responses apply only to requests	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	408		CR		WITHDRAWN
N1-030707	Cancellation of dialogs	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	409		CR		REVISED TO 874
N1-030708	Clarification of the S-CSCF's handling of the P-access-network-info header	Duncan Mills / Vodafone	24.229	IMS-CCR	5.4.0	Rel-5	F	410		CR		REVISED TO 868
N1-030709	Addition of IMEISV to BSSAP+-LOCATION-UPDATE-REQUEST message	Duncan Mills / Vodafone	29.018	LATE_UE	5.3.0	Rel-5	F	033		CR		AGREED
N1-030710	Addition of IMEISV to BSSAP+-PAGING-REQUEST message	Duncan Mills / Vodafone	29.018	LATE_UE	5.3.0	Rel-5	F	034		CR		Not available
N1-030711	Addition of BMUEF to BSSAP+-PAGING-REQUEST message	Duncan Mills / Vodafone	29.018	LATE_UE	5.3.0	Rel-5	F	035		CR		Not available
N1-030712	UE behaviour when sending SMS over GPRS	Ericsson	24.011	TEI-5	5.1.0	Rel-5	F	027		CR		REVISED TO 831
N1-030713	GCID transport	Nokia	29.962		1.2.0	Rel-6				CR		Not available
N1-030714	Openness of Rel6 IMS network:	Nokia								DISC		NOTED

	security methods required											
N1-030715	S-CSCF acting in originating role	Nokia								DISC		NOTED
N1-030716	Port numbers in the RR header entries	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	411		CR		REVISED TO 849
N1-030717	Registration abnormal cases	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	412		CR		REVISED TO 843
N1-030718	AS procedures	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	413		CR		REVISED TO 869
N1-030719	Corrections to 5.4.3.3	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	414		CR		REVISED TO 853
N1-030720	Minor correction to section 5.4.5.1.2	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	415		CR		AGREED
N1-030721	Forking in IMS	Nokia	24.229	IMS-CCR	5.4.0	Rel-6	F	416		CR		POSTPONED
N1-030722	Introduction of RTCP bandwidth	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	417		CR		REVISED TO 872
N1-030723	Resource reservation for a general-purpose PDP context	Ericsson / A Monrad		IMS-CCR		Rel-5				DISC		Not available
N1-030724	Correction of SDP for the UE	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	329	1	CR		WITHDRAWN
N1-030725	Addition of UESBI-Iu to handover and relocation procedures	Nokia/Inma	23.009	LATE_UE	5.4.0	Rel-5		097		CR		REVISED TO 832
N1-030726	Information transfer at MAP-E interface during inter MSC handover/relocation	Nokia/Inma								DISC		NOTED
N1-030727	Information transfer at MAP-E interface during inter MSC handover/relocation	Nokia/Inma	23.009	TEI5	5.4.0	Rel-6		098		CR		POSTPONED
N1-030728	TS skeleton and initial contents for 3GPP WLAN IW Authentication	Nokia/Inma								TS		REVISED TO 915
N1-030729	Change of IP address for the UE	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	332	3	CR		REVISED TO 854
N1-030730	Registratin Event - Shortend	Nokia / Georg	24.229	IMS-CCR-E	5.4.0	Rel-5	F	418		CR		REVISED TO 844
N1-030731	Summary of current IETF documents on SIPPING	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-	Summary of current	Lucent		IMS-						INFO		NOTED

030732	IETF documents on SIP	Technologies / Keith Drage		CCR								
N1-030733	Summary of current IETF documents on MMUSIC	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030734	An analysis of the requirements for the Security-Client header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030735	An analysis of the requirements for the Security-Server header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030736	An analysis of the requirements for the Security-Verify header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030737	Security agreement inclusion in SIP profile	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	295	3	CR		REVISED TO 939
N1-030738	Alignment of security header procedures with RFC 3329	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	366	2	CR		Not treated
N1-030739	HSS / S-CSCF text relating to user deregistration	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	419		CR		REVISED TO 845
N1-030740	Discussion on the use of privacy in release 5 IM CN subsystem	Lucent Technologies / Keith Drage		IMS-CCR		Rel-5				DISC		POSTPONED
N1-030741	Completion of major capabilities table in respect of privacy	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	367	1	CR		POSTPONED
N1-030742	Privacy considerations for the UE	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	420		CR		POSTPONED
N1-030743	Handling of unknown methods at the P-CSCF	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	421		CR		AGREED
N1-030744	An analysis of the requirements for the P-Associated-URI header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030745	An analysis of the requirements for the P-Called-Party-ID header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030746	An analysis of the requirements for the P-Visited-Network-ID header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030747	An analysis of the requirements for	Lucent Technolog		IMS-CCR						INFO		NOTED

	the P-Access-Network-Info header	ies / Keith Drage										
N1-030748	An analysis of the requirements for the P-Charging-Function-Addresses header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030749	An analysis of the requirements for the P-Charging-Vector header	Lucent Technologies / Keith Drage		IMS-CCR						INFO		NOTED
N1-030750	3GPP P-header inclusion in SIP profile	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	322	4	CR		REVISED TO 938
N1-030751	Definitions and abbreviations update	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	422		CR		REVISED TO 870
N1-030752	Removal of hanging paragraph	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	423		CR		AGREED
N1-030753	Access network charging information	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	424		CR		AGREED
N1-030754	UE procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	425		CR		REVISED TO 871
N1-030755	P-CSCF procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	426		CR		AGREED
N1-030756	I-CSCF procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	427		CR		AGREED
N1-030757	S-CSCF procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	428		CR		AGREED
N1-030758	BGCF procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	429		CR		AGREED
N1-030759	AS procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	430		CR		AGREED
N1-030760	MRFC procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	431		CR		AGREED
N1-030761	Summary of current IETF documents on SIMPLE	Lucent Technologies / Keith Drage		PRESNC		Rel-6				INFO		NOTED
N1-	Draft 3GPP TR	Lucent	24.841	PRESN	0.6.0	Rel-				TR		NOTED

030762	24.841 "Presence based on SIP; Functional models, information flows and protocol details"	Technologies / Keith Drage		C		6						
N1-030763	Presence WID open issues list	Lucent Technologies / Keith Drage		PRESNC		Rel-6				INFO		NOTED
N1-030764	CR to 24.841: Addition of 3GPP P-headers to PUBLISH profile	Lucent Technologies / Keith Drage	24.841	PRESNC	0.6.0	Rel-6				CR		AGREED
N1-030765	CR to 24.841: Addition of security headers to PUBLISH profile	Lucent Technologies / Keith Drage	24.841	PRESNC	0.6.0	Rel-6				CR		REVISED TO 900
N1-030766	Discussion of implementation of MSRP in the IM CN subsystem	Lucent Technologies / Keith Drage		IMS-CCR2						DISC		NOTED
N1-030767	Presentation on ICS proforma and profiles	Lucent Technologies / Keith Drage		IMS-CCR						DISC		Not treated
N1-030768	Charging references in 4.1	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	432		CR		Not treated
N1-030769	MGCF procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	433		CR		Not treated
N1-030770	SDP procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	434		CR		REVISED TO 852
N1-030771	Compression procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	435		CR		Not treated
N1-030772	Reference updates	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	436		CR		WITHDRAWN
N1-030773	Benefits of ROHC for non-real time services	Ericsson LM								DISC		NOTED
N1-030774	Additional support of ROHC in SNDCP	Ericsson LM	44.065	TEI	5.0.0	Rel-6	B	004	2	CR		REVISED TO 834
N1-030775	Updated References	Nokia / Georg	29.847	IMS-CCR-E	0.1.0	Rel-6				CR		AGREED
N1-030776	Clarifications on AS procedure on REGISTER request	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	437		CR		REJECTED
N1-030777	Reply LS on unciphered IMEISV transfer	SA3								LS IN	S3-030294, To: SA2, CN1, Cc: ,	LS OUT in 818 by Robert/Si

												emens
N1-030778	LS on 'Handling of START values stored on a ME for use with a SIM'	SA3								LS IN	S3-030296, To: CN1, T3, RAN2, GERAN, Cc: ,	NOTED
N1-030779	LS on impacts on the UE of UE-Initiated Tunnelling	SA3								LS IN	S3-030298 To: SA2, Cc: CN1, T2,	NOTED
N1-030780	LS on security solutions for the Mt reference point	SA3								LS IN	S3-030302, To: CN1, SA2, Cc: ,	LS OUT in 819 by Peter/Siemens
N1-030781	LS on increasing the key length for GEA3	SA3								LS IN	S3-030308, To: CN1, Cc: GERAN,	LS OUT in 820 by Christian/ Ericsson
N1-030782	Reply to "Reply to Liaison Statement on MBMS Codec Requirements"	SA4								LS IN	S4-030415, To: SA2, Cc: SA1, SA3, SA5, RAN2, RAN3, GERAN1, GERAN2, CN1,	NOTED
N1-030783	Reply LS on media codecs and formats for Presence and Messaging	SA4								LS IN	S4-030418, To: SA2, CN1, Cc: ,	LS OUT in 821 by Krisztian/ Nokia
N1-030784	Liaison Statement on Handling of DTMF in IMS	SA4								LS IN	S4-030427, To: CN3, Cc: CN1,	NOTED
N1-030785	Reply to "Reply LS on Radio Access Bearer for PS conversational testing"	SA4								LS IN	S4-030364, To: CN1, Cc: RAN2, GERAN2,	NOTED
N1-030786	Default handling in Filter Criteria	Nokia	23.218	IMS-CCR	5.4.0	Rel-6	F	050		CR	Not presented.	REVISED TO 801
N1-030787	AS's subscription for the registration state event package	Nokia/ Krisztian Kiss	24.229	IMS-CCR	5.4.0	Rel-5		439		CR		REVISED TO 846
N1-030788	S-CSCF behavior correction to enable call forwarding	Nokia/ Krisztian Kiss	23.218	IMS-CCR	5.4.0	Rel-5		051		CR		REVISED TO 855
N1-030789	S-CSCF behavior correction to enable call forwarding	Nokia/ Krisztian Kiss	24.229	IMS-CCR	5.4.0	Rel-5		369	1	CR		REVISED TO 856
N1-030790	CR: Update of 6.1.3 and 6.1.4	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR		REVISED TO 901
N1-030791	CR: Removal of 6.2.3	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR		AGREED
N1-030792	Temporary Public User Identity in re- and de-REGISTER requests	Nokia/ Krisztian Kiss	24.229	IMS-CCR	5.4.0	Rel-5	F	440		CR		AGREED
N1-030793	CR: Addition of the RPIDS I-D	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR		AGREED

N1-030794	CR: Addition of the BINPIDF I-D	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR		REVISED TO 902
N1-030795	CR: Reference update	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR		REVISED TO 903
N1-030796	CR: Removal of the Event header field from the response to the SUBSCRIBE request	Nokia/ Krisztian Kiss	24.841	IMS-CCR	0.6.0	Rel-6				CR		AGREED
N1-030797	Removal of the Event header field from the response to the SUBSCRIBE request	Nokia/ Krisztian Kiss	24.228	IMS-CCR	5.4.0	Rel-5	F	110		CR		AGREED
N1-030798	Expires header alignment with 24.229	Nokia/ Krisztian Kiss	24.228	IMS-CCR	5.4.0	Rel-5		111		CR		REVISED TO 847
N1-030799	Record-Routing of SIP dialogs in S-CSCF	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR		AGREED
N1-030800	Record-Routing of SIP dialogs in S-CSCF	Nokia/ Krisztian Kiss	24.229	PRESNC	5.4.0	Rel-6		441		CR		POSTPONED
N1-030801	Default handling in Filter Criteria	Nokia	23.218	IMS-CCR	5.4.0	Rel-6	F	050	1	CR	Revised from 786.	POSTPONED
N1-030802	Liaison Statement on DRX parameter	RAN3								LS IN	R3-030535, To: SA2, Cc: GERAN1, GERAN2, CN1, RAN1, RAN2, T2	NOTED
N1-030803	UE/network behaviour on reception of 420 (Bad Extension) message	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	343	4	CR	CR 343r2 was agreed in CN1-29. Revised from 692.	REJECTED
N1-030804	Correction on Handling of MO request	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	043	3	CR	CR 043r1 was agreed in CN1-29. Revised from 686	REVISED TO 876
N1-030805	Corrections regarding SPTs and Filter Criteria handling on REGISTER request	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	044	3	CR	CR 044r1 was agreed in CN1-29. Revised from 688	REJECTED
N1-030806	Clarifications on AS procedure on REGISTER request	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	052		CR		Not treated
N1-030807	Liaison Statement on RAN assumptions in MBMS TS	SA2								LS IN	S2-032149, To: RAN2, RAN3, Cc: CN1,	NOTED
N1-030808	LS on MBMS	SA2/MBMS								LS IN	S2-032150, To: CN1, CN4, Cc:	NOTED
N1-030809	LS on Stage 3 work for Early UE handling	SA2								LS IN	S2-032154, To: CN1, CN4, RAN3, GERAN2, Cc: RAN2,	NOTED

N1-030810	LS on unciphered IMEISV transfer	SA2								LS IN	S2-032156, To: SA3, Cc: CN1, RAN2,	NOTED
N1-030811	LS on DRX parameters update	SA2								LS IN	S2-032174, To: CN1, Cc: GERAN1, GERAN2, RAN1, RAN2, RAN3, T2,	NOTED
N1-030812	LS on SA 2 work following the joint SA2/RAN2/CN1 meeting on Paging	SA2								LS IN	S2-032175, To: RAN2, RAN3, Cc: CN1,	NOTED
N1-030813	LS on Mapping of NSAPIs onto LLC SAPIs	SA2								LS IN	S2-032177, To: GERAN, CN1, Cc:	LS OUT in 836 by Robert/Siemens
N1-030814	Re: LS on SMS/MMS Interworking from WLANs	T2								LS IN	T2-030316 To: SA1, SA2, CN1, OMA MAG Push, Cc: CN4, OMA MAG, OMA MAG MMSG	NOTED
N1-030815	LS on Network Sharing Requirements for Rel-6	Andrew H./Motorola								LS OUT	Reply to 578. To: SA1, Cc: SA2	AGREED
N1-030816	Reply LS on R99 and later emergency calls when attached to data only network	Atle/Ericsson								LS OUT	Reply to 579. To: SA1, SA2, Cc: SA, GERAN2, RAN2	REVISED TO 932
N1-030817	Reply LS on 'Impacts on the UE of UE-Initiated Tunnelling"	Inma/Nokia								LS OUT	Reply to 581. To: SA2, Cc: T2, SA3,	AGREED
N1-030818	Reply LS on unciphered IMEISV transfer	Robert/Siemens								LS OUT	Reply to 777. To: SA3	AGREED
N1-030819	LS on security solutions for the Mt reference point	Peter/Siemens								LS OUT	Reply to 780. To: SA3, Cc: SA2	REVISED TO 933
N1-030820	Reply LS on increasing the key length for GEA3	Christian/ Ericsson								LS OUT	Reply to 781. To: SA3, Cc: GERAN	AGREED
N1-030821	Reply LS on media codecs and formats for Presence and Messaging	Krisztian/ Nokia								LS OUT	Reply to 783. To: SA4, Cc: SA2	AGREED
N1-030822	Provision of DNS server IPv6 address	Ericsson / A Monrad	24.008	TEI	3.15.0	R99	F	761		CR	Revised from 617.	AGREED
N1-030823	Provision of DNS server IPv6 address	Ericsson / A Monrad	24.008	TEI	4.10.0	Rel-4	A	762		CR	Revised from 618.	AGREED
N1-030824	Indication of the MS support of "Modulation based multislot class"	Siemens AG	24.008	TEI-4	4.10.0	Rel-4	F	765	1	CR	Revised from 623.	AGREED
N1-	Indication of the MS	Siemens	24.008	TEI-4	5.7.0	Rel-	A	766	1	CR	Revised from	AGREED

030825	support of "Modulation based multislot class"	AG				5					624.	
N1-030826	Indication of the MS support of "Modulation based multislot class"	Siemens AG	24.008	TEI-4	6.0.0	Rel-6	A	767	1	CR	Revised from 625.	AGREED
N1-030827	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	3.15.0	R99	F	781	1	CR	Revised from 676.	AGREED
N1-030828	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	4.10.0	Rel-4	A	782	1	CR	Revised from 677.	AGREED
N1-030829	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	5.7.0	Rel-5	A	783	1	CR	Revised from 678.	AGREED
N1-030830	Clarification of the procedure for the change of DRX parameter	Siemens	24.008	TEI	6.0.0	Rel-6	A	784	1	CR	Revised from 679.	AGREED
N1-030831	UE behaviour when sending SMS over GPRS	Ericsson	24.011	TEI-5	5.1.0	Rel-5	F	027	1	CR	Revised from 712	REVISED TO 925
N1-030832	Addition of UESBI-Iu to handover and relocation procedures	Nokia/Inma	23.009	LATE_UE	5.4.0	Rel-5		097	1	CR	Revised from 725. Not presented.	REVISED TO 875
N1-030833	Multiple header compression algorithms handling	Siemens AG	44.065	TEI-6	5.0.0	Rel-6	C	005	1	CR	Revised from 701.	AGREED
N1-030834	Additional support of ROHC in SNDCP	Ericsson LM	44.065	TEI	5.0.0	Rel-6	B	004	3	CR	Revised from 774.	REVISED TO 934
N1-030835	Generic SIP and SDP Procedures for Conferences - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 607	REVISED TO 909
N1-030836	LS on Support of additional LLC SAPIs	Robert/Siemens								LS OUT	Reply to 813. To: SA2, Cc: GERAN	AGREED
N1-030837	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Nortel Networks/ Sonia Garapaty	23.009	GSM-UMTS Interworking	3.13.0	R99	F	094	1	CR	Revised from 681	REVISED TO 906
N1-030838	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Nortel Networks/ Sonia Garapaty	23.009	GSM-UMTS Interworking	4.7.0	Rel-4	A	095	1	CR	Revised from 682	REVISED TO 907
N1-030839	Correct text related to timer expiry for receipt of A-	Nortel Networks/ Sonia	23.009	GSM-UMTS Interwo	5.4.0	Rel-5	A	096	1	CR	Revised from 683	REVISED TO 908

	HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Garapaty		rking								
N1-030840	Use of the QoS parameter 'signalling information' for a signalling PDP context	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	377	1	CR	Revised from 614	AGREED
N1-030841	Cleanup and correction of the PCO-IE	Ericsson / A Monrad	24.008	IMS-CCR	5.7.0	Rel-5	F	763	1	CR	Revised from 619	AGREED
N1-030842	Cleanup and correction of the PCO-IE	Ericsson / A Monrad	24.008	IMS-CCR	6.0.0	Rel-6	A	764	1	CR	Revised from 620	AGREED
N1-030843	Registration abnormal cases	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	412	1	CR	Revised from 717	REVISED TO 928
N1-030844	Registratin Event - Shortend	Nokia / Georg	24.229	IMS-CCR	5.4.0	Rel-5	F	418	1	CR	Revised from 730	AGREED
N1-030845	HSS / S-CSCF text relating to user deregistration	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	419	1	CR	Revised from 739	AGREED
N1-030846	AS's subscription for the registration state event package	Nokia/ Krisztian Kiss	24.229	IMS-CCR	5.4.0	Rel-5	F	439	1	CR	Revised from 787	REVISED TO 929
N1-030847	Expires header alignment with 24.229	Nokia/ Krisztian Kiss	24.228	IMS-CCR	5.4.0	Rel-5	F	111	1	CR	Revised from 798	AGREED
N1-030848	Handling of P-Asserted ID in MGCF	Siemens	24.229	IMS-CCR	5.4.0	Rel-5	F	402	1	CR	Revised from 697	AGREED
N1-030849	Port numbers in the RR header entries	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	411	1	CR	Revised from 716	REVISED TO 941
N1-030850	Addition of procedures at the AS for SDP	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	356	3	CR	Revised from 694	REVISED TO 942
N1-030851	RFC 3524, Single Reservation Flows	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	407	1	CR	Revised from 705	AGREED
N1-030852	SDP procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	434	1	CR	Revised from 770	AGREED
N1-030853	Corrections to 5.4.3.3	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	414	1	CR	Revised from 719	REVISED TO 930
N1-030854	Change of IP address for the UE	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	332	4	CR	Revised from 729	REVISED TO 923
N1-030855	S-CSCF behavior correction to enable call forwarding	Nokia/ Krisztian Kiss	23.218	IMS-CCR	5.4.0	Rel-5	F	051	1	CR	Revised from 788	AGREED
N1-030856	S-CSCF behavior correction to enable	Nokia/ Krisztian	24.229	IMS-CCR	5.4.0	Rel-5		369	2	CR	Revised from 789	REVISED TO 931

	call forwarding	Kiss										
N1-030857	REPLY LS to S2-031592 and S2-032154 on Stage 3 work for Early UE handling	RAN3								LS IN	R3-030776, To: CN1, CN4, SA2, GERAN2, Cc: RAN2,	NOTED
N1-030858	Profile Tables - Transparency	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	371	1	CR	Revised from 592	AGREED
N1-030859	Emergency Call Enhancements for IP& PS Based Calls - stage 3	Ericsson / A Monrad		EMC1-PS		Rel-6				WID	Revised from 613	AGREED
N1-030860	Profile Tables - Major Capability Corrections	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	375	1	CR	Revised from 596	AGREED
N1-030861	Profile Tables – Further Corrections	Nokia	24.229	IMS-CCR-E	5.4.0	Rel-5		438	1	CR	Revised from 603	REVISED TO 935
N1-030862	'Last registered public user identity' terminology change	Orange	24.229	IMS-CCR	5.4.0	Rel-5	F	379	1	CR	Revised from 622	REVISED TO 920
N1-030863	Corrections to use of IK	3	24.229	IMS-CCR	5.4.0	Rel-5	F	388	1	CR	Revised from 643	AGREED
N1-030864	Corrections to use of RES/XRES	3	24.229	IMS-CCR	5.4.0	Rel-5	F	389	1	CR	Revised from 644. Not available.	WITHDRAWN
N1-030865	LS on RAN WG2 terminology and impacts on CN WG1 specifications (PLMN selection)	RAN2								LS IN	R2-031368, To: CN1, Cc: ,	LS OUT in 877 by Kevan/3
N1-030866	Update Dependency List	Nokia / Georg Mayer								DISC	Revised from 612	NOTED
N1-030867	Clarifications on AS provided by the third party service providers	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	401	1	CR	Revised from 696	Not available
N1-030868	Clarification of the S-CSCF's handling of the P-access-network-info header	Duncan Mills / Vodafone	24.229	IMS-CCR	5.4.0	Rel-5	F	410	1	CR	Revised from 708	AGREED
N1-030869	AS procedures	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	413	1	CR	Revised from 718. Not available	WITHDRAWN
N1-030870	Definitions and abbreviations update	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	422	1	CR	Revised from 751	AGREED
N1-030871	UE procedure tidyup	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	425	1	CR	Revised from 754	AGREED
N1-030872	Introduction of RTCP bandwidth	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	417	1	CR	Revised from 722	AGREED
N1-030873	S-CSCF initiated release of calls to	Siemens	24.229	IMS-CCR	5.4.0	Rel-5	F	404	1	CR	Revised from 699	AGREED

	circiut switched network											
N1-030874	Cancellation of dialogs	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	409	1	CR	Revised from 707	REVISED TO 922
N1-030875	Addition of UESBI-Iu to handover and relocation procedures	Nokia/Inma	23.009	LATE_UE	5.4.0	Rel-5	F	097	2	CR	Revised from 725 and 832	AGREED
N1-030876	Correction on Handling of MO request	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	043	4	CR	CR 043r1 was agreed in CN1-29. Revised from 686, 804	REVISED TO 943
N1-030877	Reply LS on RAN WG2 terminology and impacts on CN WG1 specifications (PLMN selection)	Kevan/3								LS OUT	Reply to 865. To: RAN2	AGREED
N1-030878	General Updates to MBMS TR	3		MBMS						CR	Revised from 634	AGREED
N1-030879	MBMS Messages Overview	3		MBMS						CR	Revised from 632	AGREED
N1-030880	IMS Breakout meeting	Vicechair/ Richard								REPORT	Result of parallell session.	NOTED
N1-030881	Check Integrity Protection for P-Access-Network-Info header	3	24.229	IMS-CCR	5.4.0	Rel-5	F	380	1	CR	Revised from N1-030635	AGREED
N1-030882	PCSCF setting of Integrity protection indicator and checking of Security Verify header	3	24.229	IMS-CCR	5.4.0	Rel-5	F	381	1	CR	Revised from N1-030636	AGREED
N1-030883	Re-authentication procedure.	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	394	1	CR	Revised from N1-030651	REVISED TO 917
N1-030884	Consistent treatment of register and de-register	3	24.229	IMS-CCR	5.4.0	Rel-5	F	383	1	CR	Revised from N1-030638	AGREED
N1-030885	Optionality of sending CK is removed	3	24.229	IMS-CCR	5.4.0	Rel-5	F	384	1	CR	Revised from N1-030639	AGREED
N1-030886	Addition of note and Correction of References regarding security associations and registration	3	24.229	IMS-CCR	5.4.0	Rel-5	F	385	1	CR	Revised from N1-030640	AGREED
N1-030887	Subscription/Registration refresh time	3	24.229	IMS-CCR	5.4.0	Rel-5	F	387	1	CR	Revised from N1-030642	AGREED
N1-030888	LS on Security Association Lifetimes	Kevan/3								LS OUT	Linked to 645. To: SA3	REVISED TO 918

N1-030889	Notification about registration state	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	397	1	CR	Revised from N1-030654	REVISED TO 926
N1-030890	Supported Integrity algorithms	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	405	1	CR	Revised from N1-030702	REVISED TO 927
N1-030891	LS on deregistration of a Public User Identity with established dialogs	Sophie/Orange								LS OUT	Linked to 621. To: SA1, SA2,	WITHDRAWN
N1-030892	Deregistration of a PUID (not the last one)	Orange	24.229	IMS-CCR	5.4.0	Rel-5	F	378	1	CR	LS out in 888. Revised from 621.	REVISED TO 919
N1-030893	Clean up of the use of the CK	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	406	1	CR	Revised from 703	WITHDRAWN
N1-030894	Profile Tables - Deletion of Elements not used in 24.229	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	376	1	CR	Revised from 597	REVISED TO 921
N1-030895	Filtering of unknown header fields and header parameters	Nokia / Georg	23.218	IMS-CCR	5.4.0	Rel-5	F	055		CR		REVISED TO 924
N1-030896	LS on transport of unknown SIP signaling elements	Nokia / Georg								LS OUT	Linked to 895. To: SA2, SA3, SA5	AGREED
N1-030897	Flow number corrections in Annex B	Lucent Technologies / Keith Drage	23.218	IMS-CCR	5.4.0	Rel-5	F	053		CR		Not treated
N1-030898	Minor terminology corrections	Lucent Technologies / Keith Drage	23.218	IMS-CCR	5.4.0	Rel-5	F	054		CR		Not treated
N1-030899	Discussion document on PDU parameter documentation in profile table	Lucent Technologies / Keith Drage		IMS-CCR						DISCUSSION		Not treated
N1-030900	CR to 24.841: Addition of security headers to PUBLISH profile	Lucent Technologies / Keith Drage	24.841	PRESNC	0.6.0	Rel-6				CR	Revised from 765	AGREED
N1-030901	CR: Update of 6.1.3 and 6.1.4	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR	Revised from 790	AGREED
N1-030902	CR: Addition of the BINPIDF I-D	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR	Revised from 794	AGREED
N1-030903	CR: Reference update	Nokia/ Krisztian Kiss	24.841	PRESNC	0.6.0	Rel-6				CR	Revised from 795	AGREED
N1-030904	Rel-6 IMS Service Specification	Nokia								DISC	Revised from 609	NOTED
N1-030905	Presence WID	Nokia								WID	Revised from 610	AGREED

N1-030906	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Nortel Networks/ Sonia Garapaty	23.009	GSM-UMTS Interworking	3.13.0	R99	F	094	2	CR	Revised from 681 and 837	AGREED
N1-030907	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Nortel Networks/ Sonia Garapaty	23.009	GSM-UMTS Interworking	4.7.0	Rel-4	A	095	2	CR	Revised from 682 and 838	AGREED
N1-030908	Correct text related to timer expiry for receipt of A-HANDOVER-COMPLETE / Iu-RELOCATION-COMPLETE	Nortel Networks/ Sonia Garapaty	23.009	GSM-UMTS Interworking	5.4.0	Rel-5	A	096	2	CR	Revised from 683 and 839	AGREED
N1-030909	Generic SIP and SDP Procedures for Conferences - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 607 and 835	AGREED
N1-030910	Conference-Factory-URI creation flow update	Siemens, Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 599	AGREED
N1-030911	Conference-Factory-URI - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 600	REVISED TO 936
N1-030912	User calling into a conference - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 601	REVISED TO 937
N1-030913	Ad hoc conference creation - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 606	AGREED
N1-030914	Subscription to Conference Event - Call Flow	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 604	AGREED
N1-030915	TS skeleton and initial contents for 3GPP WLAN IW Authentication	Nokia/Inma								TS	Revised from 728	AGREED
N1-030916	IMS Enhancements WID	Nokia								WID	Revised from 611	AGREED
N1-030917	Re-authentication procedure.	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	394	2	CR	Revised from N1-030651 and 883	AGREED
N1-030918	LS on Security Association Lifetimes	Kevan/3								LS OUT	Linked to 645. To: SA3, Revised from 888.	AGREED
N1-	Deregistration of a	Orange	24.229	IMS-	5.4.0	Rel-	F	378	2	CR	LS out in 888.	AGREED

030919	PUID (not the last one)			CCR		5					Revised from 621 and 892.	
N1-030920	'Last registered public user identity' terminology change	Orange	24.229	IMS-CCR	5.4.0	Rel-5	F	379	2	CR	Revised from 622 and 862	AGREED
N1-030921	Profile Tables - Deletion of Elements not used in 24.229	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	376	2	CR	Revised from 597 and 894	AGREED
N1-030922	Cancellation of dialogs	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	409	2	CR	Revised from 707 and 874	REJECTED
N1-030923	Change of IP address for the UE	Ericsson / A Monrad	24.229	IMS-CCR	5.4.0	Rel-5	F	332	5	CR	Revised from 729 and 854	AGREED
N1-030924	Filtering of unknown header fields and header parameters	Nokia / Georg	23.218	IMS-CCR	5.4.0	Rel-5	F	055	1	CR	Revised from 895	AGREED
N1-030925	UE behaviour when sending SMS over GPRS	Ericsson	24.011	TEI-5	5.1.0	Rel-5	F	027	2	CR	Revised from 712 and 831	AGREED
N1-030926	Notification about registration state	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.4.0	Rel-5	F	397	2	CR	Revised from N1-030654 and 889	AGREED
N1-030927	Supported Integrity algorithms	Ericsson/ M. Garcia	24.229	IMS-CCR	5.4.0	Rel-5	F	405	2	CR	Revised from N1-030702 and 890	AGREED
N1-030928	Registration abnormal cases	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	412	2	CR	Revised from 717 and 843	AGREED
N1-030929	AS's subscription for the registration state event package	Nokia/ Krisztian Kiss	24.229	IMS-CCR	5.4.0	Rel-5	F	439	2	CR	Revised from 787 and 846	REVISED TO 940
N1-030930	Corrections to 5.4.3.3	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	414	2	CR	Revised from 719 and 853. Not available.	WITHDRAWN
N1-030931	S-CSCF behavior correction to enable call forwarding	Nokia/ Krisztian Kiss	24.229	IMS-CCR	5.4.0	Rel-5	F	369	3	CR	Revised from 789 and 856	AGREED
N1-030932	Reply LS on R99 and later emergency calls when attached to data only network	Atle/Ericsson								LS OUT	Reply to 579. To: SA1, SA2, Cc: SA, GERAN2, RAN2, Revised from 816	REVISED TO 944
N1-030933	LS on security solutions for the Mt reference point	Peter/Siemens								LS OUT	Reply to 780. To: SA3, Cc: SA2 Revised from 819	AGREED
N1-030934	Additional support of ROHC in SNDCP	Ericsson LM	44.065	TEI6	5.0.0	Rel-6	B	004	4	CR	Revised from 774 and 834	AGREED
N1-030935	Profile Tables – Further Corrections	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	438	2	CR	Revised from 603 and 861	AGREED
N1-030936	Conference-Factory-URI - Protocol	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 600 and 911	AGREED

	Description											
N1-030937	User calling into a conference - Protocol Description	Nokia	29.847	IMS-CCR-E	0.1.0	Rel-6				CR	Revised from 601 and 912	AGREED
N1-030938	3GPP P-header inclusion in SIP profile	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	322	5	CR	Revised from 750	AGREED
N1-030939	Security agreement inclusion in SIP profile	Lucent Technologies / Keith Drage	24.229	IMS-CCR	5.4.0	Rel-5	F	295	4	CR	Revised from 737	AGREED
N1-030940	AS's subscription for the registration state event package	Nokia/ Krisztian Kiss	24.229	IMS-CCR	5.4.0	Rel-5	F	439	3	CR	Revised from 787, 846 and 929	AGREED
N1-030941	Port numbers in the RR header entries	Nokia	24.229	IMS-CCR	5.4.0	Rel-5	F	411	2	CR	Revised from 716 and 849	AGREED
N1-030942	Addition of procedures at the AS for SDP	NEC/Yukio Kawanami	24.229	IMS - CCR	5.4.0	Rel-5	F	356	4	CR	Revised from 694 and 850	AGREED
N1-030943	Correction on Handling of MO request	NEC/Yukio Kawanami	23.218	IMS - CCR	5.4.0	Rel-5	F	043	5	CR	CR 043r1 was agreed in CN1-29. Revised from 686, 804 and 876	AGREED
N1-030944	Reply LS on R99 and later emergency calls when attached to data only network	Atle/Ericsson								LS OUT	Reply to 579. To: SA1, SA2, Cc: GERAN2, RAN2, Revised from 816 and 932	AGREED
N1-030945	Latest workplan for review, 030425	MCC								WORK PLAN	Revised from 569	AGREED

Annex E Liaison Statements OUT

Type	TDoc #	Status	Source	Tdoc Title	Comments
LS OUT	N1-030815	AGREED	Andrew H./Motorola	LS on Network Sharing Requirements for Rel-6	Reply to 578. To: SA1, Cc: SA2
LS OUT	N1-030817	AGREED	Inma/Nokia	Reply LS on 'Impacts on the UE of UE-Initiated Tunnelling"	Reply to 581. To: SA2, Cc: T2, SA3,
LS OUT	N1-030818	AGREED	Robert/Siemens	Reply LS on unciphered IMEISV transfer	Reply to 777. To: SA3
LS OUT	N1-030820	AGREED	Christian/ Ericsson	Reply LS on increasing the key length for GEA3	Reply to 781. To: SA3, Cc: GERAN
LS OUT	N1-030821	AGREED	Krisztian/ Nokia	Reply LS on media codecs and formats for Presence and Messaging	Reply to 783. To: SA4, Cc: SA2
LS OUT	N1-030836	AGREED	Robert/Siemens	LS on Support of additional LLC SAPIs	Reply to 813. To: SA2, Cc: GERAN
LS OUT	N1-030877	AGREED	Kevan/3	Reply LS on RAN WG2	Reply to 865. To:

				terminology and impacts on CN WG1 specifications (PLMN selection)	RAN2
LS OUT	N1-030896	AGREED	Nokia / Georg	LS on transport of unknown SIP signaling elements	Linked to 895. To: SA2, SA3, SA5
LS OUT	N1-030918	AGREED	Kevan/3	LS on Security Association Lifetimes	Linked to 645. To: SA3, Revised from 888.
LS OUT	N1-030933	AGREED	Peter/Siemens	LS on security solutions for the Mt reference point	Reply to 780. To: SA3, Cc: SA2 Revised from 819
LS OUT	N1-030944	AGREED	Atle/Ericsson	Reply LS on R99 and later emergency calls when attached to data only network	Reply to 579. To: SA1, SA2, Cc: GERAN2, RAN2, Revised from 816 and 932

Annex F Ageed Work Items

Status	TDoc #	Source	Tdoc Title	Type	WI
AGREED	N1-030630	3	MBMS WID	WID	MBMS
AGREED	N1-030859	Ericsson / A Monrad	Emergency Call Enhancements for IP& PS Based Calls - stage 3	WID	EMC1-PS
AGREED	N1-030905	Nokia	Presence WID	WID	PRESNC
AGREED	N1-030916	Nokia	IMS Enhancements WID	WID	IMS-CCR-E

Annex G Agreed specifications (TS or TR)

geda	TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	Type	Comments	Status
1	N1-030762	Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"	Lucent Technologies / Keith Drage	24.841	PRESNC	0.6.0	Rel-6	TR	To be taken to plenary for information in v100	NOTED

Annex H List of CRs to N1 drafts (20)

Status	Spec	TDoc #	Tdoc Title	C_Version	Type	WI	Rel
AGREED	24.841	N1-030764	CR to 24.841: Addition of 3GPP P-headers to PUBLISH profile	0.6.0	CR	PRESNC	Rel-6
AGREED	24.841	N1-030791	CR: Removal of 6.2.3	0.6.0	CR	PRESNC	Rel-6
AGREED	24.841	N1-030793	CR: Addition of the RPIDS I-D	0.6.0	CR	PRESNC	Rel-6
AGREED	24.841	N1-030796	CR: Removal of the Event header field from the response to the SUBSCRIBE request	0.6.0	CR	IMS-CCR	Rel-6
AGREED	24.841	N1-030799	Record-Routing of SIP dialogs in S-CSCF	0.6.0	CR	PRESNC	Rel-6
AGREED	24.841	N1-030900	CR to 24.841: Addition of security headers to PUBLISH profile	0.6.0	CR	PRESNC	Rel-6
AGREED	24.841	N1-030901	CR: Update of 6.1.3 and 6.1.4	0.6.0	CR	PRESNC	Rel-6
AGREED	24.841	N1-030902	CR: Addition of the BINPIDF I-D	0.6.0	CR	PRESNC	Rel-6
AGREED	24.841	N1-030903	CR: Reference update	0.6.0	CR	PRESNC	Rel-6
AGREED	29.846	N1-030633	MBMS Session Management Messages		CR	MBMS	
AGREED	29.846	N1-030878	General Updates to MBMS TR		CR	MBMS	
AGREED	29.846	N1-030879	MBMS Messages Overview		CR	MBMS	
AGREED	29.847	N1-030602	User calling into a conference – Call Flow (I)	0.1.0	CR	IMS-CCR-E	Rel-6
AGREED	29.847	N1-030775	Updated References	0.1.0	CR	IMS-CCR-E	Rel-6
AGREED	29.847	N1-030909	Generic SIP and SDP Procedures for Conferences - Protocol Description	0.1.0	CR	IMS-CCR-E	Rel-6
AGREED	29.847	N1-030910	Conference-Factory-URI creation flow update	0.1.0	CR	IMS-CCR-E	Rel-6
AGREED	29.847	N1-030913	Ad hoc conference creation - Protocol Description	0.1.0	CR	IMS-CCR-E	Rel-6
AGREED	29.847	N1-030914	Subscription to Conference Event - Call Flow	0.1.0	CR	IMS-CCR-E	Rel-6
AGREED	29.847	N1-030936	Conference-Factory-URI - Protocol Description	0.1.0	CR	IMS-CCR-E	Rel-6
AGREED	29.847	N1-030937	User calling into a conference - Protocol Description	0.1.0	CR	IMS-CCR-E	Rel-6