3GPP TSG CN Plenary Meeting #13   NP-010487
Beijing, China, 19th‾21st September 2001

Agenda item: 6.1

Document for: INFORMATION

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Meeting Report

TSG CN WG1# 19
Helsinki, Finland

27 - 31 August 2001

Chairman: Hannu Hietalahti (Nokia)

Secretary: Per Johan Jorgensen (MCC)

Host: Nokia

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Documents can be found on the 3GPP-server:

http://www.3gpp.org/ftp/tsg_cn/WG1_mm-cc-sm/TSGN1_19/Docs/

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1   Opening of the meeting. Calls for IPRs

The host welcomed the delegates and informed on the logistics and the social event. It was also however expressed that voting should be avided if possible.

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

N1-011057 : CN1 chairman, Title: Agenda

Discussion : This will continue as a living document in the doc Helsinki0108.rtf.

Joint meeting with CN4 and possibel voting (CN1 meeting points 6.2 and 6.3) will take place Wednesday morning 29/8.. If it comes to voting it will start half an hour before the planned lunchbreak.

Some change of allocation

Conclusion : Agreed

N1-011058 : MCC, Title: SA_12_Draft_Report_V004

Discussion : Monday evening 27/8 the version 005 with annexes included became available on the 3GPP server.

Conclusion : Revised to 1271

N1-011271 : MCC, Title: SA_12_Draft_Report_V005

Discussion :

Conclusion : Noted

3   Input Liaison Statements

N1-011034 : S3-010398, To: N1, S2, Type: LS IN , Title: Network Configuration Independence Mechanism

Discussion : Forwarded from CN1#18. No N1 action required. Tdoc 1248 to be distributed so that the CR with revision marks from S3 can be distributed for information.

Conclusion: Noted. 1248 to be distributed for information.

N1-011035 : S3-010404, To: N1, Type: LS IN , Title: Liaison Statement on "Progressing the work in SA3 and CN1 on the IP Multimedia core network subsystem"

Discussion : Forwarded from CN1#18. John O'Hare presented N1s view in S3 meeting in Newbury. Some open issues and observations made by S3 are listed here. In item 4 the multipel public identities are needed to be discussed further in N1. Also item 8 on authentication on register and re-register, while 10 was highlighted as well. Hiding of user plane IP address in item 12 seems to be another issue to need decision in N1 as well as in S2. On item 12 the discussion was

around Anonymizer and public identities as well as user profiles, where the discussion is now ongoing in S1 and/or S2. The topic is also related to one public identity only being registered in one S-CSCF only.

Conclusion: LS OUT in 1249 by Keith

N1-011037 : S3-010382, To: S2, N1, N4 , Type: LS IN , Title: Flows related to Authenticated Registrations and Re-Registrations

Discussion : Forwarded from CN1#18. S3 asks for confirmation on assumptions regarding authentication at registration and re-registration with related signalling flow from 33.203. After message flow 10 the authentication parameters are introduced where CK is optional. The procedure was not objected but a warning on acceptance in IETF (or IANA) was raised, due to deviations on INVITE (not carrying private IDs) with authentication.

Conclusion: LS OUT in 1250 by Keith

N1-011039 : S3-010387, To: S2, N1, N4 , Type: LS IN , Title: Stage 2 information flows for authenticated registration and re-registration in the IMS

Discussion : Forwarded from CN1#18. Comments on authentication, re-registration and de-registration. Some possible points for optimisation have also been identified.

Conclusion: LS OUT in 1250 by Keith

N1-011040 : S3-010402, To: SA2, CN4, Cc: SA1, CN1, Type: LS IN , Title: Requirements related to private and public identities in IMS

Discussion : Forwarded from CN1#18. Registration of several public identities and validation of public user identity at registration.

Conclusion: Noted

N1-011041 : S3-010403, To: SA2, CN4, CN1, Type: LS IN , Title: On the use of Network Domain Security for protection of SIP signalling messages

Discussion : Forwarded from CN1#18. 1098 and 1251 are linked.

Conclusion: LS OUT in 1251 by Apostolis

N1-011059: From GERAN#5, NP-010244, The CN Working groups are tasked by CN to respect these terms and check that the Rel-5 specification are correctly aligned. Corrective CRs to be produced by the WGs as required. , Type: LS IN , Title: LS on terminology clarifications

Discussion : N1 has been invited to the vocabulary list created, and comments can be done there directly instead of sending a LS from this meeting. Eg 2G and 3G does not seem appropriate. And the new definitions do not refer to the type of CN serving the MS/UE, but the serving RAN. N1 will change TSs under its responsibility when the terminology is agreed on.

Hannu to distribute this CN1 discussion to the terminology mailing list.

Conclusion: Noted

N1-011060 : BRAN24d114, To: SA CC: N1, N2, Type: LS IN , Title: Wireless access to Internet

Discussion : For information.

Conclusion: Noted

N1-011061 : R2-011336, To: R1, R4, Cc: N1 Type: LS IN , Title: LS on Guidance needed concerning cell search and multiple PLMN identities on one carrier

Discussion : 1084 and 1086 is related to this issue. CN1 specific question: " When searching for PLMNs on a particular carrier should the search look for more than one PLMN? Are there any requirements for this issue?" Look for the outcome of the earler joint S1/N1 meeting in May on the same issue. (because RAN4 already answered the question and we agree their answer). N1-011086 from RAN4 already answers no.

Conclusion: Noted

N1-011062 : T1-010222,   To: N1,   Type: LS IN ,   Title: LS on aborting of RRC connection during CN procedures

Discussion : T1 needs a description on UE behavior when aborting the RRC connection. This description is missing and is different between GSM and UMTS.

Conclusion: LS OUT in 1252 by Peng

N1-011063 : T1#11(01)0224,   To: N1,   Type: LS IN ,   Title: LS on clarification of UE behaviour when network fails authentication procedure

Discussion : T1 would like N1 to clarify the intended UE behaviour for the case when the network fails the authentication procedure, especially to clarify the meaning of "until refresh of system information data". GSM and UMTS behavior is different regarding timing and cell barring. The radio groups need to be involved. If the requirements are unclear the response should reflect this, not make a new interpretation.

Conclusion: LS OUT in 1253 by Duncan to R2 and GERAN group

N1-011064 : GP-011317,   To: N1,   Type: LS IN ,   Title: Clarification of 8-PSK power class coding

Discussion : Was these sent to plenary? No. Allocated tdoc#s for the 2 attached CRs are 1254 and 1255, for possible endorcement by N1. They need to be reissued from v370 and 420 in 24.008 to v380 and v430, and additionally the v500 mirror is needed !

Conclusion: CRs to be issued in 1254 and 1255 and 1272.

N1-011065 : G2-010203,   To: RAN3, N1, SA4, Cc: GERAN, Type: LS IN ,   Title: LS: GERAN architecture and impacts on the Iu-cs interface

Discussion : Can the proposed principles be endorced. NAS synchronization indicator IE is used and no alternatives was seen.

Conclusion: LS OUT in 1256 by Robert

N1-011066 : GP-011426,   To: N1,   Type: LS IN ,   Title: LS on Modification of CM3 and MS RAC: definition of new DTM multislot classes

Discussion : Was the CR in June plenary ? Allocated tdoc#s for the 2 'attached CRs' are 1257 for the cat F on R99, while 1258 is for cat C on Rel-4, for possible endorcement by N1. They need to be reissued from v370 and 411 in 24.008 to v380 and v430, and additionally the v500 mirror is needed !

Conclusion: CRs to be issued in 1257 and 1258 and 1273.

N1-011067 : GP-011436,   To: N1,   Type: LS IN ,   Title: Response to LS on "Duplication avoidance protocol moved from 04.18 to 24.007"

Discussion : Linked with 1203 and 1204. CRs to 24.007 attached for endorsement, and will be issued as 1259 and 1260. GERAN acknowledge they have removed section 3.1.4.3 from TS 04.18. Additionally to this they point out that an editorial CR is missing from the text which was moved to CN1 specification. They ask for CN1 to endorse the attached CRs if we feel this is still necessary.

Conclusion: 1259 and 1260 to be issued for the CRs

N1-011068 : GP-011447,   To: N1,   Type: LS IN ,   Title: LS on introduction of a new release marker in the Classmark 3 and MS Radio Access Capability IEs

Discussion : Linked to 1210. CR for endorsement on 24.008 will be issued as 1261, but the CR#354r1 is to be replaced with 469, and the version must be changed from 4.2.0 to 4.3.0, and additionally a CR is needed for v5.0.0 in tdoc 1274. The proposal from GERAN to add release marker to indicate the support of mandatory Rel-4 parts was already seen but not endorsed by CN1. GERAN ask us to reconsider.

Conclusion: 1261 and1274 to be issued for the CRs

N1-011069 : GP-011452,   To: N1, SA3, Type: LS IN ,   Title: Authentication between "GERAN" MS and 3G CN

Discussion : 1090 is the reply confirmation from S3. GERAN assume that the authentication mechanisms specified between a "UTRAN" UE and the 3G CN are expected to be fully applicable between a "GERAN" MS operating in Iu-

mode and the same 3G CN and should therefore be reused. On Gb the indication is given on the use of LLC in the protocol stack selected. Similar for other interfaces using the protocol stack selected instead of a downlink indication. This needs to be studied further to have an agreed criteria for the Mobile.

Conclusion: Noted.

N1-011070 : N4-010702,   To: N1, CN, Cc:SA4, GERAN,   Type: LS IN ,   Title: Liaison Statement reply to CN1 on Introduction of AMR-WB

Discussion : 1079 is linked. For information, reply to N1-010493.

Conclusion: Noted.

N1-011071 : R2-011764,   To: N1,   Type: LS IN ,   Title: Response to LS (N1-010813) on RRC establish cause mapping

Discussion : Reply to our earlier LS N1-010813. Mapping of CN connection to RRC RAB is unclear. Rethinking the use of establish cause ? Annex L was added earlier this year after request from R2 for a mapping table. N1 LS to R2 at that time mentioned that established PDP contexts should be considered. Can NAS really map what RRC establish cause could be and what they should be used for ? Should now the incorrect Annex L become informative, since it even has FFS inside it ? A normative annex L would be more predictable for MS behavior was another view.

Conclusion: LS OUT in 1262 by Chen

N1-011072 : R3-011613,   To: N1, Cc: R2,   Type: LS IN ,   Title: Paging during overload situations

Discussion : RAN3 asks for a comment on paging overload handling from RAN2 who have replied to earlier CN1 LS.

Conclusion: Noted.

N1-011073 : R3-011847,   To: N1, Cc: R2,   Type: LS IN ,   Title: Answer LS on Priority Selection Criteria of Calls in a Multicall

Discussion : Will this issue be needed also when CN4 participates in agenda item 6.2 for the joint session.? Yes.

Conclusion: Forwarded to agenda item 6.2 joint with CN4.

N1-011074 : R3-012095,   To: N1, Cc: SA2,   Type: LS IN ,   Title: Liaison Statement on "Answer to LS UTRAN Initiated Rab Renegotiation/Reconfiguration"

Discussion : Reply to N1-011689.

Conclusion: Noted

N1-011075 : S2-011455,   To: N1, T2, SA1,   Type: LS IN ,   Title: LS "SA2 response to CN1 response to SA2 liaison on regarding conformance test requirements for application layer test"

Discussion : Global Text Telephony stage 2 for review. Any comments to be sent directly to S2 from delegations after study, since none were raised now.

Conclusion: Noted

N1-011076 : OSV-01046   To: SA2, N1, SA4, Cc:GERAN,   Type: LS IN ,   Title: Liaison Statement SIP Signalling and Codec Issues

Discussion : In SDP the m line, the codec (sets) are specified. The a lines specify the details in 6 parameters for codecs. No restrictions were identified in the first question. The IETF AMR draft (and the SDP draft?) needs to be referenced in 24.229, and examples to be given in 24.228. And the AMR draft needs to be added to IMS feature WI 1273 as dependency,- the draft-ietf-avt-rtp-amr-03.txt . The negotiation will go into the spec. On the third issue the RTP needs to be handled by S4.

Conclusion: LS OUT in 1263 by Andrew

N1-011077 : S3-010230   To: N1, Type: LS IN ,   Title: Reply LS on the handling of retransmitted authentication requests

Discussion : S3 informs that a CR implementing the changes we proposed in our LS N1-010480 has been approved. Should ME be used instead of MS in the CR N1-010477 and a corelated CR to be handled in this meeting ?

Conclusion: Noted

N1-011078 : S3-010273   To: N1, R2,   Type: LS IN ,   Title: Reply LS on THRESHOLD Check at RRC connection establishment

Discussion : S3 informs that the CR to 33.102 proposing that the THRESHOLD check is performed at RRC connection release has been agreed.

Conclusion: Noted

N1-011079 : S4-010378   To: N1, N4, GERAN,   Type: LS IN ,   Title: Reply on Introduction of AMR-WB

Discussion : 1070 is linked. Supported codec list is decided to be used in Puerto Rico, and for this meeting the signalling CRs are provided. An N4 spec. 26.103 will define the coding. Remaining issue on GSM for Rel-5.

Conclusion: Noted

N1-011080 : N4-010788   To:TSG_SA WG4, Cc:N1, CN,   Type: LS IN ,   Title: Liaison Statement reply to SA4 on Introduction of Codec Type UMTS_AMR_2

Discussion : Linked CR in 1219 and the discussion in 1241. 24.008 CR is needed to introduce UMTS_AMR2.

Conclusion: Noted

N1-011081 : N4-010919   To:GERAN2, SA2, Cc:GERAN, RAN2, RAN3, N1,   Type: LS IN ,   Title: Liaison Statement response on "Inter-BSC/RAN Network Assisted Cell Change"

Discussion : People should read this and come back on it if needed.

Conclusion: Noted

N1-011082 : N4-010969   To: SA3, Cc: N1, SA2,   Type: LS IN ,   Title: LS to SA3 on Signalling for user authentication

Discussion :

Conclusion: Noted

N1-011083 : N4-010984   To: SA2, Cc: N1,   Type: LS IN ,   Title: Presence of IMSI TLLI or P-TMSI in SGSN context request message

Discussion :

Conclusion: Noted

N1-011084 : R1-010671   To: RAN2, Cc:RAN4, N1, SA 1,   Type: LS IN ,   Title: Answer LS to R2 on Guidance needed concerning cell search and multiple PLMN identities on one carrier

Discussion : Linked with 1061 and 1086. What happens in the Idle mode?

Conclusion: Noted

N1-011085 : R3-011827   To: SA2, Cc:R2, N1, SA1,   Type: LS IN ,   Title: LS to S2 on Stop Direct Report

Discussion :

Conclusion: Noted

N1-011086 : R4-010746   To: R2, Cc:R1, N1, SA1,   Type: LS IN ,   Title: Response to LS on Guidance needed concerning cell search and multiple PLMN identities on one carrier

Discussion : Linked with 1061 and 1084. Is the MS required to search for more than one PLMN per carrier in the PLMN search prior to cell selection?

Conclusion: Noted

N1-011087 : S1-010869   To:SA, T, CN, RAN, GERAN, All Working Groups,   Cc:UMTS Forum, GSM Association SerG,   Type: LS IN ,   Title: IP Based Multimedia Services Framework Report

Discussion : Left for homework,- nobody to present the TR22.941.

Conclusion: Noted

N1-011088 : S1-010872   To: S2, S3, Cc:N1, C4, T2, R2, GERAN 2,   Type: LS IN ,   Title: Reply to SA2 LS on Cell ID in SIP messages

Discussion : S1 does not have privacy problem with the network keeping the cell-id away from the terminating party. Will this be a SIP extension ? S1 have agreed that SIP signalling should carry the cell id indication. N1 to define how to achieve this. Not believed to be linked to the IETF paper. Further discussion will take place on a contribution from Vodafone to this meeting. IANA registrations needed for SIP extensions.

Conclusion: Noted

N1-011089 : S3-010232   To:T3, S1, GSMA-SG, Cc:T2, N1,   Type: LS IN ,   Title: Reply to LS on rejection of 2G authentication and key agreement by 3G ME with USIM in UTRAN

Discussion : Related to 796 to N1#17. S3 can confirm that the security architecture was designed under the understanding that if a USIM were used in a 3G terminal to access UTRAN, then 3G authentication would be applied. CN1 reply is needed to clarify that contrary to what T3 say in their LS N1-010796 about mobile entering limited service state, the attempted 2G authentication in the case when 3G authentication should be used leads to cell barring.Our intention to bar the cell needs to be conveyed from N1 to S3 and T3. When USIM is out in the market, the operator also need to to provide the UMTS AKA.

Conclusion: LS OUT in 1264 by Chen

N1-011090 : S3-010374   To: GERAN, Cc: N1, Type: LS IN ,   Title: Reply LS to GERAN GP 011452 on authentication between "GERAN" MS and 3G CN

Discussion : Linked LS in N1-011069. The LS informs that the authentication mechanisms specified between a "UTRAN" UE and the 3G CN are expected to be fully applicable between a "GERAN" MS operating in Iu-mode and the same 3G CN and should therefore be reused.

Conclusion: Noted.

N1-011091 : S4-010436   To: N4, Cc: SA2, N1, CN, GERAN,   Type: LS IN ,   Title: Liaison Reply (Reference: N4-010702 = S4-010337) "AMR-WB on TDM networks via TFO" (Tandem Free Operation)

Discussion : No comments made, but S4 kindly requests N1 to take the AMR-WB TFO work and the mentioned open items into account for the preparation of the new wide-band speech service work item and to keep us informed about the progress.

Conclusion: Noted

N1-011092 : S5-010412   To: SA2, Cc:SA3, SA5, CN1, CN3, CN4, RAN3, Type: LS IN ,   Title: LS in reply to SA2 Liaison "WI on the End-to-End QoS Architecture for Release 5" (S2-011098)

Discussion : SA5 say they have noticed the new WI on the End-to-End QoS Architecture for Release 5 and started the work. No action for CN1.

Conclusion: Noted

N1-011093 : S5-010413   To: SA1, Cc:SA, SA2, SA3, T2, T3, CN1, CN3, CN4, CN 5, Type: LS IN ,   Title: Reply to LS on basic and advanced services examples (S1-010271/ S5-010302)

Discussion :

Conclusion: Noted

N1-011094 : T2-010426   To:SA1, SA3, T3, Cc:SA, SA2, SA4, T, CN1,   Type: LS IN ,   Title: LS Concerning Reviews of UE Functionality Split

Discussion :

Conclusion: Noted

N1-011095 : G2-010196   To:SA2, RAN2, RAN3, CN1, CN4, Cc:GERAN,   Type: LS IN ,   Title: LS on inter-BSC/RAN Network Assisted Cell Change

Discussion : NACC, network assisted cell change related discussion mainly between the GERAN and RAN groups.

Conclusion: Noted

N1-011096 : G2-010200   To:N1, Cc:GERAN,   Type: LS IN ,   Title: LCS for GPRS

Discussion : Linked to CRs in 1208 and 1209. GERAN2 ask for our opinion on their solution which is documented in the attached GERAN LCS stage 2.

Conclusion: LS OUT in 1267 by Eiko

N1-011270 : S4-010386R   via S2 , To: GERAN, N1, R2 and R3,   Type: LS IN ,   Title: Response LS on Voice Bearer Interworking

Discussion : Provided as information on request from S2.

Conclusion: Noted

N1-011290 : GP-011833,   To: N1,   Type: LS IN ,   Title: LS to CN1 on WB-AMR Signalling

Discussion :

Conclusion: Forwarded to CN1#20 with the same tdoc#

N1-011318 : R2-012138,   To: N1,   Type: LS IN ,   Title: Liaison Statement on Signalling Radio Bearer for low priority NAS messages

Discussion :

Conclusion: LS OUT in 1323 by Peng

4   Work Plan for TSGN WG1

2 SIP meetings were proposed for N1. Possible host could be ETSI/Sophia Antipolis, but checking is needed by Per before any confirmation can be done. Other candidate hosts are also invited for the two new meetings now agreed to be needed 2-4/10 and 13-15/11 2001. They are proposed as normal N1 named as CN#19bis and CN1#20bis. The 2 meetings will be Release 5 IMS only issues. MCC support has to be discussed. CN1#19bis will be hosted by ETSI in Sophia Antipolis.

N1-011135 : MCC, Title: N1 specification responsibility after TSG#12

Discussion : 03.34 needs a new rapporteur, since Janne Muhonen/Nokia is not available for the work any more. Nokia will try to come up with a new candidate.

Conclusion : Action on Nokia to find a rapporteur for 03.34.

N1-011238 : MCC, Title: Latest workplan

Discussion : All Release 5 work needs to be reviewed to have N1s opinion on the schedule, content and dependencies for inclusion in Rel-5, to be provided for CN#13. It was proposed that an adhoc or group of rapporteurs work on this in parallell during this week (CN1#19) to come up with proposals which can be discussed in the N1#19 meeting on Friday. No formalities were made on this.

Following modifications to the workplan were agreed at this meeting:

ID 2233 on IMS, and its subparts, were changed to March plenary for completion 8/3-02. ID 1998 is now around 65%. Per to receive the dependency IETF draft new timeschedules from Ileana Leuca. Update the dependency draft list from tdoc 1336 (5 new ones). 3GPP wants the dates when the drafts are provided to IESG, but after that it can still be modifications to the drafts. The workplan is still to use that date however. Delayed drafts seems to be indicated for 100rel, privacy, and …? Subscribe notify draft has changed name to events. Version numbering on the drafts are not needed in the workplan.

ID 1673 was completed 15/6-01.

ID 1281 on multimedia capabilities is to be reviewed at CN#13 and is related with LS OUT N1-011051. Both this and the IDs 1282 and 1805 are not covered by any workitem,- and should be deleted unless requirements are received during CN#13.

ID 1296 on interworking with other multimedia protocols has been progressed in N1 and this is marked with 5%.

SIP compression is not in the workplan, and where to link this was discussed.

ID 1653 on SIP emergency was not indicated as progressed in N1,- waiting for information from S2. N1s worktasks under this Building Block got the new deadline 8 March 2002.

ID 1656 on AMR completed to about half now (50%), and is expected to be ready by plenary in December 2001.

ID 526 on LCS needs more work on 24.008, estimated to have reached 80% now,- aiming for December 2001 plenary completion.

ID 2254 on UE triggered authentication during connections is considered not to be done under ID 2099,- but instead it is recommended from N1 to delete this totally.

ID 2248 on Iu flex,- N1 is waiting on S2. Is ID2247 needed since it is CN level ?

ID 2556 on end to end QoS,- a question for N3 is if N1 related work task(s) are to be included (and also for other group(s)?

ID 2510 under Display of Service Provider name on UE allocates CN as having the leading role. When the work has progressed sufficiently in S2 and a WG is needed it is proposed not to be N1.

ID 2503 on Support of Presence Capability is allocated to the CN group. This should be allocated the WGs when the work has progressed sufficiently in S2.

The modifications above are on-line edited in tdoc 1337 as an update to the excel sheet workplan.

Conclusion : Noted

N1-011331 : WID   Lucent, Title: SIP call control protocol for the IM CN subsystem

Discussion : Update on the last agreed WID from CN plenary in Palm Springs. 24.229 and 23.218 presented for information to CN#14, and no way to get them under version control without direct sending to CN#15. Is that OK ? Two new drafts to be added (avt and sdp).

Conclusion : Revised to 1336

N1-011336 : WID   Lucent, Title: SIP call control protocol for the IM CN subsystem

Discussion :

Conclusion : Agreed

N1-011337 : CN1 chairman, Title: Workplan update

Discussion :

Conclusion : Agreed

5 Maintenance of R98 and older releases

5.1 Corrections

N1-011136 : 04.08v6f0   CR#A1109, Siemens, Title: Clarification on the initial cell update procedure

Discussion : This CR clarifies that the initial cell update has to be done when the new READY timer value is different to the old READY timer value, i.e. the initial cell update shall be done in case the READY timer value changes.

Resetting to default value could also be looked upon as negotiation. To be left for newer release only due to the old text beeing debateable, was not a preferred way,- either in all or no release. More time was requested on this CR.

The analysis was agreed in the meeting, but no change was wanted on frozen releases for this. For Rel-5 it was different viewpoints.

Conclusion : Rejected

N1-011137 : 04.08v7d0   CR#A1111, Siemens, Title: Clarification on the initial cell update procedure

Discussion :

Conclusion : Rejected

N1-011138 : 24.008v380   CR#433, Siemens, Title: Clarification on the initial cell update procedure

Discussion :

Conclusion : Rejected

N1-011139 : 24.008v430   CR#434, Siemens, Title: Clarification on the initial cell update procedure

Discussion :

Conclusion : Rejected

N1-011140 : 24.008v500   CR#435, Siemens, Title: Clarification on the initial cell update procedure

Discussion : Resetting to default value could be interpreted as an implicit negotiation. If this CR is include donly in Rel-5 would that affect the designers understanding ?

Conclusion : Rejected

N1-011141 : 04.08v6f0   CR#A1113, Siemens, Type: CR ,   Title: Interruption of timer T3302

Discussion : This CR proposes that if the GMM is in substate DEREGISTERED.AttemptToAttach or RAU-INIT.AttemptToUpdate a new attach or routing area update attempt may be performed if a GPRS attach or PDP context activation is requested by the applications.

Is it a frequently occuring error or essential correction? The feature is indicated with 'may', and hence optional to be more acceptable. In R99 (24.008) and higher the 3302 timer may be changed independantly of 3212. An automatic request could make the attach attempts indefinitely, which can happen from CM layer specified elsewhere. It was not agreed as essential correction.

Conclusion : Rejected

N1-011142 : 04.08v7d0   CR#A1115, Siemens, Type: CR ,   Title: Interruption of timer T3302

Discussion :

Conclusion : Rejected

N1-011143 : 24.008v380   CR#436, Siemens, Type: CR ,   Title: Interruption of timer T3302

Discussion : Withdrawn before the meeting started.

Conclusion : WITHDRAWN

N1-011144 : 24.008v430   CR#437,   Siemens,   Type: CR ,   Title: Interruption of timer T3302

Discussion : Withdrawn before the meeting started.

Conclusion : WITHDRAWN

N1-011145 : 24.008v500   CR#438,   Siemens,   Type: CR ,   Title: Interruption of timer T3302

Discussion : Withdrawn before the meeting started.

Conclusion : WITHDRAWN

N1-011168 : 09.18v730   CR#A045, Siemens, Type: CR , Title: TMSI status indication

Discussion : CR 09.18-A041 was implemented incorrectly, and as a consequence the IEI of the TMSI Status IE in R98 is different from the IEI in R97, R99 and Rel-4. (The R97 and R99 versions of CR 09.18-A41 were implemented correctly.)

An update due to interchanged codepoints is needed, and no mirrors are needed since they had correct implementations.

Conclusion : Revised to 1268

N1-011268 : 09.18v730   CR#A045r1, Siemens, Type: CR , Title: TMSI status indication

Discussion : Revision level increased.

Conclusion : Agreed

N1-011196 : 04.64v680   CR#A149, Siemens, Type: CR , Title: Conditions for IOV reset

Discussion : The conditions in which cases the IOV value is set to default shall be clarified. The ABM state shall remain stable if the IOV-I value is set to default.

2nd paragraph 'all LLC instances' needs update. It was not to be a clarification CR since it changes the meaning, degrading the security. Loss of HLR connection is not considered 'frequent', rather that the system then does not work.

Conclusion : Rejected

N1-011197 : 04.64v740   CR#A150, Siemens, Type: CR , Title: Conditions for IOV reset

Discussion :

Conclusion : Rejected

N1-011198 : 04.64v860   CR#A151, Siemens, Type: CR , Title: Conditions for IOV reset

Discussion :

Conclusion : Rejected

N1-011218 : 44.064v410   CR#003, Siemens, Type: CR , Title: Conditions for IOV reset

Discussion :

Conclusion : Rejected

N1-011233 : 04.64v680   CR#A152,   Motorola, Type: CR , Title: Editorial corrections to 04.64

Discussion : No mirror CRs since only this R97 has references to figures incorrect. Revised to 1281 to get the title reflecting the issue.

Conclusion : Rejected

N1-011281 : 04.64v680   CR#A153,   Motorola, Type: CR , Title: Correction of cross-reference errors

Discussion :

Conclusion : Agreed

6 Maintenance of Release 99

6.1 R99 corrections

N1-011111 : 23.009v370   CR#040,   Lucent,   Type: CR ,   Title: GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case

Discussion : Old deleted part should be included for future CRs with revision marks on the added part, for the SDL diagrams. To be endorced by N4 and expecting confirmation from N4 by Friday this week.

Conclusion : Agreed and to be reviewed by N4 this week

N1-011112 : 23.009v410   CR#041,   Lucent,   Type: CR ,   Title: GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case

Discussion : Old deleted part should be included for future CRs with revision marks on the added part, for the SDL diagrams. To be endorced by N4 and expecting confirmation from N4 by Friday this week.

Conclusion : Agreed and to be reviewed by N4 this week

N1-011127 : 23.122v370   CR#035,   Ericsson,   Type: CR ,   Title: Clarification of ambiguity in the description of PLMN Background Search

Discussion : Point g) is modified in order to have it clear in 23.122 without eg. reading 24.008, but without changing functionality. It was not found as meriting the change on a frozen release. However the meeting recognized the correctness of this contribution.

Conclusion : Rejected

N1-011128 : 23.122v410   CR#036,   Ericsson,   Type: CR ,   Title: Clarification of ambiguity in the description of PLMN Background Search

Discussion : Point g) is modified in order to have it clear in 23.122 without eg. reading 24.008, but without changing functionality. It was not found as meriting the change on a frozen release. However the meeting recognized the correctness of this contribution.

Conclusion : Rejected

N1-011129 : 24.008v380   CR#397r3, Ericsson, Type: CR , Title: Clarification to REQUEST PDP CONTEXT ACTIVATION

Discussion : The principal of this CR in a revision 2 directly to the plenary was agreed in CN#12, but referring thi CR back to N1 to be seen for eventual technical problem. This CR brings the stage 3 in line with stage 2, rejecting the Network initiated request for PDP context when no address information is present. It was raised that the cause value could take another maybe new cause value (or the wording ' a suitable cause value'). Proposal to treat it without paragraph e), or making it optional. Companies wanted this not to be defined for allowing future dynamic PDP addressing, and therefore should send a LS to S2. If dynamic address is specified by S2 as possible in a later release, why not include the PDP address in the Network Initiated PDP Context Request at that time ?

Conclusion : Rejected

N1-011130 : 24.008v430   CR#398r3, Ericsson, Type: CR , Title: Clarification to REQUEST PDP CONTEXT ACTIVATION

Discussion : Release 4 is also frozen.

Conclusion : Rejected

N1-011131 : 24.008v500   CR#429, Ericsson, Type: CR , Title: Clarification to REQUEST PDP CONTEXT ACTIVATION

Discussion :

Conclusion : Rejected

N1-011132 : 24.008v380   CR#430,   Ericsson,   Type: CR ,   Title: Clarification of required action on RAND and Timers T3218, T3316

Discussion : T3218 and T3316 were introduced in Tdoc N1-010477 (24.008cr376r1) as guard timers when RAND and RES is stored at completion of an authentication challenge. However the full extent of starting and stopping T3218 and T3316 and the deletion of stored RAND has not been fully covered. In case CM_SERVICE_ACCEPT or SERVICE_ACCEPT is received, the RAND and RES should have to be deleted too, along with stopping of T3218 and T3316.

Why is the (CM) SERVICE ACCEPT included for stopping timers ? If ciphering is not supported by the network the (CM) SERVICE ACCEPT need to be sent. This was agreed upon as a problem by all but some delegates felt that the guard timers would clear the problem. Storing RAND and RES longer than needed is a security issue.

Conclusion : Rejected

N1-011133 : 24.008v430   CR#431,   Ericsson,   Type: CR ,   Title: Clarification of required action on RAND and Timers T3218, T3316

Discussion :

Conclusion : Rejected

N1-011134 : 24.008v500   CR#432,   Ericsson,   Type: CR ,   Title: Clarification of required action on RAND and Timers T3218, T3316

Discussion : The clarifications were seen usefull for Rel-5.

Conclusion : Revised to 1297

N1-011297 : 24.008v500   CR#432r1,   Ericsson,   Type: CR ,   Title: Clarification of required action on RAND and Timers T3218, T3316

Discussion : The title was wanted to reflect more that this is more an improvement. This is now a Rel-5 CR since the earlier release got the corresponding CRs rejected, and therefore the WI 'security' was questioned for this reason and changed to TEI5. Rev1 changes are the light blue revision marks. RES existence when AUTHENTICATION FAILURE was sent was discussed, since the timer table says that bothe RAND and RES are to be deleted. What happens when the AUTH FAIL gets lost in the air ? The revision is expected for the next meeting.

Conclusion : Rejected

N1-011146 : 24.008v380   CR#439, Hutchison 3g, Type: CR, Title: Fallback to voice for multimedia call

Discussion : Withdrawn before the meeting started.

Conclusion : WITHDRAWN

N1-011149 : 24.008v380   CR#442, NTT Software, Type: CR, Title: Old RAI handling

Discussion : Old RAI should be regarded as invalid in 4.7.1.5.2 when the MS receives the GMM message containing a new P-TMSI.

A common understanding is that P-TMSI and P-TMSI signature is allocated together, and none are to be reused. It is possible that P-TMSI can be allocated stand alone. Proposal to leave the P-TMSI signature in the paragraph and just add the 'old RAI'.

Conclusion : Revised to 1298

N1-011298 : 24.008v380   CR#442r1, NTT Software, Type: CR, Title: Old RAI handling

Discussion :

Conclusion : Agreed

N1-011150 : 24.008v430 CR#443, NTT Software, Type: CR, Title: Old RAI handling

Discussion :

Conclusion : Revised to 1299

N1-011299 : 24.008v430 CR#443r1, NTT Software, Type: CR, Title: Old RAI handling

Discussion :

Conclusion : Agreed

N1-011151 : 24.008v500 CR#444, NTT Software, Type: CR, Title: Old RAI handling

Discussion :

Conclusion : Revised to 1300

N1-011300 : 24.008v500 CR#444r1, NTT Software, Type: CR, Title: Old RAI handling

Discussion :

Conclusion : Agreed

N1-011169 : 29.018v360 CR#013, Siemens, Type: CR, Title: Clarify that no acknowledgement is made for TMSI deallocation

Discussion : Reinstating an agreed mirror CR 004 to a R97 CR from a time back. The R99 CR is listed in the annex of change history, but has not been implemented.

Conclusion : Agreed

N1-011170 : 29.018v400 CR#014, Siemens, Type: CR, Title: Clarify that no acknowledgement is made for TMSI deallocation

Discussion : Mirror CR to the R99 not implemented at the time Rel-4 did not exist.

Conclusion : Agreed

N1-011171 : 29.018v360 CR#015, Siemens, Type: CR, Title: Explicit IMSI detach, abnormal case SGSN side

Discussion : Reinstating an agreed mirror CR 006 to a R97 CR from a time back. The R99 CR is listed in the annex of change history, but has not been implemented.

Conclusion : Agreed

N1-011172 : 29.018v400 CR#016, Siemens, Type: CR, Title: Explicit IMSI detach, abnormal case SGSN side

Discussion : Mirror CR to the R99 not implemented at the time Rel-4 did not exist.

Conclusion : Agreed

N1-011173 : 29.018v360 CR#017, Siemens, Type: CR, Title: Correction of the length of the Service Area Identifcation

Discussion : The length is now inconsistent in different specifications, also pointing to the RANAP (with ASN1coding) specification. Thus making this a needed correction.to avoid misinterpretations.

Conclusion : Agreed

N1-011174 : 29.018v400 CR#018, Siemens, Type: CR, Title: Correction of the length of the Service Area Identifcation

Discussion :

Conclusion : Agreed

N1-011182 : 23.009, 29.010   , Nortel, Type: DISCUSSION , Title: InterSystem IntraMSC-B Handover

Discussion : Revised to 1245 before the meeting.

Conclusion : WITHDRAWN

N1-011245 : 23.009, 29.010   , Nortel, Type: DISCUSSION , Title: InterSystem IntraMSC-B Handover

Discussion : This paper describes different options for determining the E interface protocol when InterSystem IntraMSC-B handovers occur.

Lot of e-mail discussions has been going on. No agreements seem possible at this stage. Both options and what has been considered so far will be introduced in the revised tdoc.

Conclusion : Revised to 1294

N1-011294 : 23.009, 29.010   , Nortel, Type: DISCUSSION , Title: InterSystem IntraMSC-B Handover

Discussion : This paper describes two different options for determining the E interface protocol when InterSystem IntraMSC-B handovers occur. The 3GPP Handover and MAP specifications are ambiguous on this topic.

This doc was treated jointly with N4.

Can the revised document be agreed on for the principals? Yes, but without considering which option. Why should option 2 be considered at all ? Some scenarios was claimed as not beeing supported by the specification. The MAP application context for handover is a part of MAP version 3 and maps to support of UMTS access with RANAP on the E-interface or not. A solution is needed since this is R99, but the discussion will carry on in the e-mail exploders.

Conclusion : Noted

N1-011183 : 23.009v370   CR#042, Nortel, Type: CR,   Title: Subsequent InterSystem Handovers

Discussion : Revised to 1246 before the meeting.

Conclusion : WITHDRAWN

N1-011246 : 23.009v370   CR#042r1, Nortel, Type: CR,   Title: Subsequent InterSystem Handovers

Discussion :

Conclusion : Withdrawn

N1-011189 : 23.009v410   CR#043, Nortel, Type: CR,   Title: Subsequent InterSystem Handovers

Discussion : Revised to 1247 before the meeting.

Conclusion : WITHDRAWN

N1-011247 : 23.009v410   CR#043r1, Nortel, Type: CR,   Title: Subsequent InterSystem Handovers

Discussion :

Conclusion : Withdrawn

N1-011199 : 04.65v810   CR#A074, Siemens, Type: CR, Title: Conditions for header compression

Discussion : Postponed to allow more study during this meeting.

Conclusion : Agreed

N1-011200 : 44.065v400   CR#001, Siemens, Type: CR, Title: Conditions for header compression

Discussion :

Conclusion : Agreed

N1-011201 : Siemens, Type: DISCUSSION, Title: Conditions for header compression

Discussion : What should be the sense of negotiation if parameters are sent different from the 2 ends in the XID negotiation? The third interpretation.

Conclusion : Noted

N1-011203 : 24.007v370   CR#038, Ericsson, Type: CR, Title: Clarification to N(SD) mechanism in the NW (R99)

Discussion :

Conclusion : Withrawn and revised to1295

N1-011295 : 24.007v370   CR#038r1, Ericsson, Type: CR, Title: Clarification to N(SD) mechanism in the NW (R99)

Discussion : See 1259.

Conclusion : Rejected

N1-011204 : 24.007v400   CR#039, Ericsson, Type: CR, Title: Clarification to N(SD) mechanism in the NW (Rel-4)

Discussion :

Conclusion : Withrawn and revised to1296

N1-011296 : 24.007v400   CR#039r1, Ericsson, Type: CR, Title: Clarification to N(SD) mechanism in the NW (Rel-4)

Discussion :

Conclusion : Rejected

N1-011205 : 24.008v380   CR#446, Ericsson, Type: CR, Title: Clarification of the Paging Response in the mobile station (R99)

Discussion : It should be cleary stated that in UMTS, the mobile station shall respond with the PAGING RESPONSE message before the mobile station enters the MM state WAIT FOR NETWORK COMMAND. The reference to the Paging Procedure in 3GPP TS25.331 should be corrected. Additional correction has been added for clarification.

It was again discussed if it is an essential correction for a frozen release. Postponed, see N1-011292 first.

Conclusion : Rejected

N1-011206 : 24.008v430   CR#447, Ericsson, Type: CR, Title: Clarification of the Paging Response in the mobile station (R99)

Discussion :

Conclusion : Rejected

N1-011207 : 24.008v500   CR#448, Ericsson, Type: CR, Title: Clarification of the Paging Response in the mobile station (R99)

Discussion :

Conclusion : Rejected

N1-011211 : 24.008v380   CR#450, Fujitsu, Type: CR, Title: Modification of session management between MS and network

Discussion : In the clauses 6.1.3.3.4 and 6.1.3.4.3 (abnormal cases), the collision of MS initiated PDP Context Modification Procedures and Network initiated DEACTIVE PDP Context Request Procedures is not considered. What happens if this change is not done ? The network 'deactivates' the PDP contexts locally anyway. The proposal is that the frozen specs are unchanged and only insert the changes for Rel-5. However the meeting did not object to the analysis and proposed behavior.

Conclusion : Rejected

N1-011212 : 24.008v430   CR#451, Fujitsu, Type: CR, Title: Modification of session management between MS and network

Discussion :

Conclusion : Rejected

N1-011213 : 24.008v500   CR#452, Fujitsu, Type: CR, Title: Modification of session management between MS and network

Discussion : The meeting agreed on the principles, but some editorials are needed.

Conclusion : Revised to 1303

N1-01303 : 24.008v500   CR#452r1, Fujitsu, Type: CR, Title: Modification of session management between MS and network

Discussion :

Conclusion : Agreed

N1-011214 : 24.008v380   CR#453, Fujitsu, Type: CR, Title: State after T3220 expriation

Discussion :

Conclusion : Withdrawn

N1-011216 : 23.009v370   CR#036r1, Siemens, Type: CR, Title: Usage of Location Reporting for Relocation and inter-system handover

Discussion :

Conclusion : Withdrawn

N1-011217 : 23.009v410   CR#037r1, Siemens, Type: CR, Title: Usage of Location Reporting for Relocation and inter-system handover

Discussion :

Conclusion : Withdrawn

N1-011221 : 24.008v380   CR#455, Siemens, Type: CR, Title: Correction of Protocol configuration options

Discussion : Protocol configuration options IE definition is incorrect without this CR

Conclusion : Agreed

N1-011222 : 24.008v430   CR#456, Siemens, Type: CR, Title: Correction of Protocol configuration options

Discussion :

Conclusion : Agreed

N1-011223 : 24.008v500   CR#457, Siemens, Type: CR, Title: Correction of Protocol configuration options

Discussion :

Conclusion : Agreed

N1-011228 : 23.009v370   CR#046, Nokia, Type: CR, Title: Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)

Discussion : The SDLs are missing and shall be provided by the originator.

Conclusion : Agreed and SDLs to be provided

N1-011229 : 23.009v410   CR#047, Nokia, Type: CR , Title: Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)

Discussion : The SDLs are missing and shall be provided by the originator.

Conclusion : Agreed and SDLs to be provided

N1-011254 : 24.008v380   CR#463, GP#5/Ericsson, Type: CR , Title: Clarification of 8-PSK power class coding

Discussion : Related to LS IN in 1064.

Conclusion : Agreed

N1-011255 : 24.008v430   CR#464, GP#5/Ericsson, Type: CR , Title: Clarification of 8-PSK power class coding

Discussion : Related to LS IN in 1064.

Conclusion : Agreed

N1-011257 : 24.008v380   CR#466, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion : Related to 1066. Spare needs to be ignored by a receiver. Has this been reserved because of earlier used code point ? The reason for change was argued to be incorrect. Reserved triggers mandatory error handling, Spare is a bit position, but not a value.

Conclusion : Revised to 1324

N1-011324 : 24.008v380   CR#466r1, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion : Hannu to inform GERAN.

Conclusion: Rejected

N1-011259 : 24.007v370   CR#040, GP#5/Ericsson, Type: CR , Title: Clarification of the transfer execution of the sequenced message transfer operation

Discussion : Alternative CR in 1295, where the intention is to make the releases similar. A comment on this CR is that a R99 or later network should discard messages 'received from a R99 or later MS' whose N(SD) is not the increment by one. Also the increment of one requires that messages are received in sequence. But when the window is set to one no change was seen needed. In UMTS the possibility is to send 2 messages simultaneously. If then only equal values are looked at for duplication it is fine, but should the network check for messages out of sequence also ? Believed to be meant as R99 network serving an old mobile.

Conclusion : Revised to 1327

N1-011327 : 24.007v370   CR#040r1, GP#5/Ericsson, Type: CR , Title: Clarification of the transfer execution of the sequenced message transfer operation

Discussion : To be moved to the next N1 meeting and then inform GERAN. Including another topic in the same part which needs time for checking. N1 was not against the proposed GERAN changes.

Conclusion : Rejected

N1-011260 : 24.007v400   CR#041, GP#5/Ericsson, Type: CR , Title: Clarification of the transfer execution of the sequenced message transfer operation

Discussion : Alternative CR in 1296.

Conclusion : Revised to 1328

N1-011328 : 24.007v400   CR#041r1, GP#5/Ericsson, Type: CR , Title: Clarification of the transfer execution of the sequenced message transfer operation

Discussion : Alternative CR in 1296. To be moved to the next N1 meeting and then inform GERAN. Including another topic in the same part which needs time for checking. N1 was not against the proposed GERAN changes.

Conclusion : Rejected

1-011265 : 23.009v370   CR#048, Ericsson, Type: CR , Title: Usage of Location Reporting for Relocation and Inter-system Handover

Discussion : Roles of 3G_MSC-A and 3G_MSC-B need to be clarified with respect to Location Reporting since it is not clear how a previously initiated location reporting procedure has to proceed after Handover/Relocation. The order to

perform location reporting at change of Service Area has to be transferred to the target RNS in order to keep the procedure active. This contribution clarifies which network element performs this task in various scenarios.

This document was treated in joint N4 sesssion.

Cover sheet stating criticality is not normal practice in N1. Concensus that this was important enough. Any impacts on SDLs? To be clarified in this meeting. Section 4.1.1 need the word 'immediately' instead,- plus on other sections other revisions to the text parts were pointed out. MAP version 3 is needed to carry the needed capabilities, but this contribution only refers to the last one used.

Conclusion : Revised to 1310

1-011310 : 23.009v370   CR#048r1, Ericsson, Type: CR , Title: Usage of Location Reporting for Relocation and Inter-system Handover

Discussion : The previous version was seen and commented by N4 delegates, and simultaneously agreed on without presentation. If SDLs are needed, which are not assesed by the N1/N4 meeting, they will have to go on N1 and N4 exploders before beeing brought seperately to the plenary (commented that the SDLs has not been seen in N1 and N4 meetings).

Conclusion : Agreed without presentation

N1-011266 : 23.009v410   CR#049, Ericsson, Type: CR , Title: Usage of Location Reporting for Relocation and Inter-system Handover

Discussion : This document was treated in joint N4 sesssion.

Conclusion : Revised to 1311

N1-011311 : 23.009v410   CR#049r1, Ericsson, Type: CR , Title: Usage of Location Reporting for Relocation and Inter-system Handover

Discussion : The previous version was seen and commented by N4 delegates, and simultaneously agreed on without presentation. If SDLs are needed, which are not assesed by the N1/N4 meeting, they will have to go on N1 and N4 exploders before beeing brought seperately to the plenary (commented that the SDLs has not been seen in N1 and N4 meetings).

Conclusion : Agreed without presentation

N1-011272 : 24.008v500   CR#465, GP#5/Ericsson, Type: CR , Title: Clarification of 8-PSK power class coding

Discussion : Related to LS IN in 1064.

Conclusion : Agreed

N1-011292 : 24.008v380   CR#472, Qualcomm, Type: CR , Title: Remove references to specific sections of 25.331

Discussion : The whole reference to 25.331 could be deleted as an alternative.

Conclusion : Agreed

N1-011293 : 24.008v430   CR#473, Qualcomm, Type: CR , Title: Remove references to specific sections of 25.331

Discussion :

Conclusion : Agreed

N1-011302 : 24.008v500   CR#474, Qualcomm, Type: CR , Title: Remove references to specific sections of 25.331

Discussion :

Conclusion : Agreed

6.2   R99 multicall handover (joint with CN4)

The meeting was joint and the report is in this chapter 6.2 and 6.3, which will be copied to the N4 report as well. First the LS will be treated and then the 2 competing proposals from Nokia and Siemens will be presented before the discussion starts. The outcome of the discussion or voting will be the base for the documents to be dealt with in the N4 adhoc afterwards.

N1-011073 : R3-011847,   To: N1, Cc: R2,   Type: LS IN ,   Title: Answer LS on Priority Selection Criteria of Calls in a Multicall

Discussion : Will this issue be needed also when N4 participates in agenda item 6.2 for the joint session.? Yes.

This was the answer from R3 on the request from N1 to choose between the two proposed CRs. However it was not possible to achieve a concensus in R3 either, but some information was returned in this LS. The answer was considered not complete on question 1 from Nokia, since the SSD (source statistics descriptor) could be used to identify speech according to another paragraph in the same specification. Siemens do not interprete that part of the spec in the same way, meaning that 'speech' could be something else. R3 LS states the initial intention of SSD, but the actual use is different and used to define speech for transcoders to be inserted. This should be conveyed back to R3

Conclusion: LS OUT in 1291 by Inma

N1-011175 : 23.009v370   CR#038r1, Siemens, Type: CR, Title: Priority selection criteria of calls in a multicall

Discussion : Revision of the N1#17 CR set B conditionally agreed, but with no technical changes to it. During RAB assignment and relocation 3G-MSC-A assigns a priority level defined as RAB parameter in 3GPP TS 25.413 [11] for each bearer. The rules for the assignment of priority levels are implementation dependent. However, the priority levels shall be assigned in such a way that the requirements from 3GPP TS 22.129 [9], subclause "Handover of a Multicall", are fulfilled if 3G_MSC-A selects the bearers to be handed over according to the priority level.

Is it mandatory to always mandate RANAP priorities, in the first call or in the second call in this multicall session ? Different opinions. Is there restrictions on how to allocate priorities between users? No it is within one user. Handover of multicall when roaming in different PLMNs is not necessarily supported, but is not specified to work in the standards.

Conclusion : Noted

N1-011176 : 23.009v410   CR#039r1, Siemens, Type: CR, Title: Priority selection criteria of calls in a multicall

Discussion : A mirror CR.

Conclusion : Noted

N1-011215 : Siemens, Type: DISCUSSION, Title: Priority selection criteria of calls in a multicall

Discussion :

Conclusion : Noted

N1-011225 : Nokia, Type: DISCUSSION, Title: Description of the solution alternatives to solve the Multicall handover problem.

Discussion : The subscription based Allocation/retention priority is loaded down to MSC, and a general question to N4 is how they provide interworking with priorities, regardless of the multicall problem. For the S1 requirement any extension with more than one speech call is open ended. This could not be considered now for the frozen releases R99 and Rel-4.

Conclusion : Noted

N1-011226 : 23.009v370   CR#044, Nokia, Type: CR , Title: Proposal A for Multicall handover selection criteria

Discussion : Revised to 1243 before the meeting started.

Conclusion : WITHDRAWN

N1-011243 : 23.009v370   CR#044r1, Nokia, Type: CR , Title: Proposal A for Multicall handover selection criteria

Discussion : Revision to the earlier conditional agreed CR set A in N1#17. Rules for bearer selection in SRNC relocation for core network are not specified and have been left as an implementation issue. However, in the current TS 23.009 the bearer selection criteria in 3G MSC-A is based on priority level. Because the MSC-A controls the calls, it shall be able to base its decision on bearer selection on all the information it knows about the calls, and priority level is just one of numerous decision criterias. This CR proposes changes to TS 23.009 chapters 4.3.1 and 4.4.1 to be compliant with intersystem handover requirements specified in TS 22.129 and to allow operators to influence bearer selection in SRNC relocation.

On which reason don't the criteria in 22.129 apply in all relocation cases, but only in inter MSC handover ? This is interpreted as not required and left for implementation/operators. With Iu flexing there might turn up different scenarios, but this is not considered for R99 and Rel-4.

Conclusion : Noted

<u>N1-011227</u> : 23.009v410   CR#045, Nokia, Type: CR , Title: Proposal A for Multicall handover selection criteria

Discussion : Revised to 1244 before the meeting started.

Conclusion : WITHDRAWN

<u>N1-011244</u> : 23.009v410   CR#045r1, Nokia, Type: CR , Title: Proposal A for Multicall handover selection criteria

Discussion : A mirror CR.

Conclusion : Noted

6.3   R99 multicall handover voting (joint with CN4)

<u>N1-011239</u> : MCC, Type: OTHER , Title: Voting question and procedure in CN1#19

Discussion : To have a quorum minimum 16 voting members need to be present to have the quorum requirement of 30% fullfilled. 2 Proxy votes have been received by MCC.

Yes means supporting the Nokia proposal and No means indirectly supporting the Siemens proposal as there is only 2 solutions on the table. Only Individual members can vote. The result of the voting should mean that a template to be worked on is selected. Less than 71% means that the Nokia proposal is not carried on. CN plenary mandates a result for CN#13 and that the result is needed for handover to work. A No should then mean that agreement on the Siemens proposal be sought, possibly with modifications so as to reach concensus,- or a third way forward is also possible.

The voting took place and it was no problem to exceed the required 30% quorum. 36 out of 53 voted, and since 7 votes were voting 'abstaine' this means 29 votes casted.

It was 18 votes on Yes, = 62%.

And it was 11 votes on No, = 38%.

Indicative show of hands in favour of Siemens proposal showed that it is not likely that a decision either way would be obtainable by voting.

Conclusion : Noted

<u>N1-011240</u> : MCC, Type: OTHER , Title: Voting list for CN1#19 joint with CN4

Discussion :

Conclusion : Noted

7   Release 4

<u>N1-011210</u> : Ericsson, Type: DISCUSSION, Title: The problem with introduction of a Release marker

Discussion :

Conclusion : Not treated due to lack of time.

7.1 Rel-4 corrections

N1-011147 : 24.008v430 CR#440, Hutchison 3g, Type: CR, Title: Fallback to voice for multimedia call

Discussion :

Conclusion : Withdrawn

N1-011148 : 24.008v500 CR#441, Hutchison 3g, Type: CR, Title: Fallback to voice for multimedia call

Discussion :

Conclusion : Withdrawn

N1-011219 : 24.008v430   CR#454, Ericsson, Type: CR , Title: Introduction of default codec UMTS_AMR_2

Discussion :

Conclusion : Revised to 1314.

N1-011314 : 24.008v430   CR#454r1, Ericsson, Type: CR , Title: Introduction of default codec UMTS_AMR_2

Discussion : Any specified default codec ? None known. Are there procedures for the terminal side ? Yes, the 'R99 dual system', a term which were discussed and modified.

Conclusion : Revised to 1340

N1-011340 : 24.008v430   CR#454r2, Ericsson, Type: CR , Title: Introduction of default codec UMTS_AMR_2

Discussion :

Conclusion : Agreed

N1-011315 : 24.008v500   CR#475, Ericsson, Type: CR , Title: Introduction of default codec UMTS_AMR_2

Discussion :

Conclusion : Revised to 1341

N1-011341 : 24.008v500   CR#475r1, Ericsson, Type: CR , Title: Introduction of default codec UMTS_AMR_2

Discussion :

Conclusion : Agreed

N1-011234 : 23.122v410   CR#037, Nokia, Type: CR , Title: Roaming restrictions for GPRS service

Discussion :

Conclusion : Withdrawn

N1-011235 : 24.008v430   CR#461, Nokia, Type: CR , Title: Addition of new GMM cause code "GPRS services not allowed in the LA"

Discussion :

Conclusion : Withdrawn

N1-011241 : Ericsson, Type: DISCUSSION, Title: Introduction of UMTS_AMR_2 - default UMTS codec for GSM inteworking

Discussion : SA4 has completed the standardisation for codec type UMTS_AMR_2. This codec has been introduced in order to solve the incompatibilities between the FR_AMR codec for GSM and the UMTS_AMR codec for UMTS. These codecs cannot operate together in TrFO or TFO, although the encoding algorithms are bit exact. The problem being in the rate control handling of these codecs; FR_AMR may only change between adjacent modes and only every

other frame (40ms perodicity) whereas UMTS_AMR may change any frame and between any modes. It has been argued and agreed in SA4 that for systems interworking with both GSM and UMTS the compatibilty for TrFO and TFO outweighs the advantage to freely change between any modes or at any frame.

Conclusion : Noted

N1-011258 : 24.008v430   CR#467, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion : Related to 1066. In RAC the new parameter lacks a semicolon in the end and to be removed before the new insertion. In the end of the CR the naming of fields are incosistent within the RAC.

Conclusion : Revised to 1325

N1-011325 : 24.008v430   CR#467r1, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion : Spare needs to be removed.

Conclusion : Revised to 1338

N1-011338 : 24.008v430   CR#467r2, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion :

Conclusion : Agreed

N1-011261 : 24.008v430   CR#469, GP#5/Vodafone, Type: CR , Title: Introduction of a release indicator in the MS Radio Access Capability IE and MS Classmark 3 IE

Discussion : Related to 1068. Hannu to inform GERAN that nobody volunteered to draft CRs on the correct reference version and present them.

Conclusion : Not available

N1-011273 : 24.008v500   CR#468, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion : Related to 1066. Mirror to 1258.

Conclusion : Revised to 1326

N1-011326 : 24.008v500   CR#468r1, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion : Related to 1066. Mirror to 1325. Spare needs to be removed.

Conclusion : Revised to 1339

N1-011339 : 24.008v500   CR#468r2, GP#5/Vodafone, Type: CR , Title: Definition of new DTM multislot classes

Discussion :

Conclusion : Agreed

N1-011274 : 24.008v500   CR#470, GERAN, Type: CR , Title: Introduction of a release indicator in the MS Radio Access Capabilty IE and MS Classmark 3 IE

Discussion : Related to 1068. Hannu to inform GERAN that nobody volunteered to draft CRs on the correct reference version and present them.

Conclusion : Not available

N1-011284 : 23.153v410   CR#025, Ericsson, Type: CR , Title: Default Codec Types For "UMTS only" and "UMTS & GSM dual system" UEs

Discussion :

Conclusion : Not treated due to lack of time.

8   Release 5

8.1   Rel-5 corrections

None provided

8.2   TEI5

N1-011097 : Hutchison 3g, Type: DISCUSSION, Title: Multiple RAB Activation Issue

Discussion : The functionality that is required is the ability to indicate one or more NRT[1] PDP contexts that are to be activated during a Service Request and/or Paging Function (i.e. it affects both UL and DL traffic flows). The current specifications do not support such functionality – all active contexts will have RAB's assigned each time that a Service Request is made. The Service Request and Routing Area Update allows the terminal only to indicate contexts that are inactive, or 'not-inactive' – in order to synchronise the terminal and network. The consequences of this is that a number of 'not required' RAB's will be set up each time a PDP context is activated, if a terminal has multiple contexts active. The timer for release of a RAB that is not transporting data is not specified, it is vendor specific.

Why is paging to be updated ? Stage 2 requirements and possibly service requirement is needed to progress work in this area. This was touched in a liaison related to PUSH. 1280 is the related proposed LS OUT.

Conclusion : Noted

N1-011280 : Hutchison 3g, Type: DISCUSSION, Title: Draft Liaison on Multiple RAB Activation Issue

Discussion : S2 needs to be addressed for checking. The paging issue should be pointed out or clarified. But if paging does not need to be affected the LS is not needed to R2 and R3. Increased load by SERVICE REQUEST to be validated? No decisions are done in N1 on the Multipel RAB activation issue.

Conclusion : Revised to 1321 as a LS OUT in agenda item 9

8.3   IMS: 23.218

N1-011125 : Lucent, Type: CR, Title: CR to 23.218: Pre-paid Service Control Information Flows

Discussion :

Conclusion : Not treated due to lack of time.

N1-011126 : Lucent, Type: CR, Title: CR to 23.218: Information flows for IMS service examples: Call Forwarding Service Control Scenarios

Discussion :

Conclusion : Not treated due to lack of time.

N1-011190 : Motorola, Type: INFO, Title: 23.218 v052 IP Multimedia (IM) Session Handling;IP Multimedia (IM) call model

Discussion : The latest draft TS.

Conclusion : Noted

N1-011191 : Motorola, Type: CR, Title: Reorganization of 23.218 based on revised SA2 architecture for Service Control and selection of SIP for the ISC interface protocol

Discussion : At CN1#18 in Dresden Motorola contributed N1-010983, which discussed the reorganization of TS 23.218 based on the agreed Architecture for Service Control and also advocated allocating responsibility for sections 6 to CN2 and section 8 to CN5. The contribution was agreed in principle and this contribution attempts to make the corresponding changes to effect this implementation as well as cleanup some editorials in the document. It should be noted that this is only a baseline for further contributions to complete the structure of the document. One additional issue for consideration and discussion is whether it makes sense to swap Section 6 and Section 7 around. Section 6 currently relates to the IM-SSF, which is a specific instance of a SIP Application Server, the behaviour of which is currently specified in Section 7. The generic SIP application server behaviour of the IM-SSF will be specified in the current Section 7. It may help the readability of the document therefore if Section 6 and Section 7 are interchanged.

5.3.2 should have something on Subscriber Notify,- or to a different chapter level 3 or 4. Title in 5.3.2 should be split, and also call release sections added. Definitions are needed in a chapter 3. Section 7.1.1 should contain a sentence on a possible colocation between Application Server and S-CSCF. However these kind of statements maybe fits better in 23.002,- or not needed at all. In 7.1.1.4 B2BUA it is needed describing termination of a call leg and originating a new call leg,- but this was argued against. An update should leave out the controversial issues. Discussion on what happened or shall be described for the generic application server in the new structure. If agreeable how should the other WGs be informed on the outcome. For N5 mainly references seems needed since they use different tools in making their own documentation. N1#20 should schedule a joint meeting with N5.

Conclusion : Revised to 1277

N1-011277 : Motorola, Type: CR, Title: Reorganization of 23.218 based on revised SA2 architecture for Service Control and selection of SIP for the ISC interface protocol

Discussion : Sections will be reordered in the next meeting.

Conclusion : Agreed

N1-011194 : Siemens, Type: CR, Title: Filter Criteria and Service Points of Interests

Discussion : The definitions are longer than apropriate for the definition section, limited to what it is rather than what it does,- and could be split ? The session definitions will be for a later contribution. Include an editors note saying that subsequent filter criterias are not for Rel-5.

Conclusion : Revised to 1322

N1-011322 : Siemens, Type: CR, Title: Filter Criteria and Service Points of Interests

Discussion : A sentence to be deleted .

Conclusion : Revised to 1342

N1-011342 : Siemens, Type: CR, Title: Filter Criteria and Service Points of Interests

Discussion :

Conclusion : Agreed

8.4　　IMS Registration

N1-011119 : 24.229 , Lucent, Type: CR, Title: CR to 24.229: Handling of Contact header by the S-CSCF

Discussion : It is proposed that the Contact header in the REGISTER request is used by the S-CSCF to construct the list of Route headers that will be pre-loaded into the initial INVITE request destined for the UE. The text in the Annex X/Section 9.4.1 of the document 24.229 should be modified.

Which public ID is it used for, and it should be visible to the Mobile ? From Contact header the IP address should be found. The solution to the problem by loosing the public identity is not acceptable, and another solution is outlined in 1181.

Conclusion : Rejected

N1-011120 : 24.229, Lucent, Type: CR, Title: CR to 24.229: I-CSCF processing of the REGISTER request

Discussion : This contribution describes the processing of the REGISTER request and associated response by the I-CSCF.

Related contributions in 1163 and 1164. The direction of the flow, meaning to or from is maintained,- but was argued against as not needed (it is implicitly). This CR adds solutions to existing text, while 1063/64 do not take the old text into account for this meeting. The problem of hiding when application servers now can get into the route is not solved by neither of the 3 docs 1120/63/64. Proposal to split this CR into the hiding and the non-hiding case according to the new structure for this particular case. Yes.

Conclusion : Revised to 1278

N1-011278 : 24.229, Lucent, Type: CR, Title: CR to 24.229: I-CSCF processing of the REGISTER request

Discussion : Linked doc in 1279 and 1282.

Conclusion : Rejected

N1-011122 : 24.229, Lucent, Type: CR, Title: CR to 24.229: Procedures at the P-CSCF

Discussion : This contribution proposes some modifications of the Annex X/Section 9.2.

Only for Register and not use path header in any response except for the 200OK. So the deletion of the earlier editors note should not be done. Clarify the text to remove the Path header when P-CSCF receives the 2xx response. 9.2.3.1,- should the contact header in the response be added to the bottom of the Route header list ? Contact header can be changed during a session in SIP, and also discussed was what P-CSCF does with the contact header.

Conclusion : Revised to 1283

N1-011283 : 24.229, Lucent, Type: CR, Title: CR to 24.229: Procedures at the P-CSCF

Discussion : Some old comments not included.

Conclusion : Revised to 1343

N1-011343 : 24.229, Lucent, Type: CR, Title: CR to 24.229: Procedures at the P-CSCF

Discussion :

Conclusion :Agreed

N1-011124 : 24.228, Lucent, Type: CR, Title: CR to 24.228: Handling of From header by the P-CSCF

Discussion : This contribution discusses the handling of the From header in the REGISTER request by the P-CSCF. It is proposed that the P-CSCF appends its domain name to the From header as specified in the SIP document draft-ietf-sip-rfc2543bis-03.txt.

Why is the visited domain name transferred was answered with the operators interest. But it was thought that Path header was sufficient. SIP violation was to be avoided,- and the solution by using the From field had different views on what SIP outlines for P-CSCF. The requirement is that the private number should be sent to the home network as provided by the operator to the UE.

Conclusion : Rejected

N1-011160 : 24.228, Nokia, Type: CR, Title: re-registration - user currently registered (non-hiding)

Discussion : TS 24.228 1.2.0 does not contain a re-registration signalling flow when I-CSCF does not provide network configuration independence, therefore it is proposed to add the included subclause to chapter 7.

If the flow for re-registering is the same can only the text be included ? New scenarios with changes in bold was reminded. Re-registration with DHCP giving a new S-CSCF ? Duplication for hiding and non-hiding as in this CR is not according to 24.228 assumptions on layout. But there was not consensus on which flows in general goes in.

Conclusion : Agreed

N1-011163 : 24.229, Nokia, Type: CR, Title: I-CSCF role in Registration and non-hiding case

Discussion : In 24.229 section 9.3.1 is empty. The subsection shall contain rules the I-CSCF shall follow and which are not specified in the latest draft of RFC2543 (bis4 at the moment).

The Cx query is ambiguos to what the 2 results may be, and a note is needed for further clarification needed.

Conclusion : Revised to 1279

N1-011279 : 24.229, Nokia, Type: CR, Title: I-CSCF role in Registration and non-hiding case

Discussion :

Conclusion : Rejected

N1-011164 : 24.229, Nokia, Type: CR, Title: I-CSCF role in Registration and hiding case

Discussion : The Cx query is ambiguos to what the 2 results may be, and a note is needed for further clarification needed.

Conclusion : Revised to 1282

N1-011282 : 24.229, Nokia, Type: CR, Title: I-CSCF role in Registration and hiding case

Discussion :

Conclusion : Rejected

N1-011178 : 24.228, Nokia, Type: CR, Title: Contact in 200 OK of REGISTER

Discussion : In the registration flows of 24.228, subclauses 7.1-7.3, there is no Contact header present in 200 OK of REGISTER. In [rfc2543bis-04, 7.5] it reads: "2xx REGISTER responses SHOULD list all current registration in the Contact header field." This means, that the 200 OK of REGISTER contains always the latest registration state.

IETF 'should' means strong recommendation. Contact header not included in the response means nothing registered, and that is the reason for optionality. Public identity is in the To field, while the Contact reveals where the network shall reach the UE. Step 10 should describe the loading of the Contact field.

Conclusion : Revised to 1288

N1-011288 : 24.228, Nokia, Type: CR, Title: Contact in 200 OK of REGISTER

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Rejected

N1-011180 : 24.228,   Nokia, Type: CR, Title: Date Header Field in Registration Flows

Discussion : 1220 is equal, and both was agreed,- accepted by the rapporteur.

Conclusion : Agreed, same as 1220

N1-011181 : Nokia, Type: DISCUSSION, Title: Enhanced Registration of Public Identities

Discussion : The assumption so far has been that the registering of the user's public identities requires a separate REGISTER transaction for each public identity. However a new requirement enabling a single registration has been approved in the TSG-WG SA2. It is proposed to have the following changes in the TS 24.228 to allow the registration of a whole service profile with a single REGISTER transaction.

The contact consists of all public IDs, requiring change of semantics. It was however claimed to be an extension. The user needs the freedom to choose which public ID to register, but the profile is according to S1 requirements. The contact information received in 200OK to Register is all Public IDs currently registered. The binding to the private user was another item that was argued against this CR. Should only requirements be made to IETF and not solutions for the extensions,- going into an IETF draft ?

Conclusion : Rejected

N1-011184 : 24.228,   Nortel, Type: CR, Title: Timer Value of Expires Header in SUBSCRIBE request

Discussion : Only produced the CR to remove the editors note, but comments received questioned a revision or not. Eventual Subscribe with Expire header for operators to decide (eg. every day or every second) was desired. The bombardment risk is still possible by UAs in spite of manipulating the Expiry header with long registration time.

Conclusion : Rejected

N1-011192 : 24.228, Siemens, Type: DISCUSSION, Title: Network Initiated De-Registration

Discussion : This contribution proposes a generic event package for registration-states. The user and any CSCF can subscribe to that package for a specific public ID at the users registrar. The registrar then sends out information about registration state changes in NOTIFY messages, which could trigger further actions at some of the receiving entities.

Step 5 should be repeated for each subscriber. It was argued that this could be dangerous if P-CSCF is not willing to send the message. A fallback with timer in the P-CSCF to erase subscriptions is possible. Subscription timer could be much longer than the registration timer. Register request should be part of the flow. This CR is for the general concept to be illustrated. 200OK from Register could trigger subscription to events, but also UA and P-CSCF independantly. Security issues need to be thought about,- as editors note now. The referred draft in this CR is not properly in the list of IETF dependencies. The hiding case will be attempted for the next meeting. The P-CSCF needs to know if it receives Notify message 7 or 11. Message 5 and identities needs consideration. Linked with 1184. Have to understand the P-CSCF acting as UA sending Subscribe / receiving Notify in more detail. 24.228 shall have example flows and no generic flows. Should trigger point be shown as examples ?

Conclusion : Revised to 1289

N1-011289 : 24.228, Siemens, Type: CR, Title: Network Initiated De-Registration

Discussion : Two editors note to be modified.

Conclusion : Revised to 1329

N1-011329 : 24.228, Siemens, Type: CR, Title: Network Initiated De-Registration

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011193 : 24.229, Siemens, Type: DISCUSSION, Title: Multiple REGISTER

Discussion : Currently the IM Subsystem forces a user to register at the registrar of the home network in order to be able to set up further calls. IETF SIP allows a user to register him/herself at multiple registrars, e.g. at Instant Messaging applications etc. Due to that a user must be able to send REGISTER requests to different recipients, not just the registrar at the home network.

The reaction seems to be that this is not likely for Rel-5 and the discussion belongs to the architecture in S2 and its assumptions in 23.228.

Conclusion : Noted

N1-011220 : 24.228, Lucent, Type: CR, Title: CR to 24.228: Contribution to Replace N1-010952

Discussion : 1180 is equal, and both was agreed,- accepted by the rapporteur.

Conclusion : Agreed, same as 1180

8.5   IMS Deregistration

N1-011104 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: A review of the editor's notes in clause 7.4

Discussion : 1st editor note) If the same PDP-Context is not available, is it guaranteed that the UE will get back the same IP address at this point? GGSN allocation of IP addresses is dynamic addresses. In DHCP it is possible to allocate a permanent address that does not expire in that DHCP. Will IMS use static or dynamic addressing for IPv6. How about the binding information to solve the conflict of IMS registration beeing kept while the UE is out of coverage ?

2nd editor note) The roaming case needs to be studied in a separate flow. The specific case to be studied is where the UE roams into a new roaming area. The old PDP-context is probably lost, before this Mobile Initiated Deregistration procedure can be started.

Conclusion : Rejected for the first editors note. Agreed for second editors note.

N1-011154 : 24.228,   Ericsson, Type: CR, Title: Network Initiated Deregistration of roaming subscriber

Discussion :

Conclusion : Withdrawn

N1-011179 : 24.228,   Nokia, Type: CR, Title: Expires in Mobile Initiated Deregistration

Discussion : It is proposed to replace in 24.228, subclause 7.4 (flows 1-4) the reference to subclause 7.2 with full text, i.e. use a modified version of flows 1-4 in subclause 7.2. The main modifications are setting the Expires header to be zero and adjust the description part to specify the mobile initiated de-registration behaviour.

The use of revision marks does not show what is actually new. In step 4 the Cx query is questioned as why it is necessary with additional network processing for this non hiding case. Going to HSS for deregistration was wanted similar to the registration, as done for the Path header optimization. Editors note to be added to section 4 that optimization is possible was not needed.

Conclusion : Agreed

8.6   IMS Configuration hiding

N1-011185 : 24.228,   Nortel, Type: CR, Title: Replace "Firewall" with "THIG"

Discussion : "Firewall" is not appropriate to describe the configuration hiding functionality of the I-CSCF, and that the term "THIG (Topology Hiding Inter-network Gateway)" should be used instead. Is S2 decision made this week on this issue in line with thiis CR then this CR is conditionally agreed. Is a more precise CR needed or can the creativity of the rappporteur do this (not a search and replace problem) ? The revision to be done on v1.4.0

Conclusion : Agreed on condition of equal S2 agreement

8.7   IMS Authentication

None provided

8.8   IMS Call initiation

N1-011105 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: A review of the editor's notes in clause 8.1

Discussion :

Conclusion : Not treated due to lack of time.

N1-011106 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: A review of the editor's notes in clause 8.2

Discussion :

Conclusion : Not treated due to lack of time.

N1-011113 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: S-CSCF Processing theINVITE With UE Request Privacy

Discussion :

Conclusion : Withdrawn

N1-011114 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: From and To header with User Privacy Requirement

Discussion : There was a need to gain a better understanding of the underlying principles of the use of various identifiers before these contributions is resolved.

Conclusion : Withdrawn

N1-011115 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: Remote-Party-Id field

Discussion : There was a need to gain a better understanding of the underlying principles of the use of various identifiers before these contributions is resolved.

Conclusion : Noted

N1-011116 : 24.228,   Lucent, Type: INFO, Title: CR to 24.228: P-CSCF processing INVITE when From header is encrypted

Discussion : Meant as a discussion. If initial INVITE is encrypted the P-CSCF can not decide the path if the UE has multipel public IDs with multipel S-CSCF.

Conclusion : Noted

N1-011117 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: QoS flows in Mobile Originating

Discussion : Example flows based on MO without Service-based Local Policy. Discussed which network the GGSN belongs and that MGW is possible also. End-to-end flows were requested. RSVP (which is optional) could be DIFFSERV, and this flow part could be only pointing to 23.207. The SDP needs this for the understanding, and this section will be seen by joint N (N3 especially) meeting in Brighton. In message 12 the 'parameter' in paranthesis is not known, and the signalling could be by Secondary PDP context Activation. Some editorials pointed out. RSVP PATH in message 16 can use the SDP default from INVITE. Is RSVP sent on the SIP path or where the media is intended ? S2 assumes SIP path which seems not to work for all cases required. Do COMET mean confirmation end to end or only on the access ? Where is the codec decided, only one PDP context message exchanged ? This should go into the annex after comments have been taken into account. Step 6 to be deleted and shown in flows with Local Poolicy.

Conclusion : Revised to1306

N1-011306 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: QoS flows in Mobile Originating

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Rejected

N1-011121 : 24.229,   Lucent, Type: CR, Title: CR to 24.229: I-CSCF processing of the initial INVITE request

Discussion : By appending the Record-Route header to the initial INVITE request, and modifying it in the associated response, the I-CSCF will be able to determine whether the UE or the S-CSCF sent the subsequent request.

'May' modify or deleting this text part for Record-Route header was one issue. Another issue was the direction , if deciding the incoming or outgoing should be based on this procedure and if this aspect needs to be standardized. Different DNS may give different THIGs. Should the Via header be included ?

Conclusion : Rejected

N1-011123 : 24.229,   Lucent, Type: CR, Title: CR to 24.229: Subsequent requests at the P-CSCF

Discussion : In the subsequent requests UE includes the respective Contact header in the Request-URI. In addition, whenever the UE receives a request or a response from its peer that specifies new Contact information, it will forward future requests to the destination specified in the Contact header.

What is the difference to the IETF draft ? The 3GPP delta is that we delete the Record-Route,- taken from INVITE only or from subsequent requests only ? The working assumption on this should be clarified in this meeting. PRACK eg. is in the N1 area to decide on for Record-Route or not, since the IETF draft do not consider it.

Conclusion : Revised to 1312

N1-011312 : 24.229,   Lucent, Type: CR, Title: CR to 24.229: Subsequent requests at the P-CSCF

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011152: 24.229, Ericsson, Type: CR, Title: IPv6 addresses in SDP

Discussion : IMS uses IP version 6 to address nodes and terminals in the network. IP addresses may be transported in SIP signaling messages and are actually transported in the Session Description Protocol (RFC 2327). However, RFC 2327 considers only IPv4 addresess. Therefore, the use of IPv6 addresses is not compliant with RFC 2327. Currently TS 24.229 uses the RFC 2327 as a reference for the SDP protocol, even though IPv6 addresses are not allowed. This contribution would like to propose to use "draft-ietf-mmusic-sdp-new-03" as a reference to SDP instead of the current RFC 2327 in 3G TS 24.229.

It is currently the understanding that there is no impacts to the 24.229 flows.

Conclusion : Agreed

N1-011153 : Ericsson, Type: DISCUSSION, Title: Transport of Location information in SIP messages

Discussion : At CN1#18 at Dresden, CN1 received an LS N1-011011 [1] requesting CN 1, CN 4, T 2, RAN 2, GERAN 2, SA 1, SA 3 to investigate the use of CellID in SIP messaging. The purpose of this contribution is to outline a method by which the cellID can be transported in a SIP message. Based on the outcome of the document and following discussion, Ericsson volunteers to draft a detailed proposal for the transport of location information in SIP messages.

This contribution does not address the architecture, just the transport. It was a welcomed contribution, but believed to have problem with the Rel-5 timeframe. And bring the provided information to the IETF also, who now has a "geopriv" working group. But in the S2 requirement for Rel-5 a simple solution for transferring Global Cell ID was reminded to the meeting, needed for emergency calls and could be used for other purposes also. Geopriv group is our base for the proper SIP long term solution, and that dependency controls the timeschedule, and that future solution was seen as needed from this meeting.

Conclusion : Noted

N1-011155 : 24.228, Nokia, Type: CR, Title: Anonymity

Discussion : It is thus proposed to move the Anonymiser functionality from Rel5 to a later release. As a consequence the header "Anonymity" should be removed from the call flows in 24.228 and any reference to it from 24.229.

Stage 1 service input was sought. Has interworking with other networks and privacy via S3 been sufficiently considered before removing the functionality ? NAT is not considered in IETF IPv6. The S2 architecture is also needed for eventually showing the anonymizer. Is dynamically allocated IPv6 addresses a security problem in Rel-5 ? A LS needs to be sent to S1 and S3 telling what is needed and if we have to do it, explaing the time constraints.

Conclusion : LS OUT in 1313 by Keith

N1-011156 : 24.228, Nokia, Type: CR, Title: #2 Flow updates

Discussion : This contribution is a follow-up contribution of N1-010968. It implements the changes proposed in N1-010576 (P-CSCF modifies the Record Route header instead of the Contact header) and aligns the Session Setup flows with the Registration flows. It also proposes to eliminate the usage of canonical forms by P-CSCF, instead it proposes to append the Contact header to the bottom of the Route list as described in draft-ietf-sip-rfc2543bis-04.

What about the 200OK message ? Acknowledgements should follow the established path, and the flows shown here only includes what the draft mandates. More time needed to study was requested.

Conclusion : Revised to 1316

N1-011316: 24.228, Nokia, Type: CR, Title: #2 Flow updates

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011157 : 24.228,   Nokia, Type: CR, Title: #1 Flow updates

Discussion : Still some work is left for this and 1156 doc. to implement the earlier agreed BT/Ericsson/Nokia for both hiding and non-hiding. More time required for study. Some modifications are needed to the Contact header.

Conclusion :Revised to 1317

N1-011317 : 24.228,   Nokia, Type: CR, Title: #1 Flow updates

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011158 : 24.228,   Nokia, Type: CR, Title: The content of To: and From: fields

Discussion : The changes when identified should be done only once. This proposal is then agreed to be moved into 24.228 annex as a reminder for the time beeing.

Conclusion : Agreed

N1-011161 : 24.228,   Nokia, Type: CR, Title: Call Transfer Procedures

Discussion : This is going to the annex if agreed. Referred-By header (hanged name) and Replace header is not in a working group, but we need both.

Conclusion : Revised to 1320

N1-011320 : 24.228,   Nokia, Type: CR, Title: Call Transfer Procedures

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011162 : 24.229,   Nokia, Type: CR, Title: SDP usage and Session Setup

Discussion : Not presented.

Conclusion : Revised to 1276

N1-0111276 : 24.229,   Nokia, Type: CR, Title: SDP usage and Session Setup

Discussion : 'Whatever UE' means also non-3GPP UEs, and such interworking is N3 domain. Architectural constraints seems put on higher layers (SIP sequences etc.) to solve lower layer or terminal peculiarities, was expressed by some. The intention with this contribution is however to be a temporary annex doc where the problems identified can be considered for other CRs defining needed constraints. The first part of this CR is like an open issue list for the UE that could be edited to fall into 24.229. Interworking aspects should not be a terminal function. 23.207 may also be impacted for COPS. This CRs second part will be for a continued discussion in next joint N WGs meeting in order to also define what falls into the N1 responsibility.

Conclusion : Revised to 1307

N1-011307 : 24.229,   Nokia, Type: CR, Title: SDP usage and Session Setup

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion: E-mail approval,- Rejected

N1-011165 : 24.229,   Nokia, Type: CR, Title: I-CSCF role in MT session initiation transaction

Discussion :

Conclusion : Withdrawn

N1-011166 : 24.229,   Nokia, Type: CR, Title: I-CSCF role in Inbound hiding case

Discussion : Confusion around incoming request was clarified as a gateway to the home domain. Why bother specifying this ? Spiral or looping possibilities here ?

Conclusion : Rejected

N1-011167 : 24.229, Nokia, Type: CR, Title: I-CSCF role in Outbound hiding case

Discussion :

Conclusion : Withdrawn

N1-011186 : 24.228, Nortel, Type: CR, Title: Remove BGCF from Record-Route in PSTN-T flow

Discussion : To control the duration of the call for CDRs, there is a need to keep that Record Route header. Stage 3 flows should allow more details than the stage 2, without beeing inconsistent. It is optional for BGCF to be in the route? Different inconsistencies with working assumptions was pointed out. This is only an example flow.

Conclusion : Agreed

N1-011301 : Lucent, Type: REPORT, Title: Report of ad-hoc discussions on IMS-CCR

Discussion :

Conclusion : Noted

N1-011308 : Siemens / Lucent / Ericsson / Motorola, Type: DISCUSSION, Title: Identification of Users within IMS Entities

Discussion : Linked docs are 1114, 1115, 11158 and 1301. An outcome of discussion from the breakout IMS meeting on Wednesday. Proposed to go into 24.228 as guidance in an annex. CLIP related to Remote Party ID (RPI) header was discussed, with no privacy included. Also encryption or not of To and From header was an issue. Question 7 discussed extensively. Question 8 is proposed to keep the first sentence and have an editors note (noted with 'dying') on the rest to be clarified with S3.

Conclusion : Revised to 1319

N1-011319 : Siemens / Lucent / Ericsson / Motorola, Type: DISCUSSION, Title: Identification of Users within IMS Entities

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion: E-mail approval,- Agreed

N1-011335 : 24.228, Nokia, Type: CR, Title: The use of Request URI, Route, Record Route and Contact headers in signalling flows

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

8.9   IMS Call clearing

None provided

8.10   IMS Abnormal cases and error handling

N1-011118 : 24.228, Lucent, Type: CR, Title: Correct the Flows for 8.3.8 in 24.228

Discussion :

Conclusion : Not treated due to lack of time.

N1-011187 : 24.228, Nortel, Type: CR, Title: Mobile Terminating call procedures to unregistered IMS subscriber

Discussion :

Conclusion : Not available

8.11   IMS Editorials and other minor issues

N1-011107 : 24.229,   Lucent, Type: CR, Title: CR to 24.229: An analysis of the requirements for the Date header

Discussion :

Conclusion : Not available

N1-011108 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: General editorial issues

Discussion : Revision of the doc that failed the recent e-mail approval. Where is the ref to the INFO method? It is not used yet. References to the extension Session timing exists, but why ? Because it is referred to in the main body.

Conclusion : Not treated due to lack of time.

N1-011109 : 24.229,   Lucent, Type: CR, Title: CR to 24.229: Editorial corrections

Discussion :

Conclusion : Agreed

N1-011110 : 24.228,   Lucent, Type: CR, Title: CR to 24.228: Minor corrections

Discussion :

Conclusion : Not available

N1-011177 : 24.229,   Siemens/Nokia et all, Type: CR, Title: Proposal for the structure of section 9 in 24.229

Discussion :

Conclusion : Not available

N1-011230 : 24.228,   Motorola, Type: CR, Title: 24.228v120 "Signalling flows for the IP multimedia call controlbased on SIP and SDP"

Discussion :

Conclusion : Not treated due to lack of time.

8.12   IMS Emergency calls

None provided.

8.13   Other IMS issues

N1-011098 : Hutchison 3g, Type: DISCUSSION, Title: The Use of Network Domain Security for protection of SIP signalling messages

Discussion :

Conclusion : Not treated due to lack of time.

N1-011159 : 24.228,   Nokia, Type: CR, Title: Document restructuring

Discussion : Almost the same as earlier submitted to N1#18 to re-structure 24.228. Hiding and non-hiding cases added as well as error handling chapters. Should the flows be according to what the user wants, making 9.2 (error handling) a header type 1,- one for call release and one for session release ? If P-CSCF initiated release disappears chapter 9.2 will disappear. Or should the title of 9.2 be renamed ? Any change should improve the readability for eg designers. Should show only end-point initiated flows. Error cases to be made as level3,- in case no flows will appear the chapter will

disappear, and so reduce a possible further high level restructering. Hiding and non-hiding should generally be done in parallell with the same structure,- on all levels ? Level 2 could deviate ? And adhoc will revise this doc during the evening of 27/8. Restructuring to separate the hiding and non-hiding case and to add error case handling at the end of each section.

Conclusion : Revised to1269

N1-011269 : 24.228,   Nokia, Type: CR, Title: Document restructuring

Discussion : Changed many issues. After CN1#19 the agreed contributions will be implemented as 24.228v1.3.0 and this contribution will be implemented as 24.228v1.4.0. Contributions to CN1#19bis should be made against 24.228v1.4.0. The changes in signalling flows to be found in the document. The annex was not changed, but is expected to change when annex parts are moved to normative parts at any later time separate from this title discussion. Annex A should however be renumbered to be in line with the normative number. Unused sections when under formal change control can not be changed but gets 'void'. Should this one time restructure be postponed to eg after Rel-5 planning in the SA#13 plenary, to get all aspects in for saving editing and reviewing time ? Should not matter if items are eg delayed. 24.228 should have been in version 2.0.0 for CN#13 according to current WI.

The document seems agreeable, also updating the annex accordingly and simultaneously. Regarding timing the 'sooner the better' was preferred for v1.4.0, but exact dates was needed for practical considerations. Nokia volunteered to do the v1.4.0 restructering by ? of September 2001 (sufficient number of days before next N1 meeting). 24.228 was agreed to be delayed and presented to CN#14 as version 2.0.0 for putting it under formal change control. WI IMS 1273 is then delayed by three months.

Conclusion : Agreed

N1-011188 : 24.228,   Nortel, Type: CR, Title: Awareness of Local SIP Services Procedure

Discussion :

Conclusion : Withdrawn

N1-011195 : 24.229,   Siemens/ Nokia/ BT/ Vodaf/ Lucent/ AT&TW, Type: CR, Title: Structure of 24.229 section 9

Discussion : Result from 2 telephone conferences. No other CRs on the structure for this meeting. Any CRs affecting this new chapter 9 in 24.229 has to be allocated according to this layout if this new structure is agreed. It is left to the rapporteur to adopt the latest 24.229 draft to this new layout.

Conclusion : Agreed

N1-011237 : Vodafone, Type: DISCUSSION, Title: Addition of CELL ID to SIP Messages

Discussion : At the last CN1 meeting in Dresden, a brief discussion took place with regard to document N1-011011 (S2-011697)- a liaison statement from SA2. The following SIP messages can be identified as those in which the Cell ID should be added: 1)REGISTER (in order to pass the Cell ID to the S-CSCF during a registration procedure), 2)INVITE (in order to pass the Cell ID to the S-CSCF during an MO session establishment procedure), 3)100 TRYING in response to an INVITE or a 183 SESSION PROGRESS in response to an INVITE or 200 OK in response to an INVITE? (in order to pass the Cell ID to the S-CSCF during a MT session establishment procedure). A more difficult issue to resolve is the one of how to add the Cell ID to these messages? It is vitally important that we don't generate the need for any extra signalling across the radio interface. In addition to this, there doesn't appear to be any suitable existing headers in SIP that could be utilised for this purpose.

Cell ID is achieved at cell update, but not known to the Mobile unless provided by RAN broadcast (at more cells possible the last registered should be used) in Rel-5. R2 result needed, but for N1 assumed to be existing. Not only emergency needs the cell ID. Encoding should be either as a header or in a field. Introducing header is a more difficult, so payload in the SIP message is the most obvious way. Can REGISTER carry payload ? For the MT call which of the three messages iin 3) above? 100 TRYING is not end to end , so useless. 200 is after ringing, so 183 seems the logical choice.

Conclusion : Noted

N1-011242 : Ericsson, Type: DISCUSSION, Title: Sip Requirements to the IETF

Discussion :

Conclusion : Not treated due to lack of time.

8.14   Other Rel-5 issues

N1-011099: Lucent, Type: INFO, Title: Summary of current IETF documents on SIP

Discussion : The summary docs are missing some drafts not found the way into the list after the recent IETF meeting.

Conclusion : Noted.

N1-011100 : Lucent, Type: INFO, Title: Summary of current IETF documents on SIPPING

Discussion :

Conclusion : Noted.

N1-011101 : Lucent, Type: INFO, Title: Summary of current IETF documents on MMUSIC

Discussion :

Conclusion : Noted.

N1-011102 : Lucent, Type: INFO, Title: Summary of current IETF documents on SIMPLE

Discussion :

Conclusion : Noted.

N1-011103 : Lucent, Type: TS, Title: Current draft 24.229: "IP Multimedia Call Control Protocol based on SIP and SDP"

Discussion :

Conclusion : Noted

N1-011202 : 24.008v500   CR#445, Cat=C,   Siemens, Type: CR, Title: Alternative QoS values

Discussion :

Conclusion : Not treated due to lack of time.

N1-011208 : 24.008v500   CR#449, Cat=B,   Ericsson, Type: CR, Title: An adaptation for GPRS-LCS

Discussion :

Conclusion : Not treated due to lack of time.

N1-011209 : 44.064v410   CR#002, Cat=B,   Ericsson, Type: CR, Title: Introduction of a new TOM protocol discriminator for RRLP

Discussion :

Conclusion : Not treated due to lack of time.

N1-011224 : 24.008v500   CR#458, Cat=B,   Nokia, Type: CR, Title: Introduction of Source Statistics Descriptor

Discussion : Revised to 1305 without presentation.

Conclusion : Withdrawn

N1-011305 : 24.008v500   CR#458r1, Cat=B,   Nokia, Type: CR, Title: Introduction of Source Statistics Descriptor

Discussion :

Conclusion : Not available

N1-011231 : 24.008v500   CR#459, Cat=B, Motorola, Type: CR, Title: Definition of QoS negotiable parameters

Discussion :

Conclusion : Not treated due to lack of time.

N1-011232 : 24.008v500   CR#460, Cat=B, Motorola, Type: CR, Title: Binding Information in Protocol Configuration Options

Discussion : Revised to 1304 without presentation.

Conclusion : Withdrawn

N1-011304 : 24.008v500   CR#460r1, Cat=B, Motorola, Type: CR, Title: Binding Information in Protocol Configuration Options

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Rejected

N1-011236 : 24.008v500   CR#462, Nokia, Type: CR , Title: Addition of new GMM cause code "GPRS services not allowed in the LA"

Discussion :

Conclusion : Not treated due to lack of time.

N1-011275 : Siemens, Type: DISCUSSION, Title: Clarification of the Use of the Protocol Configuration Options in the MS

Discussion :

Conclusion : Not treated due to lack of time.

N1-011287 : 24.008v500   CR#471, Cat=B, Motorola, Type: CR, Title: Introduction of Alternative QoS

Discussion :

Conclusion : Not treated due to lack of time.

9   LS OUT

N1-011249:   Lucent (Keith), To: S3   Cc: S2, S5, N4, N5, Type: LS OUT ,   Title: [DRAFT] Response to Liaison Statement on "Progressing the work in SA3 and CN1 on the IP Multimedia core network subsystem"

Discussion : Some text to be deleted.

Conclusion : Revised to 1344

N1-011344:   Lucent (Keith), To: S3   Cc: S2, S5, N4, N5, Type: LS OUT ,   Title: [DRAFT] Response to Liaison Statement on "Progressing the work in SA3 and CN1 on the IP Multimedia core network subsystem"

Discussion :

Conclusion : Agreed

N1-011250:   Lucent (Keith), To: S3   Cc: S2, N4, Type: LS OUT ,   Title: [DRAFT] Liaison Statement on "Flows related to Authenticated Registrations and Re-Registrations"

Discussion :

Conclusion : Agreed

N1-011251:   Motorola (Apostolis), To: , Type: LS OUT ,   Title: Response to LS "On the use of Network Domain Security for protection of SIP signalling messages"

Discussion : Encryption or not is not up to N1 to decide, but could a statement as it is acceptable with no encryption in the Rel-5 timeframe. To be postponed for the joint N meetings in Brighton ? Should this LS OUT only comment on N1 aspects in question ? Only keep the last 2 paragraphs.

Conclusion : Revised to 1332

N1-011332:   Motorola (Apostolis), To: , Type: LS OUT ,   Title: Response to LS "On the use of Network Domain Security for protection of SIP signalling messages"

Discussion : The revison marks to be accepted.

Conclusion : Agreed

N1-011252:   Qualcomm (Peng), To:T1 Cc: R2 , Type: LS OUT ,   Title: Liaison Statement on "Reply to LS on aborting of RRC connection during CN procedures"

Discussion : The 4th paragraph was discussed and will be modified.

Conclusion : Revised to 1333

N1-011333:   Qualcomm (Peng), To:T1 Cc: R2 , Type: LS OUT ,   Title: Liaison Statement on "Reply to LS on aborting of RRC connection during CN procedures"

Discussion :

Conclusion : Agreed

N1-011253:   Vodafone (Duncan), To: R2, T1 Cc: , Type: LS OUT ,   Title: Draft Proposed LS on UE behaviour when network fails Authentication procedure

Discussion :

Conclusion : Agreed

N1-011256:   Siemens (Robert), To: GERAN2 Cc: R3, S4, Type: LS OUT ,   Title: [DRAFT] Reply to the LS on GERAN architecture and impacts on the Iu-cs interface

Discussion :

Conclusion : Agreed

N1-011262:   Ericsson (Chen-Ho), To: R2, Type: LS OUT ,   Title: Response to LS (R2-011764) on RRC Establishment Cause mapping

Discussion : Chen raised the issue himself if this LS was really needed ? And instead to do the action.

Conclusion : Withdrawn

N1-011263:   Motorola (Andrew), To: GERAN, S2, S4, N3, Type: LS OUT ,   Title: Draft Reply Liaison Statement on SIP Signalling and Codec Issues

Discussion : Clarifications on words used are needed, and other updates are needed.

Conclusion : Revised to 1334

N1-011334:   Motorola (Andrew), To: GERAN, S2, S4, N3, Type: LS OUT ,   Title: Draft Reply Liaison Statement on SIP Signalling and Codec Issues

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011264:   Ericsson (Chen-Ho), To: S3, T3   Cc: S1, T2, GSMA-SGA, Type: LS OUT ,   Title: Reply LS on rejection of 2G AKA by 3G ME with USIM in UTRAN

Discussion :

Conclusion : Agreed

N1-011267:   Ericsson (Eiko), To: GERAN 2, Type: LS OUT ,   Title: Response to LS (G2-010200) on LCS for GPRS

Discussion : CRs in 1208 and 1209.

Conclusion : Agreed

N1-011285:   Ericsson (Rouzbeh), To: CN   Cc: N4   , Type: LS OUT ,   Title: Liaison Statement on "Amendments to CR on 23.153, for UMTS_AMR_2"

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011286 :   Ericsson (Rouzbeh), To: T, S4 Cc: T2   , Type: LS OUT,   Title: "Introduction Of UMTS_AMR_2 into R99 UE's"

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011291 :   Nokia (Inma), To: R3,   Type: LS OUT,   Title: Answer LS on Priority Selection Criteria of Calls in a Multicall

Discussion :   Reply to 1073. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011309 : Siemens (Frank), To: S2   , Type: LS OUT, Title: Requirements for interworking of IMS MS with pre REL-5

Discussion :   For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Rejected

N1-011313:   Lucent (Keith), To : S1 Cc: S2, S3 , Type: LS OUT ,   Title: [DRAFT] Liaison Statement on privacy of IPv6 addresses allocated to terminals using the IM CN subsystem

Discussion : Not a reply but related to 1155. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011321 : Hutchison 3g, To: S2, R3, R2 , Type: LS OUT, Title: Draft Liaison on Multiple RAB Activation Issue

Discussion :   For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Agreed

N1-011323 : Peng Li, To: R2,   Type: LS OUT, Title: [DRAFT] Liaison Statement on "Reply to Liaison Statement on Signalling Radio Bearer for low priority NAS messages "

Discussion : It should be lossless due to the cost on the load. But could be don't care. Editorials on meeting numbers.

Conclusion : Agreed

N1-011330: Ericsson (Eiko), To: GERAN , Type: LS OUT , Title: Response to LS (GP-011447) on introduction of a new release marker in the Classmark 3 and MS Radio Access Capability IEs

Discussion : For e-mail approval with deadline Friday 7/9-01 at 12:00 CET, with no revisions allowed. Only objections possible on N1 exploder and copied the mediator Per JJ.

Conclusion : E-mail approval,- Rejected

10 Any Other Business

N1-011248 : 23.228, MCC, Type: CR, Title: S3 CR on Network Configuration Independence Mechanism

Discussion : Related CR to 1034, distributed for information without presentation.

Conclusion: Not treated due to lack of time.

E-mail approval for those docs marked herein, before Friday 7th September 12:00 CET. Comments against is to be made on N1 exploder list and to Per,- no discussion. The following documents for e-mail approval:

1329, 1306, 1307, 1312, 1316, 1317, 1319, 1320, 1335, 1304, 1288 plus all the remaining 8 proposed LS OUT.

11 Closing of the meeting

16:00 Friday

Review of dates and hosts for future meetings

Meeting schedule for rest of 2001 and 2002

3GPP Meeting	Date	Place	Host
TSGN#13	**19–21 Sept 2001**	**Beijing, China**	**Lucent Technologies, CWTS**
N1#19bis (only Rel-5 IMS)	2-4 October 2001	Sophia Antipolis, France	ETSI
N1#20	15-19 October 2001	Brighton, UK	Vodafone, BT
N1#20bis (only Rel-5 IMS)	13-15 November 2001	Seattle, USA ?	AT&T Wireless ?
N1#21	26-30 November 2001	Cancun, Mexico	North American friends of 3GPP
TSGN#14	**12-14 December 2001**	**Kyoto, Japan**	
N1#22	14-18 January 2002	?	?
TSGN#15	**6-8 March 2002**	**Korea**	
N1#23	8-12 April 2002	?	?
N1#24	13-17 May 2002	?	?
TSGN#16	**5-7 June 2002**	**?**	
N1#25	29.July-2.August 2002	Finland	Sonera

TSGN#17	4-6 September 2002	France	
N1#26	23-27 September 2002	?	?
N1#27	11-15 November 2002	?	?
TSGN#18	4-6 December 2002	New Orleans, USA	

Annex A Joint meeting report (CN1/ 4) and voting

Please see section 6.2 and 6.3 respectively.

Annex B   List of participants

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Annex C   Agreed CRs

Status	TDoc #	CR #	Rev	CAT	Spec	Tdoc Title	C_Version	Type	WI	Rel
AGREED	N1-011268	A045	1	F	09.18	TMSI status indication	7.3.0	CR	GPRS	R98
AGREED	N1-011169	013		F	29.018	Clarify that no acknowledgement is made for TMSI deallocation	3.6.0	CR	GPRS	R99
AGREED	N1-011170	014		A	29.018	Clarify that no acknowledgement is made for TMSI deallocation	4.0.0	CR	GPRS	Rel-4
AGREED	N1-011171	015		F	29.018	Explicit IMSI detach, abnormal case SGSN side	3.6.0	CR	GPRS	R99
AGREED	N1-011172	016		A	29.018	Explicit IMSI detach, abnormal case SGSN side	4.0.0	CR	GPRS	Rel-4
AGREED	N1-011173	017		F	29.018	Correction of the length of the Service Area Identifcation	3.6.0	CR	GSM/UMTS Interworking	R99
AGREED	N1-011174	018		A	29.018	Correction of the length of the Service Area Identifcation	4.0.0	CR	GSM/UMTS Interworking	Rel-4
AGREED	N1-011111	040		F	23.009	GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case	3.7.0	CR	GSM/UMTS interworking	R99
AGREED	N1-011112	041		A	23.009	GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case	4.1.0	CR	GSM/UMTS interworking	Rel-4
AGREED	N1-011228	046		F	23.009	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	3.7.0	CR	Handover	R99
AGREED	N1-011229	047		A	23.009	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	4.1.0	CR	Handover	Rel-4
AGREED	N1-011310	048	1	F	23.009	Usage of Location Reporting for Relocation and Inter-system Handover	3.7.0	CR	GSM/UMTS interworking	R99
AGREED	N1-011311	049	1	A	23.009	Usage of Location Reporting for Relocation and Inter-system Handover	4.1.0	CR	GSM/UMTS interworking	Rel-4
AGREED	N1-011298	442	1	F	24.008	Old RAI handling	3.8.0	CR	GPRS	R99
AGREED	N1-011299	443	1	A	24.008	Old RAI handling	4.3.0	CR	GPRS	Rel-4
AGREED	N1-011300	444	1	A	24.008	Old RAI handling	5.0.0	CR	GPRS	Rel-5

AGREED	N1-011303	452	1	F	24.008	Modification of session management between MS and network	5.0.0	CR	TEI	Rel-5
AGREED	N1-011340	454	2	F	24.008	Introduction of default codec UMTS_AMR_2	4.3.0	CR	TFO-AMR	Rel-4
AGREED	N1-011221	455		F	24.008	Correction of Protocol configuration options	3.8.0	CR	GPRS	R99
AGREED	N1-011222	456		A	24.008	Correction of Protocol configuration options	4.3.0	CR	GPRS	Rel-4
AGREED	N1-011223	457		A	24.008	Correction of Protocol configuration options	5.0.0	CR	GPRS	Rel-5
AGREED	N1-011254	463		F	24.008	Clarification of 8-PSK power class coding	3.8.0	CR	EDGE	R99
AGREED	N1-011255	464		A	24.008	Clarification of 8-PSK power class coding	4.3.0	CR	EDGE	Rel-4
AGREED	N1-011272	465		A	24.008	Clarification of 8-PSK power class coding	5.0.0	CR	EDGE	Rel-5
AGREED	N1-011338	467	2	C	24.008	Definition of new DTM multislot classes	4.3.0	CR	DTM	Rel-4
AGREED	N1-011339	468	2	A	24.008	Definition of new DTM multislot classes	5.0.0	CR	DTM	Rel-5
AGREED	N1-011292	472		F	24.008	Remove references to specific sections of 25.331	3.8.0	CR	TEI	R99
AGREED	N1-011293	473		A	24.008	Remove references to specific sections of 25.331	4.3.0	CR	TEI	Rel-4
AGREED	N1-011302	474		A	24.008	Remove references to specific sections of 25.331	5.0.0	CR	TEI	Rel-5
AGREED	N1-011341	475	1	F	24.008	Introduction of default codec UMTS_AMR_2	5.0.0	CR	TFO-AMR	Rel-5
AGREED	N1-011281	A153		F	04.64	Correction of cross-reference errors	6.8.0	CR	TEI	R97
AGREED	N1-011199	A074		F	04.65	Conditions for header compression	8.1.0	CR	GPRS	R99
AGREED	N1-011200	001		A	44.065	Conditions for header compression	4.0.0	CR	GPRS	Rel-4

CRs and LSs OUT for e-mail agreement

TDoc #	Tdoc Title	WI	Rel	Type	CAT	Spec	CR #	Rev	Comments
N1-011334	Draft Reply Liaison Statement on SIP Signalling and Codec Issues			LS OUT					Related to 1076. To: GERAN, S2, S4, N3. Revised from 1263. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011335	Use of Request URI, Route, Record-Route and Contact header			CR					For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011285	Liaison Statement on "Amendments to CR on 23.153, for UMTS_AMR_2"	TFO-AMR		LS OUT					To: CN Cc: N4 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011286	Liaison Statement on "Introduction Of UMTS_AMR_2 into R99 UE's"	TFO-AMR		LS OUT					To: T, S4 Cc: T2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET
N1-011288	Contact in 200 OK of REGISTER	IMS-CCR	Rel-5	CR		24.228			Revised from 1178. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011291	Answer LS on Priority Selection Criteria of Calls in a Multicall			LS OUT					Linked to 1073. To: R3 For e-mail approval with deadline

TDoc #	Tdoc Title	Source	Spec	Rel	CAT	CR#	Rev	Type	Comments
									Friday 7/9-01 at 12:00 CET.
N1-011304	Binding Information in Protocol Configuration Options	IMS-CCR	Rel-5	CR	B	24.008	460	1	Revised from 1232. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011306	CR to 24.228: QoS flows in Mobile Originating	IMS-CCR	Rel-5	CR		24.228			Revised from 1117. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011307	SDP usage and Session Setup	IMS-CCR	Rel-5	CR		24.229			Revised from 1276. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011309	Requirements for interworking of IMS MS with pre REL-5			LS OUT					To: S2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011312	CR to 24.229: Subsequent requests at the P-CSCF	IMS-CCR	Rel-5	CR		24.229			Revised from 1123. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011313	Liaison Statement on privacy of IPv6 addresses allocated to terminals using the IM CN subsystem			LS OUT					Related to 1155. To : S1 Cc: S2, S3 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011316	#2 Flow updates	IMS-CCR	Rel-5	CR		24.228			Revised from 1156. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011317	#1 Flow updates	IMS-CCR	Rel-5	CR		24.228			Revised from 1157. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011319	Identification of Users within IMS Entities		Rel-5	DISC					Revised from 1308. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011320	Call Transfer Procedures	IMS-CCR	Rel-5	CR		24.228			Revised from 1161. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011321	Liaison on Multiple RAB Activation Issue	TEI5		LS OUT					Revised from 1280. To: S2, R3, R2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
N1-011329	Network Initiated De-Registration	IMS-CCR	Rel-5	CR		24.228			Revised from 1289. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET
N1-011330	Response to LS (GP-011447) on introduction of a new release marker in the Classmark 3 and MS Radio Access Capability IEs			LS OUT					To: GERAN For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.

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-	Network Configuration	S3								LS	S3-010398, To:	NOTED

011034	Independence Mechanism										IN	CN1 and SA2 Forwarded from CN1#18	
N1-011035	Liaison Statement on "Progressing the work in SA3 and CN1 on the IP Multimedia core network subsystem"	S3									LS IN	S3-010404, To: CN1 Forwarded from CN1#18	LS OUT i 1249 by Keith
N1-011037	Flows related to Authenticated Registrations and Re-Registrations	S3									LS IN	S3-010382, To: S2, N1, N4 Forwarded from CN1#18	LS OUT i 1250 by Keith
N1-011039	Stage 2 information flows for authenticated registration and re-registration in the IMS	S3									LS IN	S3-010387, To: S2, N1, N4 Forwarded from CN1#18	LS OUT i 1250 by Keith
N1-011040	Requirements related to private and public identities in IMS	S3									LS IN	S3-010402, To:SA2, CN4 Cc:SA1, CN1 Forwarded from CN1#18	NOTED
N1-011041	On the use of Network Domain Security for protection of SIP signalling messages	S3									LS IN	S3-010403, To:SA2, CN4, CN1 Forwarded from CN1#18	LS OUT i 1251by Apostolis
N1-011057	Agenda	CN1 chairman									AGE NDA		AGREED
N1-011058	SA_12_Draft_Report_V004	MCC									REP ORT	The newer version 005 became available.	REVISED TO 1271
N1-011059	LS on terminology clarifications	GERAN#5									LS IN	NP-010244, The CN Working groups are tasked by CN to respect these terms and check that the Rel-5 specification are correctly aligned. Corrective CRs to be produced by the WGs as required.	NOTED
N1-011060	Wireless access to Internet	ETSI project BRAN									LS IN	BRAN24d114 To: SA CC: N1, N2	NOTED
N1-011061	LS on Guidance needed concerning cell search and multiple PLMN identities on one carrier	R2									LS IN	R2-011336, To: R1, R4 CC: N1	NOTED
N1-011062	LS on aborting of RRC connection during CN procedures	T1									LS IN	T1-010222, To: N1	LS OUT i 1252 by Peng
N1-011063	LS on clarification of UE behaviour when network fails authentication procedure	T1									LS IN	T1#11(01)0224, To: N1	LS OUT i 1253 by Duncan
N1-011064	Clarification of 8-PSK power class coding	GP									LS IN	GP-011317, To: N1	1254,1255 and 1272 allocated for the CRs

N1-011065	LS: GERAN architecture and impacts on the Iu-cs interface	GERAN2								LS IN	G2-010203, To: RAN3, N1, SA4 Cc: GERAN	LS OUT i 1256 by Robert
N1-011066	LS on Modification of CM3 and MS RAC: definition of new DTM multislot classes	GERAN								LS IN	GP-011426, To: N1	1257, 1258 and 1273 allocated for the CRs
N1-011067	Response to LS on "Duplication avoidance protocol moved from 04.18 to 24.007"	GERAN								LS IN	GP-011436, To: N1	1259 and 1260 allocated for the CRs
N1-011068	LS on introduction of a new release marker in the Classmark 3 and MS Radio Access Capability IEs	GERAN								LS IN	GP-011447, To: N1	1261 and 1274 allocated for the CR
N1-011069	Authentication between "GERAN" MS and 3G CN	GERAN								LS IN	GP-011452, To: N1, SA3	NOTED
N1-011070	Liaison Statement reply to CN1 on Introduction of AMR-WB	N4								LS IN	N4-010702, To: N1, CN cc:SA4, GERAN	NOTED
N1-011071	Response to LS (N1-010813) on RRC establish cause mapping	R2								LS IN	R2-011764, To: N1	LS OUT i 1262 by Chen
N1-011072	Paging during overload situations	R3								LS IN	R3-011613, To: N1 cc: R2	NOTED
N1-011073	Answer LS on Priority Selection Criteria of Calls in a Multicall	R3								LS IN	R3-011847, To: N1 cc: R2	LS OUT i 1291 by Inma
N1-011074	Liaison Statement on "Answer to LS UTRAN Initiated Rab Renegotiation/Reconfiguration"	R3								LS IN	R3-012095, To: N1 cc: SA2	NOTED
N1-011075	LS "SA2 response to CN1 response to SA2 liaison on regarding conformance test requirements for application layer test"	S2								LS IN	S2-011455, To: N1, T2, SA1	NOTED
N1-011076	Liaison Statement SIP Signalling and Codec Issues	Joint GERAN/ SA2								LS IN	OSV-01046 To: SA2, N1, SA4 Cc:GERAN	LS OUT i 1263 by Andrew
N1-011077	Reply LS on the handling of retransmitted authentication requests	S3								LS IN	S3-010230 To: N1	NOTED
N1-011078	Reply LS on THRESHOLD Check at RRC connection establishment	S3								LS IN	S3-010273 To: N1, R2	NOTED
N1-011079	Reply on Introduction of AMR-WB	S4								LS IN	S4-010378 To: N1, N4, GERAN	NOTED
N1-011080	Liaison Statement reply to SA4 on Introduction of Codec Type UMTS_AMR_2	N4								LS IN	N4-010788 To:TSG_SA WG4 cc:N1, CN	NOTED
N1-011081	Liaison Statement response on "Inter-	N4								LS IN	N4-010919 To:GERAN2, SA2	NOTED

	BSC/RAN Network Assisted Cell Change"											Cc:GERAN, RAN2, RAN3, N1	
N1-011082	LS to SA3 on Signalling for user authentication	N4									LS IN	N4-010969 To: SA3 Cc: N1, SA2	NOTED
N1-011083	Presence of IMSI TLLI or P-TMSI in SGSN context request message	N4									LS IN	N4-010984 To: SA2 Cc: N1	NOTED
N1-011084	Answer LS to R2 on Guidance needed concerning cell search and multiple PLMN identities on one carrier	R1									LS IN	R1-010671 To: RAN2 Cc:RAN4, N1, SA 1	NOTED
N1-011085	LS to S2 on Stop Direct Report	R3									LS IN	R3-011827 To: SA2 Cc:R2, N1, SA1	NOTED
N1-011086	Response to LS on Guidance needed concerning cell search and multiple PLMN identities on one carrier	R4									LS IN	R4-010746 To: R2 Cc:R1, N1, SA1	NOTED
N1-011087	IP Based Multimedia Services Framework Report	S1									LS IN	S1-010869 To:SA, T, CN, RAN, GERAN, All Working Groups Cc:UMTS Forum, GSM Association SerG	NOTED
N1-011088	Reply to SA2 LS on Cell ID in SIP messages	S1									LS IN	S1-010872 To: S2, S3 Cc:N1, C4, T2, R2, GERAN 2	NOTED
N1-011089	Reply to LS on rejection of 2G authentication and key agreement by 3G ME with USIM in UTRAN	S3									LS IN	S3-010232 To:T3, S1, GSMA-SG Cc:T2, N1	LS OUT i 1264 by Chen
N1-011090	Reply LS to GERAN GP 011452 on authentication between "GERAN" MS and 3G CN	S3									LS IN	S3-010374 To: GERAN Cc: N1	NOTED
N1-011091	Liaison Reply (Reference: N4-010702 = S4-010337) "AMR-WB on TDM networks via TFO" (Tandem Free Operation)	S4									LS IN	S4-010436 To: N4 Cc: SA2, N1, CN, GERAN	NOTED
N1-011092	LS in reply to SA2 Liaison "WI on the End-to-End QoS Architecture for Release 5" (S2-011098)	S5									LS IN	S5-010412 To: SA2 Cc:SA3, SA5, CN1, CN3, CN4, RAN3	NOTED
N1-011093	Reply to LS on basic and advanced services examples (S1-010271/ S5-010302)	S5									LS IN	S5-010413 To: SA1 Cc:SA, SA2, SA3, T2, T3, CN1, CN3, CN4, CN 5	NOTED
N1-011094	LS Concerning Reviews of UE Functionality Split	T2									LS IN	T2-010426 To:SA1, SA3, T3 Cc:SA, SA2, SA4, T, CN1	NOTED
N1-011095	LS on inter-BSC/RAN Network Assisted Cell Change	GERAN2									LS IN	G2-010196 To:SA2, RAN2, RAN3, CN1, CN4	NOTED

Tdoc	Title	Source	Spec	Work Item	Version	Release			Type	Comment	Status
										Cc:GERAN	
N1-011096	LCS for GPRS	GERAN2							LS IN	G2-010200 To:N1 Cc:GERAN	LS OUT i 1267 by Eiko
N1-011097	Multiple RAB Activation Issue	Hutchison 3g		TEI5					DISCUSSION		NOTED
N1-011098	The Use of Network Domain Security for protection of SIP signalling messages	Hutchison 3g		IMS-CCR					DISCUSSION		Not treated due to lack of time.
N1-011099	Summary of current IETF documents on SIP	Lucent Technologies / Keith Drage		IMS-CCR		Rel-5			INFO		NOTED
N1-011100	Summary of current IETF documents on SIPPING	Lucent Technologies / Keith Drage		IMS-CCR		Rel-5			INFO		NOTED
N1-011101	Summary of current IETF documents on MMUSIC	Lucent Technologies / Keith Drage		IMS-CCR		Rel-5			INFO		NOTED
N1-011102	Summary of current IETF documents on SIMPLE	Lucent Technologies / Keith Drage		IMS-CCR		Rel-5			INFO		NOTED
N1-011103	Current draft 24.229: "IP Multimedia Call Control Protocol based on SIP and SDP"	Lucent Technologies / Keith Drage	24.229	IMS-CCR	0.4.0	Rel-5			TS		NOTED
N1-011104	CR to 24.228: A review of the editor's notes in clause 7.4	Lucent Technologies / Keith Drage	24.228	IMS-CCR	1.2.0	Rel-5			CR	Only agreed the 2nd editors note (first editors note is rejected)	AGREED
N1-011105	CR to 24.228: A review of the editor's notes in clause 8.1	Lucent Technologies / Keith Drage	24.228	IMS-CCR	1.2.0	Rel-5			CR		Not treated due to lack of time.
N1-011106	CR to 24.228: A review of the editor's notes in clause 8.2	Lucent Technologies / Keith Drage	24.228	IMS-CCR	1.2.0	Rel-5			CR		Not treated due to lack of time.
N1-011107	CR to 24.229: An analysis of the requirements for the Date header	Lucent Technologies / Keith Drage	24.229	IMS-CCR	0.4.0	Rel-5			CR		Not available
N1-011108	CR to 24.228: General editorial issues	Lucent Technologies / Keith	24.228	IMS-CCR	1.2.0	Rel-5			CR		Not treated due to lack of

		Drage									time.
N1-011109	CR to 24.229: Editorial corrections	Lucent Technologies / Keith Drage	24.229	IMS-CCR	0.4.0	Rel-5			CR		AGREED
N1-011110	CR to 24.228: Minor corrections	Lucent Technologies / Keith Drage	24.228	IMS-CCR	1.2.0	Rel-5			CR		Not available
N1-011111	GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case	Lucent Technologies / Penny Bright	23.009	GSM/ UMTS interw orking	3.7.0	R99	F	040	CR	To be reviewed by CN4 this week. Confirmation from CN4 by Friday this week.	AGREED
N1-011112	GSM to UMTS Handover: Location Reporting in 3G_MSC-B for no call up case	Lucent Technologies / Penny Bright	23.009	GSM/ UMTS interw orking	4.1.0	Rel-4	A	041	CR	To be reviewed by CN4 this week. Confirmation from CN4 by Friday this week.	AGREED
N1-011113	CR to 24.228: S-CSCF Processing theINVITE With UE Request Privacy	Lucent Technologies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5			CR		WITHDRA WN
N1-011114	CR to 24.228: From and To header with User Privacy Requirement	Lucent Technologies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5			CR		WITHDRA WN
N1-011115	CR to 24.228: Remote-Party-Id field	Lucent Technologies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5			CR		NOTED
N1-011116	CR to 24.228: P-CSCF processing INVITE when From header is encrypted	Lucent Technologies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5			INFO		NOTED
N1-011117	CR to 24.228: QoS flows in Mobile Originating	Lucent Technologies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5			CR		REVISED TO 1306
N1-011118	Correct the Flows for 8.3.8 in 24.228	Lucent Technologies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5			CR		Not treated due to lack of time.
N1-011119	CR to 24.229: Handling of Contact header by the S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	0.4.0	Rel-5			CR		REJECTE D
N1-011120	CR to 24.229: I-CSCF processing of the REGISTER request	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	0.4.0	Rel-5			CR		REVISED TO 1278
N1-011121	CR to 24.229: I-CSCF processing of the initial INVITE request	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	0.4.0	Rel-5			CR		REJECTE D

N1-011122	CR to 24.229: Procedures at the P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	0.4.0	Rel-5				CR		REVISED TO 1283
N1-011123	CR to 24.229: Subsequent requests at the P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	0.4.0	Rel-5				CR		REVISED TO 1312
N1-011124	CR to 24.228: Handling of From header by the P-CSCF	Lucent Technologies / Milo Orsic	24.228	IMS-CCR	1.2.0	Rel-5				CR		REJECTED
N1-011125	CR to 23.218: Pre-paid Service Control Information Flows	Lucent Technologies / Michel Grech	23.218	IMS-CCR	0.5.2	Rel-5				CR		Not treated due to lack of time.
N1-011126	CR to 23.218: Information flows for IMS service examples: Call Forwarding Service Control Scenarios	Lucent Technologies / Michel Grech	23.218	IMS-CCR	0.5.2	Rel-5				CR		Not treated due to lack of time.
N1-011127	Clarification of ambiguity in the description of PLMN Background Search	Ericsson	23.122	TEI	3.7.0	R99	F	035		CR		REJECTED
N1-011128	Clarification of ambiguity in the description of PLMN Background Search	Ericsson	23.122	TEI	4.1.0	Rel-4	A	036		CR		REJECTED
N1-011129	Clarification to REQUEST PDP CONTEXT ACTIVATION	Ericsson	24.008	GPRS	3.8.0	R99	F	397	3	CR		REJECTED
N1-011130	Clarification to REQUEST PDP CONTEXT ACTIVATION	Ericsson	24.008	GPRS	4.3.0	Rel-4	A	398	3	CR		REJECTED
N1-011131	Clarification to REQUEST PDP CONTEXT ACTIVATION	Ericsson	24.008	GPRS	5.0.0	Rel-5	A	429		CR		REJECTED
N1-011132	Clarification of required action on RAND and Timers T3218, T3316	Ericsson	24.008	Security	3.8.0	R99	F	430		CR		REJECTED
N1-011133	Clarification of required action on RAND and Timers T3218, T3316	Ericsson	24.008	Security	4.3.0	Rel-4	A	431		CR		REJECTED
N1-011134	Clarification of required action on RAND and Timers T3218, T3316	Ericsson	24.008	Security	5.0.0	Rel-5	A	432		CR		REVISED TO 1297
N1-011135	N1 specification responsibility after TSG#12	MCC								OTHER		Action on Nokia to find a rapporteu for 03.34.
N1-011136	Clarification on the initial cell update procedure	Siemens AG	04.08	GPRS	6.15.0	R97	F	A1 109		CR		REJECTED
N1-011137	Clarification on the initial cell update procedure	Siemens AG	04.08	GPRS	7.13.0	R98	A	A1 111		CR		REJECTED
N1-011138	Clarification on the initial cell update procedure	Siemens AG	24.008	GPRS	3.8.0	R99	A	433		CR		REJECTED

N1-011139	Clarification on the initial cell update procedure	Siemens AG	24.008	GPRS	4.3.0	Rel-4	A	434	CR		REJECTED
N1-011140	Clarification on the initial cell update procedure	Siemens AG	24.008	GPRS	5.0.0	Rel-5	A	435	CR		REJECTED
N1-011141	Interruption of timer T3302	Siemens AG	04.08	GPRS	6.15.0	R97	F	A1113	CR		REJECTED
N1-011142	Interruption of timer T3302	Siemens AG	04.08	GPRS	7.13.0	R98	A	A1115	CR		REJECTED
N1-011143	Interruption of timer T3302	Siemens AG	24.008	GPRS	3.8.0	R99	A	436	CR	Withdrawn before the meeting started.	WITHDRAWN
N1-011144	Interruption of timer T3302	Siemens AG	24.008	GPRS	4.3.0	Rel-4	A	437	CR	Withdrawn before the meeting started.	WITHDRAWN
N1-011145	Interruption of timer T3302	Siemens AG	24.008	GPRS	5.0.0	Rel-5	A	438	CR	Withdrawn before the meeting started.	WITHDRAWN
N1-011146	Fallback to voice for multimedia call	Hutchison 3g	24.008	TEI	3.8.0	R99	F	439	CR	Withdrawn before the meeting started.	WITHDRAWN
N1-011147	Fallback to voice for multimedia call	Hutchison 3g	24.008	TEI	4.3.0	Rel-4	F	440	CR	Changed cat A to F and 6.1 to 7.1 when 1146 was withdrawn.	WITHDRAWN
N1-011148	Fallback to voice for multimedia call	Hutchison 3g	24.008	TEI	5.0.0	Rel-5	A	441	CR		WITHDRAWN
N1-011149	Old RAI handling	NTT Software	24.008	GPRS	3.8.0	R99	F	442	CR		REVISED TO 1298
N1-011150	Old RAI handling	NTT Software	24.008	GPRS	4.3.0	Rel-4	A	443	CR		REVISED TO 1299
N1-011151	Old RAI handling	NTT Software	24.008	GPRS	5.0.0	Rel-5	A	444	CR		REVISED TO 1300
N1-011152	IPv6 addresses in SDP	Ericsson	24.229	IMS-CCR	0.4.0	Rel-5			CR		AGREED
N1-011153	Transport of Location information in SIP messages	Ericsson							DISC		NOTED
N1-011154	Network Initiated Deregistration of roaming subscriber	Ericsson	24.228	IMS-CCR	1.2.0	Rel-5			CR		WITHDRAWN
N1-011155	Anonymity	Nokia/ Bajkó Gábor	24.228	IMS-CCR	1.2.0	Rel-5			CR		LS OUT i 1313 by Keith
N1-011156	#2 Flow updates	Nokia/ Krisztian Kiss	24.228	IMS-CCR	1.2.0	Rel-5			CR		REVISED TO 1316
N1-011157	#1 Flow updates	Nokia/ Krisztian Kiss	24.228	IMS-CCR	1.2.0	Rel-5			CR		REVISED TO 1317
N1-011158	The content of To: and From: fields	Nokia/ Bajkó Gábor	24.228	IMS-CCR	1.2.0	Rel-5			CR		AGREED
N1-011159	Document restructuring	Nokia/ Bajkó Gábor	24.228	IMS-CCR	1.2.0	Rel-5			CR		REVISED TO 1269
N1-011160	re-registration - user currently registered (non-hiding)	Nokia/ Krisztian Kiss	24.228	IMS-CCR	1.2.0	Rel-5			CR		AGREED
N1-011161	Call Transfer Procedures	Nokia/ Krisztian Kiss	24.228	IMS-CCR	1.2.0	Rel-5			CR		REVISED TO 1320
N1-011162	SDP usage and Session Setup	Nokia/ Bajkó	24.229	IMS-CCR	0.4.0	Rel-5			CR		REVISED TO 1276

		Gábor										
N1-011163	I-CSCF role in Registration and non-hiding case	Nokia/ Bajkó Gábor	24.229	IMS-CCR	0.4.0	Rel-5				CR		REVISED TO 1279
N1-011164	I-CSCF role in Registration and hiding case	Nokia/ Bajkó Gábor	24.229	IMS-CCR	0.4.0	Rel-5				CR		REVISED TO 1282
N1-011165	I-CSCF role in MT session initiation transaction	Nokia/ Bajkó Gábor	24.229	IMS-CCR	0.4.0	Rel-5				CR		WITHDRAWN
N1-011166	I-CSCF role in Inbound hiding case	Nokia/ Bajkó Gábor	24.229	IMS-CCR	0.4.0	Rel-5				CR		REJECTED
N1-011167	I-CSCF role in Outbound hiding case	Nokia/ Bajkó Gábor	24.229	IMS-CCR	0.4.0	Rel-5				CR		WITHDRAWN
N1-011168	TMSI status indication	Siemens	09.18	GPRS	7.3.0	R98	F	A045		CR		REVISED TO 1268
N1-011169	Clarify that no acknowledgement is made for TMSI deallocation	Siemens	29.018	GPRS	3.6.0	R99	F	013		CR		AGREED
N1-011170	Clarify that no acknowledgement is made for TMSI deallocation	Siemens	29.018	GPRS	4.0.0	Rel-4	A	014		CR		AGREED
N1-011171	Explicit IMSI detach, abnormal case SGSN side	Siemens	29.018	GPRS	3.6.0	R99	F	015		CR		AGREED
N1-011172	Explicit IMSI detach, abnormal case SGSN side	Siemens	29.018	GPRS	4.0.0	Rel-4	A	016		CR		AGREED
N1-011173	Correction of the length of the Service Area Identifcation	Siemens	29.018	GSM/ UMTS Interworking	3.6.0	R99	F	017		CR		AGREED
N1-011174	Correction of the length of the Service Area Identifcation	Siemens	29.018	GSM/ UMTS Interworking	4.0.0	Rel-4	A	018		CR		AGREED
N1-011175	Priority selection criteria of calls in a multicall	Siemens	23.009	Multicall	3.7.0	R99	F	038	1	CR		NOTED
N1-011176	Priority selection criteria of calls in a multicall	Siemens	23.009	Multicall	4.1.0	Rel-4	A	039	1	CR		NOTED
N1-011177	Proposal for the structure of section 9 in 24.229	Siemens/ Nokia et all	24.229	IMS-CCR	0.4.0	Rel-5				CR		Not available
N1-011178	Contact in 200 OK of REGISTER	Nokia / Bernie Höneisen	24.228	IMS-CCR	1.2.0	Rel-5				CR		REVISED TO 1288
N1-011179	Expires in Mobile Initiated Deregistration	Nokia / Bernie Höneisen	24.228	IMS-CCR	1.2.0	Rel-5				CR		AGREED
N1-011180	Date Header Field in Registration Flows	Nokia / Bernie Höneisen	24.228	IMS-CCR	1.2.0	Rel-5				CR	Agreed, same as 1220	AGREED
N1-011181	Enhanced Registration of Public Identities	Nokia / Bernie Höneisen								DISC		REJECTED
N1-011182	InterSystem IntraMSC-B Handover	Nortel Networks / Sonia Garapaty	23.009 , 29.010	GSM-UMTS interworking		R99				DISC	Revised to 1245 before the meeting.	WITHDRAWN
N1-	Subsequent InterSystem	Nortel	23.009	GSM/	3.7.	R99	F	042		CR	Revised to 1246	WITHDRA

011183	Handovers	Networks / Sonia Garapaty		UMTS Interworking	0					before the meeting.	WN
N1-011184	Timer Value of Expires Header in SUBSCRIBE request	Nortel Networks / Sonia Garapaty	24.228	IMS-CCR	1.2.0	Rel-5			CR		REJECTED
N1-011185	Replace "Firewall" with "THIG"	Nortel Networks / Sonia Garapaty	24.228	IMS-CCR	1.2.0	Rel-5			CR	Conditionally agreed on S2 to agree as well.	AGREED
N1-011186	Remove BGCF from Record-Route in PSTN-T flow	Nortel Networks / Sonia Garapaty	24.228	IMS-CCR	1.2.0	Rel-5			CR		AGREED
N1-011187	Mobile Terminating call procedures to unregistered IMS subscriber	Nortel Networks / Sonia Garapaty	24.228	IMS-CCR	1.2.0	Rel-5			CR		Not available
N1-011188	Awareness of Local SIP Services Procedure	Nortel Networks / Sonia Garapaty	24.228	IMS-CCR	1.2.0	Rel-5			CR		WITHDRAWN
N1-011189	Subsequent InterSystem Handovers	Nortel Networks / Sonia Garapaty	23.009	GSM/ UMTS Interworking	4.1.0	Rel-4	A	043	CR	Revised to 1247 before the meeting.	WITHDRAWN
N1-011190	23.218 v052 IP Multimedia (IM) Session Handling;IP Multimedia (IM) call model	Motorola, Andrew Allen	23.218	IMS-CCR	0.5.2	Rel-5			INFO		NOTED
N1-011191	Reorganization of 23.218 based on revised SA2 architecture for Service Control and selection of SIP for the ISC interface protocol	Motorola Andrew Allen	23.218	IMS-CCR	0.5.2	Rel-5			CR		REVISED TO 1277
N1-011192	Network Initiated De-Registration	Siemens	24.228	IMS-CCR		Rel-5			DISC		REVISED TO 1289
N1-011193	Multiple REGISTER	Siemens	24.229	IMS-CCR		Rel-5			DISC		NOTED
N1-011194	Filter Criteria and Service Points of Interests	Siemens	23.218	IMS-CCR	0.5.2	Rel-5			CR		REVISED TO 1322
N1-011195	Structure of 24.229 section 9	Siemens/ Nokia/ BT/ Vodaf/ Lucent/ AT&TW	24.229	IMS-CCR	0.4.0	Rel-5			CR		AGREED
N1-011196	Conditions for IOV reset	Siemens / Schramm	04.64	GPRS	6.8.0	R97	F	A149	CR		REJECTED
N1-011197	Conditions for IOV reset	Siemens / Schramm	04.64	GPRS	7.4.0	R98	A	A150	CR		REJECTED
N1-011198	Conditions for IOV reset	Siemens /	04.64	GPRS	8.6.0	R99	A	A151	CR		REJECTED

		Schramm									
N1-011199	Conditions for header compression	Siemens / Schramm	04.65	GPRS	8.1.0	R99	F	A074	CR		AGREED
N1-011200	Conditions for header compression	Siemens / Schramm	44.065	GPRS	4.0.0	Rel-4	A	001	CR		AGREED
N1-011201	Conditions for header compression	Siemens / Schramm							DISC		NOTED
N1-011202	Alternative QoS values	Siemens / Schramm	24.008	QoS	5.0.0	Rel-5	C	445	CR		Not treated due to lack of time.
N1-011203	Clarification to N(SD) mechanism in the NW (R99)	Ericsson	24.007	GSM/ UMTS interworking	3.7.0	R99	F	038	CR	Revised to 1295	WITHDRAWN
N1-011204	Clarification to N(SD) mechanism in the NW (Rel-4)	Ericsson	24.007	GSM/ UMTS interworking	4.0.0	Rel-4	A	039	CR	Revised to 1296	WITHDRAWN
N1-011205	Clarification of the Paging Response in the mobile station (R99)	Ericsson	24.008	GSM/ UMTS interworking	3.8.0	R99	F	446	CR		REJECTED
N1-011206	Clarification of the Paging Response in the mobile station (Rel-4)	Ericsson	24.008	GSM/ UMTS interworking	4.3.0	Rel-4	A	447	CR		REJECTED
N1-011207	Clarification of the Paging Response in the mobile station (Rel-5)	Ericsson	24.008	GSM/ UMTS interworking	5.0.0	Rel-5	A	448	CR		REJECTED
N1-011208	An adaptation for GPRS-LCS	Ericsson	24.008	LCS	5.0.0	Rel-5	B	449	CR		Not treated due to lack of time.
N1-011209	Introduction of a new TOM protocol discriminator for RRLP	Ericsson	44.064	LCS	4.1.0	Rel-5	B	002	CR		Not treated due to lack of time.
N1-011210	The problem with introduction of a Release marker	Ericsson							DISC		Not treated due to lack of time.
N1-011211	Modification of session management between MS and network	Fujitsu	24.008	TEI	3.8.0	R99	F	450	CR		REJECTED
N1-011212	Modification of session management between MS and network	Fujitsu	24.008	TEI	4.3.0	Rel-4	A	451	CR		REJECTED
N1-	Modification of session	Fujitsu	24.008	TEI	5.0.	Rel-5	A	452	CR		REVISED

011213	management between MS and network				0							TO 1303
N1-011214	State after T3220 expriation	Fujitsu	24.008	TEI	3.8.0	R99	F	453		CR		WITHDRAWN
N1-011215	Priority selection criteria of calls in a multicall	Siemens		Multicall						DISC		NOTED
N1-011216	Usage of Location Reporting for Relocation and inter-system handover	Siemens	23.009	GSM/UMTS Interworking	3.7.0	R99	F	036	1	CR		WITHDRAWN
N1-011217	Usage of Location Reporting for Relocation and inter-system handover	Siemens	23.009	GSM/UMTS Interworking	4.1.0	Rel-4	A	037	1	CR		WITHDRAWN
N1-011218	Conditions for IOV reset	Siemens / Schramm	44.064	GPRS	4.1.0	Rel-4	A	003		CR		REJECTED
N1-011219	Introduction of default codec UMTS_AMR_2	Ericsson/ Rouzbeh Farhoum and	24.008	TFO-AMR	4.3.0	Rel-4	F	454		CR		REVISED TO 1314
N1-011220	CR to 24.228: Contribution to Replace N1-010952	Lucent Technologies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5				CR	Agreed, same as 1180	AGREED
N1-011221	Correction of Protocol configuration options	Siemens / Schramm	24.008	GPRS	3.8.0	R99	F	455		CR		AGREED
N1-011222	Correction of Protocol configuration options	Siemens / Schramm	24.008	GPRS	4.3.0	Rel-4	A	456		CR		AGREED
N1-011223	Correction of Protocol configuration options	Siemens / Schramm	24.008	GPRS	5.0.0	Rel-5	A	457		CR		AGREED
N1-011224	Introduction of Source Statistics Descriptor	Nokia	24.008	QoS	5.0.0	Rel-5	B	458		CR	Revised to 1305	WITHDRAWN
N1-011225	Description of the solution alternatives to solve the Multicall handover problem.	Nokia		Multicall						DISC		NOTED
N1-011226	Proposal A for Multicall handover selection criteria	Nokia	23.009	Multicall	3.7.0	R99	F	044		CR	Revised to 1243 before the meeting started	WITHDRAWN
N1-011227	Proposal A for Multicall handover selection criteria	Nokia	23.009	Multicall	4.1.0	Rel-4	A	045		CR	Revised to 1244 before the meeting started	WITHDRAWN
N1-011228	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	Nokia	23.009	Handover	3.7.0	R99	F	046		CR	Agreed and SDLs to be provided	AGREED
N1-011229	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	Nokia	23.009	Handover	4.1.0	Rel-4	A	047		CR	Agreed and SDLs to be provided	AGREED
N1-011230	24.228v120 "Signalling flows for the IP multimedia call controlbased on SIP	Motorola, John O'Hare	24.228	IMS-CCR	1.2.0	Rel-5				INFO		Not treated due to

	and SDP"										lack of time.
N1-011231	Definition of QoS negotiable parameters	Motorola /Apostolis	24.008	QoSPS	5.0.0	Rel-5	B	459		CR		Not treated due to lack of time.
N1-011232	Binding Information in Protocol Configuration Options	Motorola /Apostolis	24.008	IMS-CCR	5.0.0	Rel-5	B	460		CR	Revised to 1304	WITHDRA WN
N1-011233	Editorial corrections to 04.64	Motorola /Apostolis	04.64	TEI	6.8.0	R97	F	A152		CR		REJECTED
N1-011234	Roaming restrictions for GPRS service	Nokia	23.122	GPRS	4.1.0	Rel-4	F	037		CR		WITHDRA WN
N1-011235	Addition of new GMM cause code "GPRS services not allowed in the LA"	Nokia	24.008	GPRS	4.3.0	Rel-4	F	461		CR		WITHDRA WN
N1-011236	Addition of new GMM cause code "GPRS services not allowed in the LA"	Nokia	24.008	GPRS	5.0.0	Rel-5	A	462		CR		Not treated due to lack of time.
N1-011237	Addition of CELL ID to SIP Messages	Vodafone								DISC		NOTED
N1-011238	Latest workplan	MCC								WORK PLAN		NOTED
N1-011239	Voting question and procedure in CN1#19	MCC								OTHER		NOTED
N1-011240	Voting list for CN1#19 joint with CN4	MCC								OTHER		NOTED
N1-011241	Introduction of UMTS_AMR_2 - default UMTS codec for GSM inteworking	Ericsson/ Rouzbeh Farhoum and		TFO-AMR						DISC		NOTED
N1-011242	Sip Requirements to the IETF	Ericsson		IMS-CCR		Rel-5				DISC		Not treated due to lack of time.
N1-011243	Proposal A for Multicall handover selection criteria	Nokia	23.009	Multicall	3.7.0	R99	F	044	1	CR	Revised from 1226 before the meeting.	NOTED
N1-011244	Proposal A for Multicall handover selection criteria	Nokia	23.009	Multicall	4.1.0	Rel-4	A	045	1	CR	Revised from 1227 before the meeting.	NOTED
N1-011245	InterSystem IntraMSC-B Handover	Nortel Networks / Sonia Garapaty	23.009 , 29.010	GSM-UMTS interw orking		R99				DISC	Revised from 1182 before the meeting.	REVISED TO 1294
N1-011246	Subsequent InterSystem Handovers	Nortel Networks / Sonia Garapaty	23.009	GSM/ UMTS Interw orking	3.7.0	R99	F	042	1	CR	Revised from 1183 before the meeting.	WITHDRA WN
N1-011247	Subsequent InterSystem Handovers	Nortel Networks / Sonia Garapaty	23.009	GSM/ UMTS Interw orking	4.1.0	Rel-4	A	043	1	CR	Revised from 1189 before the meeting.	WITHDRA WN

N1-011248	S3 CR on Network Configuration Independence Mechanism	MCC	23.228	IMS-CCR	5.1.0					INFO	Related CR to 1034, distributed for information.	Not treated due to lack of time.
N1-011249	Response to Liaison Statement on "Progressing the work in SA3 and CN1 on the IP Multimedia core network subsystem"	By Keith Drage.								LS OUT	Related to 1035. To: S3 Cc: S2, S5, N4, N5	REVISED TO 1344
N1-011250	Liaison Statement on "Flows related to Authenticated Registrations and Re-Registrations"	By Keith Drage.								LS OUT	Related to 1037 and 1039. To: S3 Cc: S2, N4	AGREED
N1-011251	Response to LS "On the use of Network Domain Security for protection of SIP signalling messages"	By Apostolis.								LS OUT	Related to 1041. To: S3 Cc: S2, N4	REVISED TO 1332
N1-011252	Liaison Statement on "Reply to LS on aborting of RRC connection during CN procedures"	By Peng.								LS OUT	Related to 1062. To: T1 Cc: R2	REVISED TO 1333
N1-011253	LS on UE behaviour when network fails Authentication procedure	By Duncan.								LS OUT	Related to 1063. To: R2, T1	AGREED
N1-011254	Clarification of 8-PSK power class coding	GP#5/Ericsson	24.008	EDGE	3.8.0	R99	F	463		CR	Related to 1064	AGREED
N1-011255	Clarification of 8-PSK power class coding	GP#5/Ericsson	24.008	EDGE	4.3.0	Rel-4	A	464		CR	Related to 1064	AGREED
N1-011256	[DRAFT] Reply to the LS on GERAN architecture and impacts on the Iu-cs interface	By Robert.								LS OUT	Related to 1065. To: GERAN 2 Cc: R3, S4	AGREED
N1-011257	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	3.8.0	R99	F	466		CR	Related to 1066	REVISED TO 1324
N1-011258	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	4.3.0	Rel-4	C	467		CR	Related to 1066	REVISED TO 1325
N1-011259	Clarification of the transfer execution of the sequenced message transfer operation	GP#5/Ericsson	24.007	GSM/UMTS inter-working	3.7.0	R99	F	040		CR	Related to 1067	REVISED TO 1327
N1-011260	Clarification of the transfer execution of the sequenced message transfer operation	GP#5/Ericsson	24.007	GSM/UMTS inter-working	4.0.0	Rel-4	A	041		CR	Related to 1067	REVISED TO 1328
N1-011261	Introduction of a release indicator in the MS Radio Access Capability IE and MS Classmark 3 IE	GERAN	24.008	GERAN Improvements 2	4.3.0	Rel-4	F	469		CR	Related to 1068	Not available
N1-011262	Response to LS (R2-011764) on RRC Establishment Cause mapping	By Chen-Ho.								LS OUT	Related to 1071. To: R2	WITHDRAWN
N1-011263	Draft Reply Liaison Statement on SIP Signalling and Codec Issues	By Andrew.								LS OUT	Related to 1076. To: GERAN, S2, S4, N3	REVISED TO 1334

N1-011264	Reply LS on rejection of 2G AKA by 3G ME with USIM in UTRAN	By Chen-Ho.								LS OUT	Related to 1089. To: S3, T3 Cc: S1, T2, GSMA-SGA	AGREED
N1-011265	Usage of Location Reporting for Relocation and Inter-system Handover	Ericsson/ Rouzbeh	23.009	GSM/ UMTS interworking	3.7.0	R99	F	048		CR		REVISED TO 1310
N1-011266	Usage of Location Reporting for Relocation and Inter-system Handover	Ericsson/ Rouzbeh	23.009	GSM/ UMTS interworking	4.1.0	Rel-4	A	049		CR		REVISED TO 1311
N1-011267	Response to LS (G2-010200) on LCS for GPRS	By Eiko.								LS OUT	Related to 1096. To: GERAN 2	AGREED
N1-011268	TMSI status indication	Siemens	09.18	GPRS	7.3.0	R98	F	A045	1	CR	Revised from 1168	AGREED
N1-011269	Document restructuring	Nokia/ Bajkó Gábor	24.228	IMS-CCR	1.2.0	Rel-5				CR	Revised from 1159	AGREED
N1-011270	Response LS on Voice Bearer Interworking	S2								LS IN	S4-010386R , To: GERAN, N1, R2 and R3	NOTED
N1-011271	SA_12_Draft_Report_V005rm	MCC								REPORT		NOTED
N1-011272	Clarification of 8-PSK power class coding	GP#5/Ericsson	24.008	EDGE	5.0.0	Rel-5	A	465		CR	Related to 1064	AGREED
N1-011273	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	5.0.0	Rel-5	A	468		CR	Related to 1066	REVISED TO 1326
N1-011274	Introduction of a release indicator in the MS Radio Access Capability IE and MS Classmark 3 IE	GERAN	24.008	GERAN Improvements 2	5.0.0	Rel-5	A	470		CR	Related to 1068	Not available
N1-011275	Clarification of the Use of the Protocol Configuration Options in the MS	Siemens								DISC		Not treated due to lack of time.
N1-011276	SDP usage and Session Setup	Nokia/ Ericsson	24.229	IMS-CCR	0.4.0	Rel-5				CR	Revised from 1162	REVISED TO 1307
N1-011277	Reorganization of 23.218 based on revised SA2 architecture for Service Control and selection of SIP for the ISC interface protocol	Motorola Andrew Allen	23.218	IMS-CCR	0.5.2	Rel-5				CR	Revised from 1191	AGREED
N1-011278	CR to 24.229: I-CSCF processing of the REGISTER request	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	0.4.0	Rel-5				CR	Revised from 1120	REJECTED
N1-011279	I-CSCF role in Registration and non-hiding case	Nokia/ Bajkó Gábor	24.229	IMS-CCR	0.4.0	Rel-5				CR	Revised from 1163	REJECTED
N1-011280	Draft Liaison on Multiple RAB Activation Issue	Hutchison 3g		TEI5						DISC		REVISED TO 1321
N1-011281	Correction of cross-reference errors	Motorola / Apostolis	04.64	TEI	6.8.0	R97	F	A153		CR	Revised from 1233	AGREED

N1-011282	I-CSCF role in Registration and hiding case	Nokia/ Bajkó Gábor	24.229	IMS-CCR	0.4.0	Rel-5			CR	Revised from 1164	REJECTED
N1-011283	CR to 24.229: Procedures at the P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	0.4.0	Rel-5			CR	Revised from 1122	REVISED TO 1343
N1-011284	Default Codec Types For "UMTS only" and "UMTS & GSM dual system" UEs	Ericsson/ Rouzbeh	23.153	TFO-AMR	4.1.0	Rel-4	F	025	CR		Not treated due to lack of time.
N1-011285	Liaison Statement on "Amendments to CR on 23.153, for UMTS_AMR_2"	Ericsson/ Rouzbeh		TFO-AMR					LS OUT	To: CN Cc: N4 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011286	Liaison Statement on "Introduction Of UMTS_AMR_2 into R99 UE's"	Ericsson/ Rouzbeh		TFO-AMR					LS OUT	To: T, S4 Cc: T2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET	AGREED
N1-011287	Introduction of Alternative QoS	Motorola /Apostolis	24.008	QoSPS	5.0.0	Rel-5	B	471	CR		Not treated due to lack of time.
N1-011288	Contact in 200 OK of REGISTER	Nokia / Bernie Höneisen	24.228	IMS-CCR	1.2.0	Rel-5			CR	Revised from 1178. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	REJECTED
N1-011289	Network Initiated De-Registration	Siemens	24.228	IMS-CCR		Rel-5			DISC	Revised from 1192	REVISED TO 1329
N1-011290	LS to CN1 on WB-AMR Signalling	GERAN							LS IN	GP-011833, To: N1	Forwarded to CN1#20 with the same tdoc#
N1-011291	Answer LS on Priority Selection Criteria of Calls in a Multicall	By Inma.							LS OUT	Linked to 1073. To: R3 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011292	Remove references to specific sections of 25.331	Qualcomm	24.008	TEI	3.8.0	R99	F	472	CR		AGREED
N1-011293	Remove references to specific sections of 25.331	Qualcomm	24.008	TEI	4.3.0	Rel-4	A	473	CR		AGREED
N1-011294	InterSystem IntraMSC-B Handover	Nortel Networks / Sonia Garapaty	23.009, 29.010	GSM-UMTS interworking		R99			DISC	Revised from 1245	NOTED
N1-011295	Clarification to N(SD) mechanism in the NW (R99)	Ericsson	24.007	GSM/ UMTS interworking	3.7.0	R99	F	038	1	CR	Revised from 1203	REJECTED
N1-011296	Clarification to N(SD) mechanism in the NW	Ericsson	24.007	GSM/ UMTS	4.0.0	Rel-4	A	039	1	CR	Revised from 1204	REJECTED

	(Rel-4)			interw orking							
N1-011297	Clarification of required action on RAND and Timers T3218, T3316	Ericsson	24.008	Securit y	5.0.0	Rel-5	F	432	1	CR	Revised from 1134	REJECTE D
N1-011298	Old RAI handling	NTT Software	24.008	GPRS	3.8.0	R99	F	442	1	CR	Revised from 1149	AGREED
N1-011299	Old RAI handling	NTT Software	24.008	GPRS	4.3.0	Rel-4	A	443	1	CR	Revised from 1150	AGREED
N1-011300	Old RAI handling	NTT Software	24.008	GPRS	5.0.0	Rel-5	A	444	1	CR	Revised from 1151	AGREED
N1-011301	Report of ad-hoc discussions on IMS-CCR	Lucent Technolo gies / Keith Drage		IMS-CCR						REP ORT		NOTED
N1-011302	Remove references to specific sections of 25.331	Qualcom m	24.008	TEI	5.0.0	Rel-5	A	474		CR		AGREED
N1-011303	Modification of session management between MS and network	Fujitsu	24.008	TEI	5.0.0	Rel-5	F	452	1	CR	Revised from 1213	AGREED
N1-011304	Binding Information in Protocol Configuration Options	Motorola /Apostoli s	24.008	IMS-CCR	5.0.0	Rel-5	B	460	1	CR	Revised from 1232. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	REJECTE D
N1-011305	Introduction of Source Statistics Descriptor	Nokia	24.008	QoS	5.0.0	Rel-5	B	458	1	CR	Revised from 1224	Not available
N1-011306	CR to 24.228: QoS flows in Mobile Originating	Lucent Technolo gies/Xin Chen	24.228	IMS-CCR	1.2.0	Rel-5				CR	Revised from 1117. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	REJECTE D
N1-011307	SDP usage and Session Setup	Nokia/ Ericsson	24.229	IMS-CCR	0.4.0	Rel-5				CR	Revised from 1276. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	REJECTE D
N1-011308	Identification of Users within IMS Entities	Siemens / Lucent / Ericsson / Motorola				Rel-5				DISC		REVISED TO 1319
N1-011309	Requirements for interworking of IMS MS with pre REL-5	Siemens/ Frank								LS OUT	To: S2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	REJECTE D
N1-011310	Usage of Location Reporting for Relocation and Inter-system Handover	Ericsson/ Rouzbeh	23.009	GSM/ UMTS interw orking	3.7.0	R99	F	048	1	CR	Revised from 1265. Agreed without presentation	AGREED
N1-011311	Usage of Location Reporting for Relocation and Inter-system Handover	Ericsson/ Rouzbeh	23.009	GSM/ UMTS interw orking	4.1.0	Rel-4	A	049	1	CR	Revised from 1266. Agreed without presentation	AGREED
N1-011312	CR to 24.229: Subsequent requests at the P-CSCF	Lucent Technolo gies / Milo	24.229	IMS-CCR	0.4.0	Rel-5				CR	Revised from 1123. For e-mail approval with deadline Friday 7/9-01 at 12:00	AGREED

		Orsic								CET.	
N1-011313	Liaison Statement on privacy of IPv6 addresses allocated to terminals using the IM CN subsystem	By Keith.							LS OUT	Related to 1155. To : S1 Cc: S2, S3 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011314	Introduction of default codec UMTS_AMR_2	Ericsson/ Rouzbeh Farhoum and	24.008	TFO-AMR	4.3.0	Rel-4	F	454	1	CR	Revised from 1219	REVISED TO 1340
N1-011315	Introduction of default codec UMTS_AMR_2	Ericsson/ Rouzbeh Farhoum and	24.008	TFO-AMR	5.0.0	Rel-5	F	475		CR		REVISED TO 1341
N1-011316	#2 Flow updates	Nokia/ Krisztian Kiss	24.228	IMS-CCR	1.2.0	Rel-5				CR	Revised from 1156. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011317	#1 Flow updates	Nokia/ Krisztian Kiss	24.228	IMS-CCR	1.2.0	Rel-5				CR	Revised from 1157. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011318	Liaison Statement on Signalling Radio Bearer for low priority NAS messages	R2								LS IN	R2-012138, To: N1	LS OUT i 1323 by Peng
N1-011319	Identification of Users within IMS Entities	Siemens / Lucent / Ericsson / Motorola				Rel-5				DISC	Revised from 1308. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011320	Call Transfer Procedures	Nokia/ Krisztian Kiss	24.228	IMS-CCR	1.2.0	Rel-5				CR	Revised from 1161. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011321	Liaison on Multiple RAB Activation Issue	Hutchison 3g/ Kevan		TEI5						LS OUT	Revised from 1280. To: S2, R3, R2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011322	Filter Criteria and Service Points of Interests	Siemens	23.218	IMS-CCR	0.5.2	Rel-5				CR	Revised from 1194	REVISED TO 1342
N1-011323	Liaison Statement on "Reply to Liaison Statement on Signalling Radio Bearer for low priority NAS messages "NAS messages "	By Peng Li.								LS OUT	Related to 1318. To: R2	AGREED
N1-011324	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	3.8.0	R99	F	466	1	CR	Related to 1066. Revised from 1257	REJECTED
N1-011325	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	4.3.0	Rel-4	C	467	1	CR	Related to 1066. Revised from 1258	REVISED TO 1338
N1-011326	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	5.0.0	Rel-5	A	468	1	CR	Related to 1066. Revised from 1273	REVISED TO 1339
N1-	Clarification of the transfer	GP#5/Eri	24.007	GSM/	3.7.	R99	F	040	1	CR	Related to 1067.	REJECTE

N1-												
011327	execution of the sequenced message transfer operation	csson		UMTS inter-working	0						Revised from 1259	D
N1-011328	Clarification of the transfer execution of the sequenced message transfer operation	GP#5/Ericsson	24.007	GSM/ UMTS inter-working	4.0.0	Rel-4	A	041	1	CR	Related to 1067. Revised from 1260	REJECTED
N1-011329	Network Initiated De-Registration	Siemens	24.228	IMS-CCR		Rel-5				CR	Revised from 1289. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET	AGREED
N1-011330	Response to LS (GP-011447) on introduction of a new release marker in the Classmark 3 and MS Radio Access Capability IEs	By Eiko.								LS OUT	To: GERAN For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	REJECTED
N1-011331	SIP call control protocol for the IM CN subsystem	Lucent		IMS-CCR						WID		REVISED TO 1336
N1-011332	Response to LS "On the use of Network Domain Security for protection of SIP signalling messages"	By Apostolis.								LS OUT	Related to 1041. To: S3 Cc: S2, N4 Revised from 1251	AGREED
N1-011333	Liaison Statement on "Reply to LS on aborting of RRC connection during CN procedures"	By Peng.								LS OUT	Related to 1062. To: T1 Cc: R2 Revised from 1252	AGREED
N1-011334	Draft Reply Liaison Statement on SIP Signalling and Codec Issues	By Andrew.								LS OUT	Related to 1076. To: GERAN, S2, S4, N3. Revised from 1263. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011335	Use of Request URI, Route, Record-Route and Contact header	Nokia	24.228			Rel-5				CR	For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.	AGREED
N1-011336	SIP call control protocol for the IM CN subsystem	Lucent		IMS-CCR						WID	Revised from 1331	AGREED
N1-011337	Workplan update	CN1 chair								WORK PLAN		AGREED
N1-011338	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	4.3.0	Rel-4	C	467	2	CR	Related to 1066. Revised from 1325	AGREED
N1-011339	Definition of new DTM multislot classes	GP#5/Vodafone	24.008	DTM	5.0.0	Rel-5	A	468	2	CR	Related to 1066. Revised from 1326	AGREED
N1-011340	Introduction of default codec UMTS_AMR_2	Ericsson/ Rouzbeh Farhoumand	24.008	TFO-AMR	4.3.0	Rel-4	F	454	2	CR	Revised from 1314	AGREED
N1-011341	Introduction of default codec UMTS_AMR_2	Ericsson/ Rouzbeh Farhoumand	24.008	TFO-AMR	5.0.0	Rel-5	F	475	1	CR	Revised from 1315	AGREED
N1-011342	Filter Criteria and Service Points of Interests	Siemens	23.218	IMS-CCR	0.5.2	Rel-5				CR	Revised from 1322	AGREED

| N1-011343 | CR to 24.229: Procedures at the P-CSCF | Lucent Technologies / Milo Orsic | 24.229 | IMS-CCR | 0.4.0 | Rel-5 | | | | CR | Revised from 1283 | AGREED |
| N1-011344 | Response to Liaison Statement on "Progressing the work in SA3 and CN1 on the IP Multimedia core network subsystem" | By Keith Drage. | | | | | | | | LS OUT | Related to 1035. To: S3 Cc: S2, S5, N4, N5 Revised from 1249 | AGREED |

Annex E   Liaison Statements OUT

Status	TDoc #	Source	Tdoc Title	Comments
AGREED	N1-011250	By Keith Drage.	Liaison Statement on "Flows related to Authenticated Registrations and Re-Registrations"	Related to 1037 and 1039. To: S3 Cc: S2, N4
AGREED	N1-011253	By Duncan.	LS on UE behaviour when network fails Authentication procedure	Related to 1063. To: R2, T1
AGREED	N1-011256	By Robert.	[DRAFT] Reply to the LS on GERAN architecture and impacts on the Iu-cs interface	Related to 1065. To: GERAN 2 Cc: R3, S4
AGREED	N1-011264	By Chen-Ho.	Reply LS on rejection of 2G AKA by 3G ME with USIM in UTRAN	Related to 1089. To: S3, T3 Cc: S1, T2, GSMA-SGA
AGREED	N1-011267	By Eiko.	Response to LS (G2-010200) on LCS for GPRS	Related to 1096. To: GERAN 2
AGREED	N1-011285	Ericsson/Rouzbeh	Liaison Statement on "Amendments to CR on 23.153, for UMTS_AMR_2"	To: CN Cc: N4 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
AGREED	N1-011286	Ericsson/Rouzbeh	Liaison Statement on "Introduction Of UMTS_AMR_2 into R99 UE's"	To: T, S4 Cc: T2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET
AGREED	N1-011291	By Inma.	Answer LS on Priority Selection Criteria of Calls in a Multicall	Linked to 1073. To: R3 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
AGREED	N1-011313	By Keith.	Liaison Statement on privacy of IPv6 addresses allocated to terminals using the IM CN subsystem	Related to 1155. To : S1 Cc: S2, S3 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
AGREED	N1-011321	Hutchison 3g/ Kevan	Liaison on Multiple RAB Activation Issue	Revised from 1280. To: S2, R3, R2 For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
AGREED	N1-011323	By Peng Li.	Liaison Statement on "Reply to Liaison Statement on Signalling Radio Bearer for low priority NAS messages "NAS messages "	Related to 1318. To: R2
AGREED	N1-011332	By Apostolis.	Response to LS "On the use of Network Domain Security for protection of SIP signalling messages"	Related to 1041. To: S3 Cc: S2, N4 Revised from 1251

AGREED	N1-011333	By Peng.	Liaison Statement on "Reply to LS on aborting of RRC connection during CN procedures"	Related to 1062. To: T1 Cc: R2 Revised from 1252
AGREED	N1-011334	By Andrew.	Draft Reply Liaison Statement on SIP Signalling and Codec Issues	Related to 1076. To: GERAN, S2, S4, N3. Revised from 1263. For e-mail approval with deadline Friday 7/9-01 at 12:00 CET.
AGREED	N1-011344	By Keith Drage.	Response to Liaison Statement on "Progressing the work in SA3 and CN1 on the IP Multimedia core network subsystem"	Related to 1035. To: S3 Cc: S2, S5, N4, N5 Revised from 1249

Annex F   Ageed Work Items

Status	TDoc #	Source	Tdoc Title	Type	WI
AGREED	N1-011336	Lucent	SIP call control protocol for the IM CN subsystem	WID	IMS-CCR

Annex G   Agreed specifications (TS or TR)

None

Annex H   List of CRs to N1 drafts

Status	Spec	TDoc #	CR #	Rev	CAT	Tdoc Title	C_Version	Type	WI	Rel
AGREED	23.218	N1-011277				Reorganization of 23.218 based on revised SA2 architecture for Service Control and selection of SIP for the ISC interface protocol	0.5.2	CR	IMS-CCR	Rel-5
AGREED	23.218	N1-011342				Filter Criteria and Service Points of Interests	0.5.2	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011104				CR to 24.228: A review of the editor's notes in clause 7.4	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011158				The content of To: and From: fields	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011160				re-registration - user currently registered (non-hiding)	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011179				Expires in Mobile Initiated Deregistration	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011180				Date Header Field in Registration Flows	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011185				Replace "Firewall" with "THIG"	1.2.0	CR	IMS-	Rel-

									CCR	5
AGREED	24.228	N1-011186				Remove BGCF from Record-Route in PSTN-T flow	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011220				CR to 24.228: Contribution to Replace N1-010952	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011269				Document restructuring	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011316				#2 Flow updates	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011317				#1 Flow updates	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011320				Call Transfer Procedures	1.2.0	CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011329				Network Initiated De-Registration		CR	IMS-CCR	Rel-5
AGREED	24.228	N1-011335				Use of Request URI, Route, Record-Route and Contact header		CR		Rel-5
AGREED	24.229	N1-011109				CR to 24.229: Editorial corrections	0.4.0	CR	IMS-CCR	Rel-5
AGREED	24.229	N1-011152				IPv6 addresses in SDP	0.4.0	CR	IMS-CCR	Rel-5
AGREED	24.229	N1-011195				Structure of 24.229 section 9	0.4.0	CR	IMS-CCR	Rel-5
AGREED	24.229	N1-011312				CR to 24.229: Subsequent requests at the P-CSCF	0.4.0	CR	IMS-CCR	Rel-5
AGREED	24.229	N1-011343				CR to 24.229: Procedures at the P-CSCF	0.4.0	CR	IMS-CCR	Rel-5