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Meeting Report

TSG CN WG1# 31
Sophia Antipolis, France

25th August - 29th August 2003

Chairman: Hannu Hietalahti (Nokia)

Secretary: Per Johan Jorgensen (ETSI/MCC)

Host: ETSI

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Documents can be found on the 3GPP-server:

http://www.3gpp.org/ftp/tsg_cn/WG1_mm-cc-sm/TSGN1_31/Docs/

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1 Opening of the meeting. Calls for IPRs

The delegates were welcomed and informed on the logistics.

The chairman made the following call for IPRs, and asked ETSI members to check the latest version of ETSI's policy available on the web server:

The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective** Organizational Partners **of Essential IPRs they become aware of**.

The members take note that they are hereby invited:

- to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
- to notify the Director-General, or the Chairman of their **respective** Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms http://webapp.etsi.org/Ipr/).

2 Agenda and Reports

N1-030946 : CN1 chairman, **Title**: Agenda Sophia0308

Discussion : This will continue as a living document in the doc Sophia0308. A breakout session on security lifetime and security association CRs, and on issues where multippel contributions from different companies exists, takes place Monday after lunch. The security issues related are identified as the following documents: 980, 981, 982, 1016, 1017, 1018, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029,1030, 1055, 1105, 1142, 1179 and were intended touched in the adhoc, but will anyhow be handled seperately or grouped during full meeting on Tuesday and Wednesday.

Conclusion : Agreed

N1-030947 : MCC, **Title**: DRAFT MEETING REPORT, 3GPP TSG-CN#20

Discussion : Just for information and to reference during the meeting if needed.

Conclusion : Noted

N1-030948 : MCC, **Title**: Draft Report for TSG SA meeting #20

Discussion : Just for information and to reference during the meeting if needed.

Conclusion : Noted

3 Input Liaison Statements

N1-030951 : G2-030437, **To:** SA2, CN4, **Cc:** CN1, RAN3, SA1, GERAN, RAN, SA, CN, **Type**: LS IN, **Title**: LS on Stage 3 work for Early UE handling

Discussion : GERAN2 LS to SA2 and CN4 on early UE handling CRs. This LS is already outdated, since the early UE CRs were treated in TSG meetings #20 last June.

Conclusion: Noted

N1-030952 : N3-030413, **To:** SA2, CN1, SA5, **Cc:** , **Type**: LS IN, **Title**: LS on IMS Session Hold and Resume stage 2 and 3 descriptions

Discussion : Is it better to make SDP media stream 'inactive' or 'sendonly' when on HOLD? It seems that both UPDATE and INVITE could carry the HOLD and RESUME request, but which one would be more appropriate? UPDATE to 'sendonly' seems most optimal way to do it, even though re-INVITE would also work and must be supported by receiving side. N1-030978 is SA2 reply to N1-030952. The one putting the media on hold is responsibel for providing the information during the break. N3 is asking for interworking with the existing Hold service in PSTN.

Conclusion: LS OUT by Atle/Ericsson in N1-031193

N1-030953 : R1-030630, **To:** SA2, **Cc:** RAN2, GERAN1, GERAN2, SA1, SA4, CN1, CN4 , **Type**: LS IN, **Title**: LS on Core Network Provision of separate flows for P2P and P2M radio Transmission and Minimum UE Capability Required for Supporting MBMS

Discussion : RAN1 inform SA2 that they are investigating UTRAN enhancements for point-to-multipoint connections.

Conclusion: Noted

N1-030954 : T2-030335, **To:** SA2, **Cc:** SA1, CN1, **Type**: LS IN, **Title**: LS on MMS for Deferred Mode IMS Messaging

Discussion : T2 answer to SA2 on deferred MMS messaging. T2 say that 23.140 only needs minor modifications to serve also deferred messaging. SA2 replies to N1-030954 in N1-030974.

Conclusion: Noted

N1-030955 : R2-031458, **To:** SA2, **Cc:** CN1, RAN3, **Type**: LS IN, **Title**: Reply LS on work following the joint SA2/RAN2/CN1 meeting on Paging

Discussion : RAN 2 have analysed the pro's and con's of UTRAN double paging and CN originated double pagings but leave it up to SA2 to decide which one to use to recover from RRC pageability problem. SA2 agree to do this in their reply to N1-030955 in N1-030987.

Conclusion: Noted

N1-030956 : R2-031460, **To:** SA3, **Cc:** CN1, GERAN2, **Type**: LS IN, **Title**: Response to LS on double ciphering for MBMS multicast data.

Discussion : RAN2 see that double ciphering in MBMS multicast does not eat so much performance that it would justify procedures to turn radio interface ciphering off.

Conclusion: Noted

N1-030957 : R2-031473, **To:** SA2, **Cc:** GERAN1, GERAN2, CN1, RAN1, RAN3, T2, **Type**: LS IN, **Title**: Liaison Statement on DRX parameter

Discussion : RAN2 see no conflict with existing procedures in allowing re-negotiation of DRX parameter.

Conclusion: Noted

N1-030958 : R3-030896, **To:** SA2, **Cc:** RAN2, CN1, **Type**: LS IN, **Title**: LS on RAN assumptions in MBMS TS

Discussion : RAN3 have made progress on definition of UE link (MBMS service(s) the UE has joined) is provided to UTRAN, transfer of session attributes over Iu and Iur interface and the definition of MBMS service context for RAN.

Conclusion: Noted

N1-030959 : R3-030912, **To:** SA2, CN1, **Cc:** , **Type**: LS IN, **Title**: To align maximum bitrate of HSDPA in UMTS system

Discussion : RAN3 requests CN1 to update the maximum bit rate indication at the radio interface to allow up to 16 Mbit/s data rates for HSDPA purposes. SA2 is asked to do the same on 23.060. SA2 have already done their part on 23.060. Is 23.060 and 24.008 change enough without touching the QoS limitation in 23.107? SA2 reply to N1-030xxx

in N1-030976. Related CRs to this meeting are in 1042 and 1043. During inter SGSN update the GTP protocol belonging to CN4 is affected with these new bitrates, against the opinion that QoS in 24.008 is covering this.

Conclusion: LS OUT byYukio/NEC in N1-031194

N1-030960 : Nortel Networks, R3-030913, **To:** SA2, **Cc:** CN1, RAN2, **Type**: LS IN, **Title**: Clarification on "Iu release"

Discussion : The LS is indicated as originated by Nortel. Was it agreed in RAN3? Yes. No CN1 action is requested in this LS. RAN3 have identified a possible deadlock situation where both RNC and SGSN are relying on the other party to release the Iu connection after NAS message transfer. They ask SA2 to confirm this possibility and if yes, to eliminate it in 23.060.

Conclusion: Noted

N1-030961 : S5-034312, **To:** SA2, CN4, **Cc:** CN1, GSMA CPWP, GSMA TADIG FSS, **Type**: LS IN, **Title**: LS on "Inclusion of IMS Signalling Indicator in S-CDR"

Discussion : SA5 are asking SA2 and CN4 if in the short term PCO flag and the signaling flag in the QoS would be good triggers to set the new "IMS charging indicator" in SGSN CDR. In the long term it is foreseen that the SGSN may not just transparently forward the PCO to GGSN but also examine the contents in order to know whether to set the "IMS charging indicator" or not.

Conclusion: Noted

N1-030962 : S5-034350, **To:** CN3, **Cc:** CN1, **Type**: LS IN, **Title**: Reply LS on Handling of the SDP 'inactive' direction attribute

Discussion : SA5 reply to CN3 that TS 32.225 states that the SDP "inactive" attribute is one of the SDP parameters that are captured both for sessions and for individual media components within the session. This functionality applies to both online and offline IMS charging.

Conclusion: Noted

N1-030963: T3-030392, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: Reply LS on 'updated WID for emergency call enhancements for IP & PS based calls'

Discussion : Reply to N1-030271. This LS was about re-organisation of the PS emergency call work item. T3 can not answer our questions without further clarification on:
- Is the existing list for CS emergency call numbers to be re-used for PS (IMS) domain? Yes.
- Is there a need to create corresponding list of IMS emergency call codes in ISIM? If yes, are the codes to be stored as SIP URI's or what? CN1 understands that the existing emergency numbers list should apply to both CS and IMS and that corresponding IMS emergency call codes as SIP URIs on ISIM would not solve the IMS local services problem, since the emergency URI's would be encoded and detected by the home network. The UICC-less case may also require that the ME has got a default list for IMS use also. A LS to SA1 to be discussed there during this weeks SA1 meeting was found the best way forward for this discussion.

Conclusion: LS OUT by Atle/Ericsson in N1-031195

N1-030964: N3-030461, **To:** SA2, **Cc:** CN1, **Type**: LS IN, **Title**: LS on SIP signalling interworking between IM CN subsystem entities and SIP network entities external to the IN CN subsystem

***Discussion* :** CN3 have identified in IMS interworking TR 29.962 that an IMS terminal is not able to communicate with a non-IMS terminal which does not support preconditions, UPDATE or 100rel. Two alternative methods to allow such communication have been identified, either allowing terminal based modified end-to-end signaling or network based B2BUA. SA2 is asked to study if any of the findings in the TR lead to further actions. SA2 answer in 985.

Conclusion*: *Noted

N1-030965 : NP-030308, **To:** SA3, **Cc:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on Security Association Lifetime Management

Discussion : This question was sent from TSGN #20 and now we have reply from SA3 in N1-030993

Conclusion: Noted

N1-030966 : R2-031483, **To:** SA2, **Cc:** SA4, CN1, CN4, RAN1, GERAN1, GERAN2, **Type**: LS IN, **Title**: Reply to LS on Core Network Provision of separate flows for P2P and P2M radio Transmission

Discussion : For retransmissions RAN2 see that quick repetitions are most efficiently done in the radio layer.The slower repetitions in intervals of minutes can be done on the upper layers but RAN2 does not see clear benefit in separate streams for P2P and P2M.

Conclusion: Noted

N1-030967 : GP-031565, **To:** RAN2, **Cc:** CN1, **Type**: LS IN, **Title**: LS on Optimisation of the INTER RAT HANDOVER INFO message in the RRC protocol

Discussion : GERAN2 and RAN2 are discussing the optimization of inter-RAT HO by means of reducing the size of the INTER RAT HANDOVER INFO message. The UE needs to know whether the compressed encoding of the message is supported or not by the target RNC. GERAN2 say it is not practical to add an indication to the SysInfo due to capacity reasons but they foresee an LR related mechanism to inform the UE. If this is chosen, then it will impact CN1 also. Further guidance is awaited in CN1.

Conclusion: Noted

N1-030968 : GP-031681, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on DTM capabilities

Discussion : CN1 is asked to endorse the attached CRs. DTM related 24.008 CRs for CN1 endorsement are in tdocs N1-031095 to N1-031098.

Conclusion: Noted

N1-030969 : GP-031718, **To:** SA2, **Cc:** RAN2, CN1, SA1, **Type**: LS IN, **Title**: Reply LS on Broadcast and PLMN selection for Shared RAN

Discussion : GERAN reply to SA2:
- There is no capacity for shared PLMN codes in SysInfo without rescheduling (BCCH extension)
- How many PLMN's would need to be indicated?
- Can indication of shared PLMNs on dedicated channel be considered?
- It is assumed that the current PLMN selection rules are kept
- LA/RA boundaries must be the same for all PLMNS

How does the UE communicate its choice of PLMN to shared network?
SA2 has replied to this in 1189.

Conclusion: Noted

N1-030970 : T3-030462, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on Removal of RPLMNAcT for GSM COMPACT

Discussion : Compact GSM was specified for earlier versions of the specification and even though it was later found to be not feasible, the Compact GSM related specification has not been removed completely. The usage of it has been blocked, mainly by removal of CBQ2 criteria by GERAN during 2002. Some changes were also made by CN1, but this was not complete and now T3 are asking us to remove all remaining references to SIM field RPLMNAcT, which is only needed for Compact GSM, so that they can removed the field from the SIM specifications too. Related CRs are in N1-031003/4 and N1-031053/54/55. CN1 replies for the benefit f the T plenary.

Conclusion: LS OUT by Chritian/Ericsson in N1-031196

N1-030971 : S1-030858, **To:** SA2, CN1, **Cc:** , **Type**: LS IN, **Title**: Draft Response LS on Network Sharing Requirements for Rel-6

Discussion : SA1 forwards the CN1 questions on network sharing for SA2 to answer.

Conclusion: Noted

N1-030972: S1-030967, **To:** T2, SA2, CN1, OMA MAG Push, **Cc:** CN4, OMA MAG, OMA MAG MMSG, **Type**: LS IN, **Title**: Re: LS on SMS/MMS Interworking from WLANs

Discussion : SA1 confirm the requirement on 3GPP – WLAN interworking, but leave it up to SA2 to define the architecture for e.g. SMS delivery.

Conclusion: Noted

N1-030973 : S4-030558, **To:** SA1, SA2, CN1, CN4, RAN1, RAN2, GERAN1, GERAN2, **Cc:** , **Type**: LS IN, **Title**: Reply to LS on Core Network Provision of separate flows for P2P and P2M radio Transmission

Discussion : SA4 have started the work to define the set of media codecs, formats and transport/application protocols.

Conclusion: Noted

N1-030974: S2-0302634, **To:** T2, OMA MAG PUSH, **Cc:** SA1, CN1, **Type**: LS IN, **Title**: LS on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs.

Discussion : SA2 replies to N1-030954 in N1-030974. SA2 is already working on PUSH services and T2 is asked to start the work to add SIP URL addressing to MMS.

Conclusion: Noted

N1-030975 : S2-032714, **To:** CN1, CN4, **Cc:** , **Type**: LS IN, **Title**: LS on minor issues identified by SA 2 during a review of the stage 3 CRs for the Early UE feature

Discussion : SA2 have reviewed the early UE related stage 3 CRs and found some parts still missing. SA2 requests CN1 to consider the following points:
- the 23.009 definition of UESBI-Iu is different to that in TS 23.195.
- in 29.018, the current text prevents the MSC using the BSSMAP Cipher Mode Command to retrieve the IMEISV from the mobile in the case that the IMEISV was not received from the SGSN
The related 23.009 CR is in N1-031099 and 29.108 in N1-031120.

***Conclusion*: Noted**

N1-030976 : S2-032720, **To:** RAN3, CN1, **Cc:** , **Type**: LS IN, **Title**: Reply LS on alignment of maximum bitrate of HSDPA in UMTS system

Discussion : 24.008 should be changed to allow HSDPA data rates up to 16 Mbit/s. SA2 reply to N1 LS is received in N1-030976. This is related to 959 where the decision to send a LS or not is taken.

Conclusion: Noted

N1-030977 : S2-032726, **To:** RAN2, GERAN2, **Cc:** CN1, **Type**: LS IN, **Title**: Liaison Statement on Service Id needs in the Access

Discussion : RAN and GERAN groups are asked to comment on the working assumption of BM-SC generating TMGI for MBMS group notification.

Conclusion: Noted

N1-030978 : S2-032733, **To:** CN3, **Cc:** SA5, CN1, **Type**: LS IN, **Title**: Response LS on IMS Session Hold and Resume stage 2 and 3 descriptions

Discussion : SA2 cover their own questions but leave it up to CN1 to decide the stage 3 details on how to put a session on hold and to resume it. N1-030978 is SA2 reply to N1-030952.

Conclusion: Noted

N1-030979 : S2-032735, **To:** SA1, SA3, CN1, **Cc:** , **Type**: LS IN, **Title**: Liaison on Security Solutions for the Ut Reference Point

Discussion : This LS is SA2 reply to N1-030933, S3-030301 and S3-030302. SA2 have discussed the same points as were raised in SA3 LSs but could also not make any decision. CN1 LS on this topic was also discussed and the principles were agreed.

Conclusion: Noted

N1-030985 : S2-032737, **To:** CN1, CN3, SA3, SA5, **Cc:** , **Type**: LS IN, **Title**: Liaison on SIP signalling interworking

Discussion : SA2 have decided that B2BUA is not the choice for IMS interworking to other SIP systems. End-to-end solution is chosen instead. CN1 actions will be needed when SA2 get their changes on 23.228.

Conclusion: Noted

N1-030986 : S2-032741, **To:** SA5 (SWG-B), GSMA CPWP, GSMA TADIG FSS, GSMA BARG, **Cc:** CN1, CN4, **Type**: LS IN, **Title**: LS Response to "Inclusion of IMS Signalling Indicator in S-CDR"

Discussion : SA2 have identified in GSMA BARG charging concepts some deviations from the 3GPP IMS and GPRS principles.

Conclusion: Noted

N1-030987 : S2-032744, **To:** RAN 2, **Cc:** RAN 3, CN1, **Type**: LS IN, **Title**: LS on work following the joint SA2/RAN2/CN1 meeting on Paging

Discussion : SA2 adopted the double paging principle that if the UE does not respond to U-RNTI paging, then the RNC should repeat the paging with CN identity. SA2 reply to N1-030955 in N1-030987.

Conclusion: Noted

N1-030988 : S5-034444, **To:** CN1, CN2, CN3, CN4, CN5, SA1, SA2, **Cc:** , **Type**: LS IN, **Title**: LS on possible re-organisation of 3GPP charging specification work

Discussion : SA5 asks CN1 and the other groups to study the outlined possible re-organisation of 3GPP charging specifications and to study the possibility of joint session during this CN1 meeting on the 28th or 29th of August.
- Which meetings do the charging experts want to attend?
- What would be the goal of the joint session?
- Is there any CN1 issue here? Maybe only which CN group could house this work after Rel-6. See also 1185 and 1187.

CN1 replies directly to CN chairman on 1185.

Conclusion: Noted

N1-030989 : OMA Requirements WG, **To:** SA, CN, T, RAN, GERAN, 3GPP2 TSG-S **Cc:** OMA Groups: IP MM BoF, Ops & Procs and MAG PoC, **Type**: LS IN, **Title**: Need for OMA Liaison with 3GPP and 3GPP2 re PoC

Discussion : OMA have started PoC work item and would like to keep it bearer agnostic. However, they also propose defining the work to avoid duplicating the work in OMA, 3GPP and 3GPP2.
- This LS is addressed mainly to 3GPP TSG plenaries. Is that sufficient for co-ordinating the technical work or do we need WG level communication too?
- Overlapping WID's are not desirable and the interfaces between OMA and 3GPP need to be known
- Once the work is ongoing, the groups which do the technical work in both OMA and 3GPP should be allowed to liaise to each other on technical issues.

It is not feasable for a WG to wait for plenary decision to carry on for communication with OMA. We have a workshop coming up in September between OMA and 3GPP, after the next CN plenary, where decisions on communication etc. will be adressed. For PoC the OMA is supposed to do the service requirement. SA2 has approved a WI for analysis of poc architecture. Any possible CN1 requirements are not known yet. After the workshop the WIDs needed in 3GPP could be adressed.

Conclusion: LS OUT by Georg/Nokia in 1198

N1-030990 : S5-034446, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on ICID compatibility between Rel-5 SA5's 32.225 and CN1's 24.229

Discussion : SA5 asks CN1 to verify that the changes to TS 32.225 which were approved at SA#20 are in line with 24.229 and if not, inform SA5. Related CR to this meeting in 1045.

Conclusion: Noted.

N1-030991 : S5-034447, **To:** CN1, **Cc:** SA2, SA3, **Type**: LS IN, **Title**: LS reply on Rel-5 transport of unknown SIP signalling elements

Discussion : SA5 say that generally charging is triggered on known SIP methods but they don't see any problem in charging unknown methods too. They are considering updates to TS 32.225 to assure that the Session Charging Function can handle the reception of unknown SIP elements via the ISC interface.

Conclusion: Noted

N1-030992 : S5-034448, **To:** CN3, **Cc:** SA2, CN1, **Type**: LS IN, **Title**: LS reply on Rel-6 IMS Session Hold and Resume stage 2 and 3 descriptions

Discussion : SA5 reply to CN3 that they don't see a need for a new charging model as the CS charging model should be used. When a UE performs a hold, resources will still be allocated and charging will continue as for a normal session in the same way as it is done in CS domain.

Conclusion: Noted

N1-030993 : S3-030441, **To:** CN, CN1, **Cc:** , **Type**: LS IN, **Title**: Response LS on Security Association Lifetime Management

Discussion : In this reply to NP-030918 SA3 state the following:
- The SA lifetime shall be set to the maximum of current SA lifetime, if one exists, and registration lifetime. CR to clarify this was agreed in SA3
- The SA lifetime shall be set according to the remaining life time, not just comparing the initial registration expiry timer values.
- SA3 see no value in shortening the SA lifetime based on de-registrations but would be willing to allow deletion of SA's which have become redundant
- The concept of SA lifetime is useful in re-authentication when both the UE and P-CSCF need to maintain two SA's
This LS is a reply to N1-030965.

Conclusion: Noted

N1-030994 : S3-030468, **To:** SA2, CN1, **Cc:** SA1, **Type**: LS IN, **Title**: LS on Profiling of RFC3325 for IMS

Discussion : SA3 ask our opinion on profiling of RFC3325 for IMS in general and also on technical issues in IMS trust domain and subscriber anonymity area.
If the profiling is limited to IMS to IMS connections only, then one opinion was negative. For Rel-5 IMS is defined more as a closed and trusted IMS network, but for Rel-6 it should be defined as an open network without risking damage to routing, destination and Asserted address. Is there any text in 24.229 which would block the more open interworking to outside IMS in Rel-6? B2BUA is now not a solution according to SA2 statement.

Conclusion: LS OUT by Gabor/Nokia in N1-031199

N1-030995 : S3-030469, **To:** CN1, CN4, **Cc:** , **Type**: LS IN, **Title**: Stage 3 level specification directions for support for subscriber certificate work item

Discussion : SA3 have been working on draft stage 2 TS on security for subscriber certificates. They ask CN1 to comment on whether stage 3 should be defined by SA3 or CN1/CN4. They also ask whether the right place for the stage 3 for protocols C and D would be in new separate stage 3 specification, part of the existing 29.998 or part of the new TS being drafted by SA3.
- Is alternative 2 really applicable if subscriber certificates are not tied with IMS?
- Protocols C and D seem outside of CN1 scope.
- What's the relationship of protocols A (UE – BSF) and B (UE – PKI portal) with the current CN1 work?
    - According to the new draft TS from SA3 the protocol at reference point A is HTTP Digest AKA
    - Multiple protocols may need to be supported at reference point B. If these are not specified then stage 3 remains only a minimal formal one and no CN1 action is needed there
- Would any delegations be interested in contributing on protocol A in CN1?
If stage2 is seperated it is also prefered for stage3 for both reference points. At least for reference B the stage2 needs to be more stable. One opinion is that SA3 does the stage3 work, and another that CN1 does it, so the decision on this is not taken now.

Conclusion: LS OUT by Atle/Ericsson in N1-031200

N1-030996 : S3-030470, **To:** CN1, **Cc:** SA2, SA5, **Type**: LS IN, **Title**: Response to LS on transport of unknown SIP signalling elements

Discussion : SA3 reply to N1-030896 on unknown SIP methods, headers and header parameters. They see no security problem in CN1 decision to mandate the transparent transfer of unknown protocol elements. SA3 also clarify that if integrity protection fails then the element is not passed on but dropped. They also say that passing on unknown message (elements) still allows SIP aware firewalls.

Conclusion: Noted

N1-030997 : S3-030471, **To:** SA2, **Cc:** CN1, CN4, **Type**: LS IN, **Title**: LS on new interface names

Discussion : SA3 ask SA2 to verify the proposed names of new interfaces in subscriber certificate architecture.

Conclusion: Noted

N1-031008 : S5-038444, **To:** CN1, CN4, **Cc:** SA2, RAN3, **Type**: LS IN, **Title**: LS reply on Rel-6 Subscriber and Equipment Trace impacts to the Core Network

Discussion : Agreed with SA5 SWG-D chairman Christian Toche to skip this LS so that he can present and discuss it at 11:00 on Wednesday. SA5 requests CN1 to add SIP procedures for subscriber and equipment tracing based on attached TS 32.421. A presentation will be held on Wednesday at 11:00 by Touche/Nortel, - see 1091. In case of signalling based activation the Trace Session activation command comes from the Management System first to HSS, SGSN or MSS and then the NE propagates the Trace control and configuration parameters via network control signalling interfaces. SA5 SWG-D has not yet made any decisions on which Trace Depth values would be mandatory (to support) and which would be optional. SA5 SWG-D has decided not to include the propagation of trace information across the S-CSCF/P-CSCF interface in TS 32.422 until it has received confirmation from CN that a solution for this would be available within Release 6 timeframe. SA5 SWG-D ask CN1 to:
- Study the possibility of creation of a new Trace Session activation message (or modification of an existing message for this purpose) according to the needs of SA5 SWG-D between S-CSCF and P-CSCF.
- Study the start triggering event parameter and provide an answer whether the Subscriber identity (IMSI/PublicID) and MS identity (IMEI(SV)) is available for the start triggering events (see the tables above for the events and corresponding signalling messages).
- Study the stop triggering event parameter and provide an answer whether the listed signalling messages are the last messages in the transaction of events listed above.
- Reply to SA5 SWG-D whether CN1 can provide a solution and if so, give SA5 SWG-D the CN1 view of the solution and an indication of the time required to provide such a solution.
There is to be clarified if both types of MGW have requirements for tracing. Is the triggering criterias as e.g. IMSI/IMEI/public ID a complete list? The listing is SA5s proposal. What is available in the P-CSCF and S-CSCF must be analysed to see if all triggering as required is available. If not an IETF drafting round is needed to make SIP extensions, or the requirements need to be modified. Does the tracing started in P-CSCF also include the PDF? This is still discussed, but probably not of interest. Who will define the container to transport the information? SA5. Regarding the MESSAGE and SUBSCRIBE it can be used for different purpose and that is not known until decoded, so shall triggering be on the method unconditionally or what? An issue to be included in the response to this LS. It was raised wether SIP or anything else could be used.

Conclusion: LS OUT by Gabor in N1-031265

N1-031009 : European Commision, IP/03/1122, **To:** Affected WGs and plenaries **Type**: LS IN, **Title**: Commission pushes for rapid deployment of location enhanced 112 emergency services

Discussion : From 25 July 2003, under the Universal Service Directive 2002/22/EC, fixed and mobile network operators are required to provide caller location information to emergency service centres responding to '112' calls, in a manner best suited to the national organisation of emergency systems and within the technological possibilities of the networks. The systems will be implemented progressively as available caller location technologies become more sophisticated. By the end of 2004 the Commission will take stock of progress made and assess whether further action at EU level will be needed.

Conclusion: Noted

N1-031052 : S3-030474, **To:** T3, CN1 **Type**: LS IN, **Title**: LS on 'Effects of service 27/38 on 2G/3G Interworking and emergency call'.

Discussion : SA3 have made the following change "An ME with a USIM that does not support GSM cipher key derivation (Feature 1) …. cannot operate in any GSM BSS ***with 64-bit key ciphering enable***". CN1 is asked to review the change and see if any corresponding change on 24.008 is needed. CN1 agrees the principle and CN1 specification 24.008 subclause 4.7.7.8 already covers this change by SA3. It explicitly puts the burden of deriving the keys on the USIM and therefore a USIM with no algorithm can not support the procedure.No related CRs to this meeting, but seems as 24.008 is OK. T3 could be informed that we agree on the procedure but that no changes are needed to 24.008.

Conclusion: LS OUT by Robert/Siemens in 1201

N1-031185 : CN Chairman and Vice-Chairman, CN WGs Chairmen, N3-030561 **To:** CN WGs, **Cc:** , **Type**: LS IN, **Title**: CN's view on possible re-organisation of 3GPP charging specification work

Discussion : See also 988 and 1187. Possible transfer of charging work from SA5 to CN. What, if any, is the CN1 impact? What changes of responsibilities can be done in Rel-6 time frame considering that SA5 wanted to complete that before substantial reorganization of responsibilities. Integration of SA5 SWGB is proposed moved to CN1 if so decided by SA5. In the earlier LS from SA5 it was said that the resource problem was solved. It was thought as a question of where the stage 3 charging people would go and if the stage 3 shold integrate with CN1 rather than SA5 documentation. SWGB has upto 8 one weeks meetings a year. The SA2 and CN WGs certainly has much involvment in charging and charging is also much in the scope of CN3 and CN4 as well. Besides the SWGB was thought still to be in resource difficulties by some.

Conclusion: LS OUT by Keith/Lucent in 1197 directed to Stephen Hayes for CN consolidated answer.

N1-031186 : S2-033235, **To:** SA3, **Cc:** CN1, CN4, SA5, **Type**: LS IN, **Title**: LS Response on new interface names

Discussion : The proposed interface names for interfaces A, B, C and D are Ub, Ua, Bb, and Ba.

Conclusion: Noted

N1-031187 : S2-033236, **To:** SA5, **Cc:** SA, CN1, CN2, CN3, CN4, CN5, **Type**: LS IN, **Title**: Reply LS on possible re-organisation of 3GPP charging specification work

Discussion : See also 988 and 1185. SA2 comment on the SA5 charging SWGB work reorganization. Currently quite many WGs are working with charging issues, but the point of the initial SA5 LS in N1-030988 was what happens to the SA5 SWGB owned documents on charging?

Conclusion: Noted

N1-031188 : S2-033237, **To:** CN1, CN4, **Cc:** , **Type**: LS IN, **Title**: LS on P-TMSI signature validation functionality in R99

Discussion : SA2 asks CN1 to confirm whether the requirement in R99 to delete the P-TMSI signature at successful detach applies to both UE and network? Should the P-TMSI signature be deleted unconditionally, or only when included in detach?
Postponed for offline discussions. Answer to first question is YES, and the second is answered with: the SGSN shall delete P-TMSI signature only when the UE included it in Detach Request message.

Conclusion: LS OUT by Hannu in 1315

N1-031189 : S2-033238, **To:** GERAN,, **Cc:** RAN2, CN1, SA1, **Type**: LS IN, **Title**: Reply LS on "Broadcast and PLMN selection for shared RAN"

Discussion : The maximum numbers of PLMNs sharing a RAN is 5, if this can be extended in later versions of protocol. If non-extensible mechanism is designed, the maximum should be at least 10.

Conclusion: Noted

N1-031190 : S2-033239, **To:** CN1, SA1, RAN2, **Cc:** GERAN, **Type**: LS IN, **Title**: LS on further guidance for Network Sharing in Rel-6

Discussion : SA2 agree with CN1 working assumptions in network sharing with one exception. They see that sharing partners need to have the freedom to use different NMO.
- Multiple PLMN (MCC + MNC) information will be broadcast via the shared AN cells.
- Cell selection and re-selection concepts are to be kept as they are, for as long as possible.
- LA / RA concepts are to be kept as they are, for as long as possible.
- All UEs accessing any of the PLMNs via the shared AN should see the same LA / RA identities and borders to avoid problems with old mobiles, cell planning interactions with LA, and National roaming and regional provision concepts.
- Network sharing partners should be able to broadcast different NMOs in the system information of the shared network since this allows the sharing partners to decide upon internal core network architecture individually.
- Legacy mobiles must be supported.

Conclusion: Noted

N1-031191 : S2-033218, **To:** RAN3, **Cc:** RAN2, GERAN2, CN1, SA1, **Type**: LS IN, **Title**: Response to RAN assumptions on MBMS

Discussion : SA2 informs RAN3 about the latest progress of MBMS specifications in SA2.

Conclusion: Noted

N1-031192 : S2-033168, **To:** RAN3, **Cc:** RAN2, CN1, **Type**: LS IN, **Title**: LS on a new Question about RAN Assumption

Discussion : SA2 ask RAN3 if the "MBMS Registration Response" message is necessary or could the "Session Start Request sent from SGSN to RNC act as the response message registration request?

Conclusion: Noted

N1-031230 : T3-030693, **To:** S3, CN1, **Cc:** , **Type**: LS IN, **Title**: LS on the effects of USIM services 27 and 38

Discussion : 3G mobile with USIM that contains no 2G AKA or procedures to derive 64 bit keys can not access 2G networks. CN1 replies to SA3 in N1-031201. N1-031052 from SA3 and N1-031230 from T3 are related.

Conclusion: Noted

N1-031260 : R2-031924, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: Reply LS on RAN WG2 terminology and impacts on CN WG1 specifications (PLMN selection)

Discussion : CN1 sees that the best way is not to enumerate those RRC states where the UE is in idle mode even though the RRC is in connected mode. Instead, a more general statement of this in the scope of 23.122 is supported. It is assumed that RAN2 defines the precise RRC states within 25.331.

Conclusion: LS OUT by Hannu/Nokia in 1272

N1-031269 : GP-032204, **To:** CN1, **Cc:** , **Type**: LS IN, **Title**: LS on introduction of mobile station multislot power classes

Discussion : The related CRs are distributed in N1-031270 – 1271.

Conclusion: Noted

4 TSG CN WG1 Work Plan

N1-030949 : MCC, **Type**: REPORT, **Title**: CN1 specification responsibility list after plenary#20

Discussion : Check your companies rapporteurs presence to 3GPP meetings, and please indicate to MCC and CN1 chairman if changes are needed.

Conclusion : Noted

N1-030950 : MCC, **Type**: WORKPLAN, **Title**: Latest workplan for review

Discussion : The CN1 agreements for changes to the workplan are shown in 1323.

32045 Emergency for December. SA1 meeting on the issue was held this month. Stage 2 is stable end of April, - download on emergency URIs? CN1 completion proposed for June.

32021 on IMS2: 50% for Conferencing, Local Services stage 2 is an uncertainty and no clear input is given. But due to relation to emergency services it should also be June 2004. Additional capabilities is uncertain, but minimum for Rel-6 is used giving March 2004.

13011 Mm interface is left unchanged.

11032 on Access independance is just starting and proposed unchanged on dates.

2503 Presence proposed to change the schedule to March 2004.

11030 MBMS is changed to March 2004 also (Only WID contribution on this for CN1#31), and raised to 25%.

11021 SES codec task has never been contributed to in CN1. SA2 needs to give guidance, or from SA4?

1403 WLAN IW raised to 5% and expected for March 2004, probably with additional CN1 meetings. Only Scenario 2 is described, what about scenario 3 where ongoing SA2 discussions continues. For that nothing is expected for CN1.

11043 on Network Sharing delayed to March 2004.

What about Subscriber Certificates, do CN1 need to have a task defined in the WP here? Some would like the WID updated before CN1 task is included in the WP. Agreed to wait.

Conclusion : Revised to 1323

N1-031323 : MCC, **Type**: WORKPLAN, **Title**: Latest workplan for review

Discussion : WP changes in exel version.

Conclusion : Agreed

5 Joint sessions

5.1 None

6 Corrections to old releases

6.1 Rel-4 and older releases

N1-031019 : 24.011v369 **CR#**028, Orange, **Type**: CR , **Title**: Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)

Discussion : On the Iu interface, SAPI in RANAP DIRECT TRANSFER message can take two values in the downlink direction: 0 or 3 (TS25.413). This RANAP message is used to transfer Mobile Terminated SMS. In TS25.331, it is indicated that SAPI 0 corresponds to 'high priority' data transfer on signalling connection whereas SAPI 3 corresponds to the 'low priority'. The use of values 0 or 3 leads to different behaviours in the RNC regarding the radio priority of this message and may also have impact on the dimensionning rules used for RNC.

There was a concern by several delegates that this CR is actually not correcting a serious error which would justify a correction to frozen and implemented release. MT-SMS is not the correct criteria since SMS messaging in DL direction as for MO-SMS is carried on SAPI 3. Essential correction was not agreed even the requirement needs to go somewhere.

Conclusion : Revised to 1250

N1-031250 : 24.011v369 **CR#**028r1, Orange, **Type**: CR , **Title**: Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)

Discussion : Essential correction was not agreed even the requirement is important, but should start from Rel-6. No disagreement on the contents and there was a consensus that normally SMS is sent over SAPI 3. This requirement could not be found anywhere in R99 specs, but was not seen as a serious error either, so the frozen releases were not changed.

Conclusion : Rejected

N1-031020 : 24.011v411 **CR#**029, Orange, **Type**: CR , **Title**: Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)

Discussion :

Conclusion : Revised to 1251

N1-031251 : 24.011v411 **CR#**029r1, Orange, **Type**: CR , **Title**: Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)

Discussion :

Conclusion : Rejected

N1-031021 : 24.011v520 **CR#**030, Orange, **Type**: CR , **Title**: Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)

Discussion :

Conclusion : Revised to 1252

N1-031252 : 24.011v520 **CR#**030r1, Orange, **Type**: CR , **Title**: Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)

Discussion : This version will be translated from Rel-5 to Rel-6.

Conclusion : Rejected

N1-031325 : 24.011v520 **CR#**031, Orange, **Type**: CR , **Title**: Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)

Discussion : This version is Rel-6 with cat F and workitem to be used is TEI6.

Conclusion : Agreed

N1-031039 : 29.018v3a0, **CR#**036, NTTDoCoMo, **Type**: CR , **Title**: Aligning IMEI in 29.018 with 23.003

Discussion : There is a misalignment between 23.003 v3.12.0 and 29.018 v3.10.0. This is due to the change request submitted to CN#16 as NP-020258, which was agreed to change the structure of IMEI and IMEISV to combine the TAC and FAC fields. These corrections were not reflected to IMEI IE and IMEISV IE in TS 29.018.

Conclusion : Agreed

N1-031040 : 29.018v440, **CR#**037, NTTDoCoMo, **Type**: CR , **Title**: Aligning IMEI in 29.018 with 23.003

Discussion :

Conclusion : Agreed

N1-031041 : 29.018v540, **CR#**038, NTTDoCoMo, **Type**: CR , **Title**: Aligning IMEI in 29.018 with 23.003

Discussion :

Conclusion : Agreed

N1-031053 : 23.122v390, **CR#**059, Nokia, **Type**: CR , **Title**: Removal of RPLMNAcT field

Discussion : In N1-021555 (IN LS from TSG T) TSG T asked whether T3 could go ahead on the deletion of EFRPLMNAcT, because in the understanding of TSG T this field has only meaning for MS supporting GSM Compact and some problems of its usage and definition have been detected by TSG T. At the same time, TSG T pointed out that the deletion "would however require a small modification of TS 23.122 to change the storage of the information whether or not the last registered PLMN has been identified to support GSM Compact from the SIM/USIM to the ME". At the CN1#25 meeting CN1 noted the IN LS and stated in the minutes: "Noted. CN1 agreed the proposal in principle but no CRs were presented to this meeting yet. CRs from interested companies were invited for the next CN1 meeting". However, no contributions on this topic have been seen at CN1. Hence, CN1 has not fulfilled with the decision and T3 repeat their request in LS N1-030970 / T3-030462.

Conclusion : Agreed

N1-031054 : 23.122v430, **CR#**060, Nokia, **Type**: CR , **Title**: Removal of RPLMNAcT field

Discussion :

Conclusion : Agreed

N1-031055 : 23.122v520 **CR#**061, Nokia, **Type**: CR , **Title**: Removal of RPLMNAcT field

Discussion :

Conclusion : Agreed

N1-031058 : 24.008v3g0 **CR#**800, Siemens, **Type**: CR , **Title**: TFT error handling

Discussion : The error handling for TFT operations is defined in such a way that any kind of inconsistency between the TFT configuration stored in the network and the MS will result in an error when the MS requests a creation, deletion, or change of the TFT. Two major reasons could cause problems:
1) The first one is the re-transmission scheme defined in the SM protocol. One example would be that the MS creates a new TFT for an activated PDP context with a PDP Context Modification procedure. The network receives the PDP Context Modification message, stores the TFT configuration and answers with a PDP Modification Accept. If this PDP Modification Accept message gets lost, the SM will trigger a re-transmission of the message containing the same TFT data again. Now the network will, according to 24.008, sec. 6.1.3.3.3, detect a "Semantic error in TFT operations" bullet point "a) I", and will answer with a PDP context Modification Reject. The result is that the modification procedure is terminated, with different TFT configurations in the MS and in the SGSN.
2) The other reason is that the MS or network may deactivate PDP contexts locally, e.g. in an out of coverage situation. Here both for the Secondary PDP Context Activation procedure and the MS initiated PDP Context Modification procedure, the current TFT error handling definitions can cause the failure of the procedure.
In both cases the TFT error handling is in contradiction to the overall principle for the handling of any kind of collision and error situations in the SM protocol, where the old configuration is always superseded by the new requested one. This principle follows the assumption that the signalling link could be disturbed and thus certain message could be lost. The current TFT error handling, however, will make any re-synchronisation de facto impossible once an asynchrony has occurred. Especially the re-transmission case is considered to be quite critical.

Commented that this was not considered a frequent occuring error for old specifications. Applies to the network since the MS is only indirectly affected. Could be an enhancement to a later release. The way to solve it is to deactivate the PDP context and set up a new one by the user. Even more seldom error scenario for secondary PDP contexts.

Conclusion : Withdrawn

N1-031059 : 24.008v4b0 **CR#**801, Siemens, **Type**: CR , **Title**: TFT error handling

Discussion :

Conclusion : Withdrawn

N1-031060 : 24.008v580 **CR#**802, Siemens, **Type**: CR , **Title**: TFT error handling

Discussion :

Conclusion : Postponed

N1-031061 : 24.008v610 **CR#**803, Siemens, **Type**: CR , **Title**: TFT error handling

Discussion :

Conclusion : Postponed

N1-031062 : 03.68v820 **CR#**A034, Siemens, **Type**: CR , **Title**: Correction of uplink release management

Discussion : 1) There are several different cases of uplink release management that are not specified in sufficient detail. This results in different implementations, thus causing IOT problems.
2) Inconsistency between SDL and procedural description whether the anchor MSC or the relay MSC will initiate the release of the dedicated connection between both MSCs.

Sheet 5 of 6 needs to be corrected, and with this modification the SDLs will also be provided by Siemens to be included in the TS zipfile. The numbering of notes will have a solution in the revision.

Conclusion : Revised to 1202

N1-031202 : 03.68v820 **CR#**A034r1, Siemens, **Type**: CR , **Title**: Correction of uplink release management

Discussion :

Conclusion : Agreed

N1-031063 : 43.068v422 **CR#**009, Siemens, **Type**: CR , **Title**: Correction of uplink release management

Discussion : Numbering of notes from Rel-4 onwards already corrected by an earlier CR, otherwise as for 1062.

Conclusion : Revised to 1203

N1-031203 : 43.068v422 **CR#**009r1, Siemens, **Type**: CR , **Title**: Correction of uplink release management

Discussion :

Conclusion : Agreed

N1-031064 : 43.068v520 **CR#**010, Siemens, **Type**: CR , **Title**: Correction of uplink release management

Discussion :

Conclusion : Revised to 1204

N1-031204 : 43.068v520 **CR#**010r1, Siemens, **Type**: CR , **Title**: Correction of uplink release management

Discussion :

Conclusion : Agreed

N1-031065 : 24.008v3g0 **CR#**804, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : TS 24.008 is aligned with TS 27.001 and TS 29.007, i.e. the option to accept a multimedia call with 2 BC IEs in the SETUP message by returning a CALL CONFIRMED or a CALL PROCEEDING message without BC IE is added.

The severity of the mismatch between CN1 and CN3 TSs were discussed. In the case when only multimedia is requested with one BC, the response must include one BC IE and therefore the CR need to be revised. Also the content of 1000 and 1002 will be merged into this and the mirror revisions. It is the intention to treat these revisions early so that CN3 can do their part.

Conclusion : Revised to 1221

N1-031221 : 24.008v3g0 **CR#**804r1, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : Not presented.

Conclusion : Revised to 1317

N1-031317 : 24.008v3g0 **CR#**804r2, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : Corresponding CRs from CN3 are expected to CN#21 plenary also, but no formal linking was defined.

Conclusion : Agreed

N1-031066 : 24.008v4b0 **CR#**805, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion :

Conclusion : Revised to 1222

N1-031222 : 24.008v4b0 **CR#**805r1, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : Not presented.

Conclusion : Revised to 1318

N1-031318 : 24.008v4b0 **CR#**805r2, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : Corresponding CRs from CN3 are expected to CN#21 plenary also, but no formal linking was defined.

Conclusion : Agreed

N1-031067 : 24.008v580 **CR#**806, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion :

Conclusion : Revised to 1223

N1-031223 : 24.008v580 **CR#**806r1, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : Not presented.

Conclusion : Revised to 1319

N1-031319 : 24.008v580 **CR#**806r2, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : This Rel-5 version has some changes compared to R99 and Rel-4 because of SCUDIF was introduced. Corresponding CRs from CN3 are expected to CN#21 plenary also, but no formal linking was defined.

Conclusion : Agreed

N1-031068 : 24.008v610 **CR#**807, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion :

Conclusion : Revised to 1224

N1-031224 : 24.008v610 **CR#**807r1, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : Not presented.

Conclusion : Revised to 1320

N1-031320 : 24.008v610 **CR#**807r2, Siemens, **Type**: CR , **Title**: Clarification of BC negotiation for multimedia calls

Discussion : Corresponding CRs from CN3 are expected to CN#21 plenary also, but no formal linking was defined.

Conclusion : Agreed

N1-031076 : 03.68v551 **CR#**A035, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion : In CN1 #13, CR 003 against 43.068 was approved to update the definition of the Group ID, Group Call Area ID and Group Call Reference. This change was not mirrored back in to previous releases. However, the approval of this change has resulted in inconsistency across the specification for R99 and prior and R4 onwards. 03.68 for R99 and before refers to each of the parameters as being 'binary' where as R4 onwards refers to these as 'decimal'. The reality is that the parameters are binary encoded on the radio, A and Abis interfaces and are stored on the MS as BCD encoded and also are communicated on the MAP interface as BCD encoded. This change clarifies and corrects the definition.

'Clarification' to be corrected, to become 'correction'. Example to be made using the example style. Change to the cover page text.

Conclusion : Revised to 1205

N1-031205 : 03.68v551 **CR#**A035r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031077 : 03.68v630 **CR#**A036, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to 1206

N1-031206 : 03.68v630 **CR#**A036r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031078 : 03.68v720 **CR#**A037, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to 1207

N1-031207 : 03.68v720 **CR#**A037r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031079 : 03.68v820 **CR#**A038, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to 1208

N1-031208 : 03.68v820 **CR#**A038r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031080 : 43.068v422 **CR#**011, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to 1209

N1-031209 : 43.068v422 **CR#**011r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031081 : 43.068v520 **CR#**012, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to 1210

N1-031210 : 43.068v520 **CR#**012r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031082 : 03.69v551 **CR#**A024, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion : Same revisions needed as for 1076.

Conclusion : Revised to1211

N1-031211 : 03.69v551 **CR#**A024r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031083 : 03.69v630 **CR#**A025, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to1212

N1-031212 : 03.69v630 **CR#**A025r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031084 : 03.69v720 **CR#**A026, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to1213

N1-031213 : 03.69v720 **CR#**A026r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031085 : 03.69v820 **CR#**A027, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to1214

N1-031214 : 03.69v820 **CR#**A027r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031086 : 43.069v422 **CR#**008, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to1215

N1-031215 : 43.069v422 **CR#**008r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031087 : 43.069v520 **CR#**009, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Revised to1216

N1-031216 : 43.069v520 **CR#**009r1, Nortel, **Type**: CR , **Title**: Correction to definition of Group-ID, Group call area ID and Group Call Reference

Discussion :

Conclusion : Agreed

N1-031095 : 24.008v3g0 **CR#**810, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion : Revised before presentation. But comments were requested before the revisions were provided. The word reserved exists and needs to be modified also. Related with incoming LS from GERAN in N1-030968.

Conclusion : Revised to N1-031180

N1-031180 : 24.008v3g0 **CR#**810r1, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion :

Conclusion : Agreed

N1-031096 : 24.008v4b0 **CR#**811, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion : Revised before presentation.

Conclusion : Revised to N1-031181

N1-031181 : 24.008v4a0 **CR#**811r1, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion :

Conclusion : Agreed

N1-031097 : 24.008v580 **CR#**812, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion : Revised before presentation.

Conclusion : Revised to N1-031182

N1-031182 : 24.008v580 **CR#**812r1, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion :

Conclusion : Agreed

N1-031098 : 24.008v610 **CR#**813, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion : Revised before presentation.

Conclusion : Revised to N1-031183

N1-031183 : 24.008v610 **CR#**813r1, Nokia, **Type**: CR , **Title**: Change of DTM core capability

Discussion :

Conclusion : Agreed

N1-031173 : 24.007v410 **CR#**058, HSS, **Type**: CR , **Title**: Addition of RR_PAGE_IND primitive in the RR-SAP on the MS side

Discussion : Mirror CRs are needed. Was HSS or a representative present in the meeting for eventual presentation?

Conclusion : Not treated due to time

7 Release 5

7.1 Non-IMS Rel-5 corrections

N1-030998 : 24.008v580 **CR#**747, Ericsson, **Type**: CR, **Title**: Correction of the static conditions for the bearer capability IE contents

Discussion : The approved CR N1-030673 corrects the static conditions for the BC IE removing the condition "For GSM". However, this has to be corrected in the static conditions for the 'backup' BC IE too.

Conclusion : Agreed

N1-030999 : 24.008v610 **CR#**787, Ericsson, **Type**: CR, **Title**: Correction of the static conditions for the bearer capability IE contents

Discussion :

Conclusion : Agreed

N1-031000 : 24.008v580 **CR#**788, Ericsson, **Type**: CR, **Title**: 'no BC' option

Discussion : The option to accept a mobile terminated analogue multimedia call with 2 BC IEs in the SETUP message by returning a CALL CONFIRMED message without BC IE is deleted except for SCUDIF (Service Change and UDI/RDI Fallback). The sub clause 9.3.2.2 allows to return the CALL CONFIRMED message without BC-IE included for SCUDIF only.

Some proposed revision was to be discussed offline and that the issue be integrated in the Siemens proposal from R99. And thus avoid changes to the CN3 specifications and adding the 'no BC' option. See 1317 to 1320.

Conclusion : Withdrawn

N1-031001 : 24.008v610 **CR#**789, Ericsson, **Type**: CR, **Title**: 'no BC' option

Discussion :

Conclusion : Withdrawn

N1-031002 : 24.008v580 **CR#**790, Ericsson, **Type**: CR, **Title**: Inclusion of the BC IE in the CALL PROCEEDING message

Discussion :

Conclusion : Withdrawn

N1-031003 : 24.008v610 **CR#**791, Ericsson, **Type**: CR, **Title**: Inclusion of the BC IE in the CALL PROCEEDING message

Discussion :

Conclusion : Withdrawn

N1-031004 : 24.008v580 **CR#**792, Ericsson, **Type**: CR, **Title**: Deletion of EFRPLMNAcT

Discussion : In N1-021555 (IN LS from TSG T) TSG T asked whether T3 could go ahead on the deletion of EFRPLMNAcT, because in the understanding of TSG T this field has only meaning for MS supporting GSM Compact and some problems of its usage and definition have been detected by TSG T. At the same time, TSG T pointed out that the deletion "would however require a small modification of TS 23.122 to change the storage of the information

whether or not the last registered PLMN has been identified to support GSM Compact from the SIM/USIM to the ME". At the CN1#25 meeting CN1 noted the IN LS and stated in the minutes: "Noted. CN1 agreed the proposal in principle but no CRs were presented to this meeting yet. CRs from interested companies were invited for the next CN1 meeting". However, no contributions on this topic have been seen at CN1. Hence, CN1 has not fulfilled with the decision. At present, there are refences to EFRPLMNAcT in TS 24.008 from Rel-5 onwards. TS 24.008 mandates all kind of terminals to update this field at successful LA updating, GPRS attach, RAU and combined procedures (i.e. whenever EFLOCI and EFPSLOCI are stored). Finally, T3 repeats the request again in the IN LS N1-030970 / T3-030462.

Conclusion : Agreed

N1-031005 : 24.008v610 **CR#**793, Ericsson, **Type**: CR, **Title**: Deletion of EFRPLMNAcT

Discussion : The problem does not exist in R99 and Rel-4 version of 24.008 so only Rel-5 and Rel-6 CRs are needed.

Conclusion : Agreed

N1-031006 : 24.008v580 **CR#**794, Ericsson, **Type**: CR, **Title**: Clarification of handover - BC-IE

Discussion : It is clarified that it is mandatory to forward the multislot parameters at inter-system handover from UTRAN Iu mode to A/Gb or GERAN Iu mode. In the note 2 is clarified that the MaxNumTCH, WAIUR and UIMI parameters are needed in order to avoid renegotiation of RLP version at inter-system handover from UTRAN Iu mode to A/Gb or GERAN Iu mode. A reference to TS 23.034 is added in the section 2.

Is this covered in 23.009. Probably not in this detailed level. Rewording needed because it is also valid for GSM to GSM handover. One proposal was to say only handover and relocation which needs reference to another TS.

Conclusion : Revised to 1225

N1-031225 : 24.008v580 **CR#**794r1, Ericsson, **Type**: CR, **Title**: Clarification of handover - BC-IE

Discussion :

Conclusion : Agreed

N1-031007 : 24.008v610 **CR#**795, Ericsson, **Type**: CR, **Title**: Clarification of handover - BC-IE

Discussion :

Conclusion : Revised to 1226

N1-031226 : 24.008v610 **CR#**795r1, Ericsson, **Type**: CR, **Title**: Clarification of handover - BC-IE

Discussion :

Conclusion : Agreed

N1-031042 : 24.008v580 **CR#**796, NEC, **Type**: CR, **Title**: Support of the maximum bit rate for HSDPA

Discussion : At the last CN1 meeting, the previous version of this CR was presented and discussed in light of the e-mail discussion within RAN3 reflector. The result of the discussion was to postpne to the next CN1 meeting in order to wait for the results of SA2 discussion so that this is a little bit disappointment for several companies. This alignment issue for HSDPA was also recognized at TSG-SA#20 and described in TSG-SA#20 draft report as follows:
Slide 15: HSDPA. It was noted that although this is complete, it may need to be checked for alignment with CN WG1 and SA WG2 (are changes needed for the QoS IE as HSPDA can theoretically operate at speeds higher than the Highest specified QoS Class?). This was considered true for a number of completed items and WGs were allowed to question such things on completed items.
Then, at the last SA2#33, CR against 23.107 regarding the alignment of QoS for HSDPA was finally agreed together with outgoing LS towards CN1 and RAN3 for requesting the relevant TSs to change accordingly .
Thus, this CR is revised from the previous one based on the comments received during the last meeting. It is proposed to change the relevant subclauses for QoS related procedures, SM messages formats and QoS or new extended QoS IE codings in 24.008.

29.060 needs to do some change due to the CR, and therefore it was proposed to expand with a new octet for easier update. The SM deviates from the CS procedures and the complication would be reduced by introducing a new octet. CN1 decided to go for an octet extension to the existing QoS IE instead of a new IE. This approach of QoS extension has happened both in Rel-99 and Rel-5 for QoS IE and so is not a new way forward. Additionally clarifications and

encoding, e.g. for the uplink direction, for the new revision was made. The feature affects also the radio network is ticked on the cover page, but is not correct for the CR. The notes are not needed. Is the CRs to CN4 going to be ready for the September plenary, since CN4 may not accept late docs for this week's meeting. Clarification is needed if high speed downlink go over 2 Mbits the coding is according to the new coding and for speeds below the old encoding is used.

Conclusion : Revised to 1227

N1-031227 : 24.008v580 **CR#**796r1, NEC, **Type**: CR, **Title**: Support of the maximum bit rate for HSDPA

Discussion : For future should extension bit 8 be used, contrary to CN1 tradition? If extension bit is not understood it is passed on. The related linked CN4 CRs turned out not to be agreed in CN4 during this meeting. Since the linking to these CN4 CRs are defined on the coverpage the package should go to a plenary together. Therefore the status was changed from Agreed to Postponed at the end of CN1#31 meeting. The originator was asked to bring the contributions to next CN1 meeting since the specification reference would change and for improved tracking.

Conclusion : Postponed

N1-031043 : 24.008v610 **CR#**797, NEC, **Type**: CR, **Title**: Support of the maximum bit rate for HSDPA

Discussion :

Conclusion : Revised to 1228

N1-031228 : 24.008v610 **CR#**797r1, NEC, **Type**: CR, **Title**: Support of the maximum bit rate for HSDPA

Discussion : The related linked CN4 CRs turned out not to be agreed in CN4 during this meeting. Therefore the status was changed from Agreed to Postponed.

Conclusion : Postponed

N1-031071 : 24.008v580 **CR#**808, Nortel, **Type**: CR, **Title**: Request for Multiple Identities

Discussion :

Conclusion : Not available

N1-031072 : 24.008v610 **CR#**809, Nortel, **Type**: CR, **Title**: Request for Multiple Identities

Discussion :

Conclusion : Not available

N1-031073 : 44.065v500 **CR#**006, Nortel, **Type**: CR, **Title**: Correction to References

Discussion : Revised before presentation.

Conclusion : Revised to 1178

N1-031178 : 44.065v500 **CR#**006r1, Nortel, **Type**: CR, **Title**: Correction to References

Discussion : From the Change History, 44.065 v5.0.0 was created from 44.065 v4.1.0. After this, CR 002 on Correction of References was agreed and included in 44.065 v4.2.0. However, this change was not made to 44.065 v5.0.0 and then to v6.0.0.

One reference too much in subclause 5.1.2.23.

Conclusion : Revised 1229

N1-031229 : 44.065v500 **CR#**006r2, Nortel, **Type**: CR, **Title**: Correction to References

Discussion :

Conclusion : Agreed

N1-031074 : 44.065v600 **CR#**007, Nortel, **Type**: CR, **Title**: Correction to References

Discussion :

Conclusion : Agreed

N1-031088 : 43.068v520 **CR#**013, Nortel, **Type**: CR, **Title**: Correction to MS Late Entry description

Discussion : In CR 008r4 approved at CN Plenary #18, the functionality for Late Entry of a UE in Voice Group Call Service was described. This function is used so that during establishment of a railway emergency call, ASCI capable mobiles engaged in another call receive a notification on the FACCH about this call. When a railway emergency call is ongoing in an area and a user moves into this area via handover (engaged in another call), this notification on FACCH was not provided, but was introduced in CR008r4. In this CR, the situation for late entry in dedicated mode and late entry in group receive or group transmit mode are considered to be the same. This is not actually the case and so the description needs to be corrected.

Offline discussion needed to see which message to use? ASCI is not defined for Rel-5 and therefore TEI5 shall be used.

Conclusion : Revised to 1217

N1-031217 : 43.068v520 **CR#**013r1, Nortel, **Type**: CR, **Title**: Correction to MS Late Entry description

Discussion :

Conclusion : Agreed

N1-031089 : 43.069v520 **CR#**010, Nortel, **Type**: CR, **Title**: Correction to MS Late Entry description

Discussion : Same as for 1088.

Conclusion : Revised to 1218

N1-031218 : 43.069v520 **CR#**010r1, Nortel, **Type**: CR, **Title**: Correction to MS Late Entry description

Discussion :

Conclusion : Agreed

N1-031099 : 23.009v550 **CR#**099, Nokia, **Type**: CR, **Title**: Correction to UESBI-Iu definition

Discussion : Revised before presentation, but kept during the meeting and then presented. LS from SA2 (N1-030975) indicating that the definition of UESBI-Iu is currently not in line with TS 23.195 where the term 'RAN' is used which includes also GERAN.

Conclusion : Agreed

N1-031184 : 23.009v550 **CR#**099r1, Nokia, **Type**: CR, **Title**: Correction to UESBI-Iu definition

Discussion : Not presented.

Conclusion : Withdrawn

N1-031120 : 29.018v540 **CR#**039, Vodafone, **Type**: CR, **Title**: Correction to location update procedures in VLR

Discussion : SA2 have indicated to CN1 that the recently added wording for the handling of the 'early UE' feature is restrictive. The Requirement is that in the case where the combined update procedure is used and the SGSN did not send the IMEISV to the VLR, then the VLR should be able to obtain the IMEISV in other ways. Currently, the specification states that using the DTAP IDENTITY REQUEST/RESPONSE procedure is the way to do this. However, there is an alternative way of doing this. Where GSM is the radio access, the VLR can use the cipher mode command procedure to obtain the IMEISV. This needs to be reflected in 29.018.

Conclusion : Agreed

N1-031270 : 24.008v580 **CR#**814, Ericsson/Nokia, **Type**: CR, **Title**: Introduction of mobile station multislot power classes

Discussion : Multislot power capability parameters added to Classmark 3 and MS RAC.

No justification for an essential correction on the cover page, for modification of a feature. Plus some rewordings was requested. It was agreed that the consequences if not approved justifies treating the CRs as essential correction.

Conclusion : Revised to 1311

N1-031311 : 24.008v580 **CR#**814r1, Ericsson/Nokia, **Type**: CR, **Title**: Introduction of mobile station multislot power classes

Discussion :

Conclusion : Agreed

N1-031271 : 24.008v610 **CR#**815, Ericsson/Nokia, **Type**: CR, **Title**: Introduction of mobile station multislot power classes

Discussion :

Conclusion : Revised to 1312

N1-031312 : 24.008v610 **CR#**815r1, Ericsson/Nokia, **Type**: CR, **Title**: Introduction of mobile station multislot power classes

Discussion :

Conclusion : Agreed

7.2 Draft specifications and other documents for information

N1-031053 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIPPING

Discussion :

Conclusion : Noted

N1-031054: Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIP

Discussion :

Conclusion : Noted

N1-031055 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on MMUSIC

Discussion :

Conclusion : Noted

7.3 IMS Registration

N1-030980 : 24.228v550 **CR#**112, 3, **Type**: CR, **Title**: Correction to description or RES/XTRES usage

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

Conclusion : Rejected

N1-030981 : 24.229v550 **CR#**442, 3, **Type**: CR, **Title**: Correction to description or RES/XTRES usage

Discussion : Text is changed to say that the response calculated using RES (and other parameters) is sent from the UE to the S-CSCF rather than RES itself. It is also clarified that the response is checked against an expected response calculated from XRES. RES and XRES are replaced with the term ‘authentication challenge response’ and ‘expected

challenge response' in a number of places, and the generation of the response and expected response is noted to be as per RFC3310 using RES/XRES in the appropriate places.

Comment that RES is sent as a response to authentication request, as described in 32.203 subclause 6.1.1. The issue was earlier adressed in SA3 and they seem to have a mismatch between their specifications about sending of RES/XRES. CN1 could not progress with 980 and 981 since it was agreed to align to existing SA3 TSs first. But after possible changes are made within SA3 to the possible identified error in stage 2, CN1 will see new CRs like these 2 on the issue.

Conclusion : Rejected

N1-030982 : 24.229v550 **CR#**443, 3, **Type**: CR, **Title**: SA lifetimes corrections (alignment with 33.203)

Discussion : The text about SA lifetimes is modified to reflect that the SA lifetime is set to the maximum of the existing lifetime or the latest registration (no reduction is allowed), and that SA are removed when last IMPU is deregistered. It is also modified to reflect SA3 decision that the SA lifetime should be set to something just greater than the register lifetime, so that the SA lifetime will expire after the registration. A time of 30 seconds is proposed.

Many people felt that seperate issues could be treated and aligned with SA3 seperately, while one camp would have a merge and completing the missing issues in that big CR. However unstable agreeable CRs should not be merged since they would risk all in one CR to fall in the plenary. Finally some editorials and corrections (e.g. some text instead of stating 30 seconds without clear reason) were agreed to be included in the revised version. This CR was revised to 1249 first, but later decided merged to the revision of 1241 into 1249.

Conclusion : Rejected

N1-031010 : 24.229v550 **CR#**445, Orange, **Type**: CR, **Title**: Download of all service profiles linked to PUID being registered and implicitly registered

Discussion : This CR clarifies in the stage 3 that, in the case a registration procedure leads to the registration of implicitly registered Public User Identities, Service Profiles of a user includes Service profiles associated to implicitly registered public user identities.

Conclusion : Agreed

N1-031011 : 24.228v550 **CR#**113, Orange, **Type**: CR, **Title**: Removal of address binding by P-CSCF in registration flows

Discussion : In several occurences, it is indicated that the P-CSCF stores the binding between the SIP URI and the terminal host address. This comes from previous version of the specification and is no more true (ie. the S-CSCF does this action).

What way would be a secure way of binding to the security association and/or the IP address? Thought to be implementation dependant. It is according to SIP protocol to delete the text, but the IMS is a system and uses many protocols so the system should be specified regarding the binding. 24.228 is examples that could show a solution to this issue not revealed in the protocols. Besides the binding is defined in the S-CSCF as a registrar. This however was questioned since it was believed that S-CSCF could get to it.

Conclusion : Agreed

N1-031015 : 24.229v550 **CR#**446, Siemens, **Type**: CR, **Title**: Update Handling of Security Association

Discussion : SA3 has changed the handling of security association significantly. The current description of the handling of secuity association in 24.229 is not inline with this change. Between the UE and the P-CSCF 2 pairs of unidirectional security associations are setup during authentication. The UE assigns two ports (a client and a server port) with each pair.SA. The P-CSCF assigns two ports (a client and a server port) with each pair of SA.
The Security-Client header is inserted in the protected REGISTER afer having received 401.

For details see the stage2 was found incorrect as stage 3 should be refered. Refer to Annex H. The discussion on alignment to SA3 and grouping versus problem following all contributions on security issues came up again. Either repeat all parameters from Annex H or avoid any dublication. Also editorial comments to be provided offline. Cover page not ticked for test specs.

Conclusion : Revised to 1261

N1-031261 : 24.229v550 **CR#**446r1, Siemens, **Type**: CR, **Title**: Update Handling of Security Association

Discussion : Not presented.

Conclusion : Revised to 1284

N1-031284 : 24.229v550 **CR#**446r2, Siemens, **Type**: CR, **Title**: Update Handling of Security Association

Discussion : Not available.

Conclusion : Withdrawn

N1-031016 : 24.228v550 **CR#**115, Siemens, **Type**: CR, **Title**: Update Handling of SA chap_6_7_8

Discussion : Implementing the changes from 1015 into the example flows. The flows on reregistration was to be changed regarding parameter inclusion. Cover page not ticked for test specs.

Conclusion : Revised to 1262

N1-031262 : 24.228v550 **CR#**115r1, Siemens, **Type**: CR, **Title**: Update Handling of SA chap_6_7_8

Discussion :

Conclusion : Agreed

N1-031017 : 24.228v550 **CR#**116, Siemens, **Type**: CR, **Title**: Update Handling of SA chap_ 10

Discussion : Implementing the changes from 1015 into the example flows. Only cover page need to be ticked for test specs and O&M specs.

Conclusion : Revised to 1263

N1-031263 : 24.228v550 **CR#**116r1, Siemens, **Type**: CR, **Title**: Update Handling of SA chap_ 10

Discussion :

Conclusion : Agreed

N1-031018 : 24.228v550 **CR#**117, Siemens, **Type**: CR, **Title**: Update Handling of SA chap_16_17_18

Discussion : Implementing the changes from 1015 into the example flows. Else as for 1016.

Conclusion : Revised to 1264

N1-031264 : 24.228v550 **CR#**117r1, Siemens, **Type**: CR, **Title**: Update Handling of SA chap_16_17_18

Discussion :

Conclusion : Agreed

N1-031022 : 24.229v550 **CR#**447, Lucent T., **Type**: CR, **Title**: Security-Client header in REGISTER request

Discussion : Revised before presentation.

Conclusion : Revised to 1240

N1-031240 : 24.229v550 **CR#**447r1, Lucent T., **Type**: CR, **Title**: Security-Client header in REGISTER request

Discussion : Security-Client header that is included in each REGISTER request should convey information that enables UE and P-CSCF establish a new SA, if needed. In addition, the UE must include in the Contact header in each registration request the value for its protected server port.

This CR is overlapping with 1015 which was revised. Only the word new and another point is merged into 1261.

Conclusion : Rejected

N1-031023 : 24.229v550 **CR#**448, Lucent T., **Type**: CR, **Title**: Authentication at UE

Discussion : Revised before presentation.

Conclusion : Revised to 1241

N1-031241 : 24.229v550 **CR#**448r1, Lucent T., **Type**: CR, **Title**: Authentication at UE

Discussion : The usage of the Security-Client header during the authentication is not clearly defined. In addition, during the authentication procedure the lifetime of the new SA at the UE is set to a temporary value that is long enough to permit the UE to finalize the registration procedure.

The correction on SA lifetime collides with 982 and that part here goes eventually to the revision of 982, and agreeing on a consistent terminology. Only MAC and RES failure will not be challenged from the network again. When UE receives 200(OK) the third bullet point was questioned since being prepared to receive on old and new SA is vague text. Initial registration does not mean that there does not exist a SA, but this statement was questioned. Again it was requested to merge into one CR for security issues, which was not acceptable to most people due to multiple subjects. Agreed to take 982 CR into this new revised document 1249.

Conclusion : Revised to 1249

N1-031249 : 24.229v550 **CR#**448r2, Lucent T., **Type**: CR, **Title**: Authentication at UE

Discussion : Commented that some more specific text should have been done to supported the implementation. The list of parameters are in Annex H. Remove inserted and then deleted text.

Conclusion : Revised to 1326

N1-031326 : 24.229v550 **CR#**448r3, Lucent T., **Type**: CR, **Title**: Authentication at UE

Discussion :

Conclusion : Agreed

N1-031024 : 24.229v550 **CR#**449, Lucent T., **Type**: CR, **Title**: Nework authentication failure at the UE

Discussion : Revised before presentation.

Conclusion : Revised to 1242

N1-031242 : 24.229v550 **CR#**449r1, Lucent T., **Type**: CR, **Title**: Nework authentication failure at the UE

Discussion : Clarify that, upon failed network authentication, the subsequent registration uses an existing security association, if available. In addition, the new Security-Client header is set a values that will enable the UE and P-CSCF to establish a new SA.

Even though RES is alignment with SA3 it was felt that this was incorrect and thus may be corrected later on. The procedures on what to check in abnormal cases at P-CSCF when receiving the authentication response from UE was discussed with reference to 33.203. The RES was agreed to stay even the checking of its existense was questioned.

Conclusion : Agreed

N1-031025 : 24.229v550 **CR#**450, Lucent T., **Type**: CR, **Title**: Authentication failure at the UE

Discussion : Subclause 5.4.1.2.3 specifies that the S-CSCF may respond with a 403 (Forbiden) response if the authentication attempt is to be abandoned. However, the procedure at the UE doesn't explicitly specify the action that the UE should take in this case.

This requirement shall go into the section for abnormal cases. A (fixed time or a) minimum time could be better?

Conclusion : Revised to 1275

N1-031275 : 24.229v550 **CR#**450r1, Lucent T., **Type**: CR, **Title**: Authentication failure at the UE

Discussion : Not available.

Conclusion : Withdrawn

N1-031026 : 24.229v550 **CR#**451, Lucent T., **Type**: CR, **Title**: Usage of the SA at the P-CSCF

Discussion : Revised before presentation.

Conclusion : Revised to 1243

N1-031243 : 24.229v550 **CR#**451r1, Lucent T., **Type**: CR, **Title**: Usage of the SA at the P-CSCF

Discussion : Clarify the P-CSCF behaviour during authentication.

Questioned if correct 24.229 version is used? Overlapping in 6.1 with the revised Siemens contribution. Should this document talk about SA establishment as pair, like in SA3 it is 2 security associations. But CN1 seems to only talk about one SA, representing the pair. No target release in indicated on cover page. It should be Rel-5.

Conclusion : Revised to 1273

N1-031273 : 24.229v550 **CR#**451r2, Lucent T., **Type**: CR, **Title**: Usage of the SA at the P-CSCF

Discussion : Some text to modify.

Conclusion : Revised to 1327

N1-031327 : 24.229v550 **CR#**451r3, Lucent T., **Type**: CR, **Title**: Handling of security association

Discussion :

Conclusion : Agreed

N1-031027 : 24.229v550 **CR#**452, Lucent T., **Type**: CR, **Title**: Re-authentication timer at S-CSCF

Discussion : Based on the current text, since the user may have multiple registrations, the lifetime of all of them should be shortend. However if the registration is successful (i.e., successful re-autentication), it will reset only the registration-liftime of the IMPU being registered.

Which registration to shorten, registration(s)? Only keep the corrected reference? Referencing UE parts for P-CSCF?

Conclusion : Revised to 1274

N1-031274 : 24.229v550 **CR#**452r1, Ericsson/Lucent T., **Type**: CR, **Title**: Re-authentication timer at S-CSCF

Discussion :

Conclusion : Agreed

N1-031028 : 24.229v550 **CR#**453, Lucent T., **Type**: CR, **Title**: The reg-await-auth timer expiration

Discussion : Currently the document 24.229 does not specify the procedure at the S-CSCF upon the reg-await-auth timer expiration. However the 33.203 states:" If the S-CSCF does not receive a response to an authentication within an acceptable time, it considers the authentication to have failed. If the IMPU was not already registered, the S-CSCF shall send a Cx-Put to the HSS to set the registration-flag for that IMPU to unregistered (see message CM3 in clause 6.1.2.2). If the IMPU was already registered, the S-CSCF does not change the registration-flag."

This could be stated in a note. And since it is an error case it should go to the section for abnormal cases. Since this change becomes a note and therefore an unessential correction it will be merged to a proper revision document.

Conclusion : Rejected

N1-031029 : 24.229v550 **CR#**454, Lucent T., **Type**: CR, **Title**: Setting the SA lifetime at UE during registration

Discussion : The document TS 33.203 states that - upon successful registration -the SA lifetime at the UE should be set to the maximum of either the existing SA lifetime, or the lifetime found in the Expires header of the 200 OK response to the REGISTER request.

This is a coliding CR and the parts surviving will be merged into 1249.

Conclusion : Rejected

N1-031030 : 24.229v550 **CR#**455, Lucent T., **Type**: CR, **Title**: Authentication failure at S-CSCF

Discussion : Revised before presentation.

Conclusion : Revised to 1244

N1-031244 : 24.229v550 **CR#**455r1, Lucent T., **Type**: CR, **Title**: Authentication failure at S-CSCF

Discussion : The document 33.203 specifies that if the integrity check passes but the RES or MAC is incorrect, the S-CSCF sends a 4xx Auth_Failure towards the UE indicating that authentication has failed. If the IMPU was not already registered, the S-CSCF shall send a Cx-Put to the HSS to set the registration-flag for that IMPU to unregistered. If the IMPU was already registered, the S-CSCF does not change the registration-flag. In addition, the document 33.203 specifies that in the case of synchronization failure, a re-synchronization with subsequent user authentication will be performed.

Check RES existense only if the timer is running. The new bullet 4 is inserted between 3 and old 4 which are linked, so moving new 4 one bullet up may be a way out, or put it in the end. After long discussions the end is that what can be saved from this CR could possibly go into the revised document 1249, - after offline discussions has been held.

Conclusion : Revised to 1285

N1-031285 : 24.229v550 **CR#**455r2, Lucent T., **Type**: CR, **Title**: Authentication failure at S-CSCF

Discussion : 2 notes need to be formatted correctly at CR implementation time.

Conclusion : Agreed

N1-031031 : 24.229v550 **CR#**456, Lucent T., **Type**: CR, **Title**: Subscription termination sent by the S-CSCF

Discussion : For a given user, the S-CSCF may be viewed as a dynamically assigned registrar. Once all IMPUs belonging to a given user are de-registered, the S-CSCF is no longer a registrar for the given user. Hence, the S-CSCF must terminate all subscriptions to reg event by setting the Subscribe-event header in the NOTIFY request to "terminated." However, the subclause 5.4.2.1.2 doesn't specify that in the NOTIFY request, upon deregistration of all IMPUs, the Subscription-State header is set to "terminated".

The first change limiting the notifications were argued about, and proposal made to make the notifications simple and just delete the new words. The second part is generic it could be moved to that part.

Conclusion : Revised to 1231

N1-031231 : 24.229v550 **CR#**456r1, Lucent T., **Type**: CR, **Title**: Subscription termination sent by the S-CSCF

Discussion : Obviously more has been removed than was requested.

Conclusion : Revised to 1276

N1-031276 : 24.229v550 **CR#**456r2, Lucent T., **Type**: CR, **Title**: Subscription termination sent by the S-CSCF

Discussion :

Conclusion : Agreed

N1-031032 : 24.229v550 **CR#**457, Lucent T., **Type**: CR, **Title**: Subscription termination at the P-CSCF

Discussion : Upon deregistration of all IMPUs, there is no need for the P-CSCF to terminate the subscription to the reg event package for that user by sending a SUBSCRIBE request with an Expires header containing a value of zero. The S-CSCF will terminate all subscriptions to reg event by setting the Subscribe-event header in the NOTIFY request to "terminated".

Is this an editorial or more an optimisation CR? Not editorial. Agreed that it is an essential correction since the S-CSCF will terminate all subscriptions for a deregistered user, and therefore P-CSCF can not do this any more. No procedure should be initiated at receiving 'terminated'.

Conclusion : Agreed

N1-031033 : 24.229v550 **CR#**458, Lucent T., **Type**: CR, **Title**: Network -initiated deregistration at P-CSCF

Discussion : At the P-CSCF, for network-initiated de-registration, the NOTIFY request sent by the S-CSCF terminates the SA and simultaneously indicate to the P-CSCF that it has been automaticaly de-subscribed to the reg event package. Currently, the existing text in the subclause 5.2.5.2 does not explicitly specify how is the P-CSCF subscription to the reg event package terminated.

Conclusion : Agreed

N1-031034 : 24.229v550 **CR#**459, Lucent T., **Type**: CR, **Title**: Notification about registration status at AS

Discussion : Upon receipt of a third-party REGISTER request, the AS may subscribe to the reg event package for the public user identity registered at the users registrar (S-CSCF). Currently, the existing text in the subclause 5.7.1.1 does not explicitly specify how is the AS subscription to the reg event package terminated.

The word P-CSCF still exists in the copy/paste action. Also delete the paranthesis.

Conclusion : Revised to 1232

N1-031232 : 24.229v550 **CR#**459r1, Lucent T., **Type**: CR, **Title**: Notification about registration status at AS

Discussion :

Conclusion : Agreed

N1-031035 : 24.229v550 **CR#**460, Lucent T., **Type**: CR, **Title**: Use of the P-CSCF's default port

Discussion : When the UE obtains the IP address(es) of the P-CSCF within the PDP context activation procedure, it will not obtain the port number where to send the initial REGISTER request. Hence, it has to send it to the default port.

In the case I with DHCP it is also possible to receive IPv6 address without port number. Is this default port a note only, not qualifying as an essential correction to a frozen release, or shall it be normative text. Many found it as a definition to always use the default port when not known, and a mechanism to find a port should be followed so defaults is not always used. Which RFC would be defining ports? 3261. Seems as the CR is not needed.

Conclusion : Rejected

N1-031036 : 24.229v550 **CR#**461, Lucent T., **Type**: CR, **Title**: Service profile

Discussion : The change of the text in the note was agreed, but additional modification in the note is needed. The note was proposed deleted since it is defined in 23.228 and valid for many situations.

Conclusion : Revised to 1233

N1-031233 : 24.229v550 **CR#**461r1, Lucent T., **Type**: CR, **Title**: Service profile

Discussion :

Conclusion : Agreed

N1-031045 : 24.229v550 **CR#**464, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : At the last CN1#30 meeting, this issue was postponed until the reply LS from SA5 is received as a guidance for resolving this topic. Finally, the LS (N1-030990) is received from SA5, but in the LS, SA5 requests the guidance from CN1 in order to resolve the issue. The current text describes that the ICID is valid for the duration of registration. However, this is not correct and misaligned with main text and 24.228. In 4.5.2, the corresponding text is deleted. In 5.2.2, it is changed such that the reflesh REGISTER also triggers the generation of icid. In 5.2.3, it is changed such that the SUBSCRIBE also triggers the generation of icid. In 24.228, SUBSCRIBE already covers the generation of icid so that 24.228 does not need to change.

The proposal seems not in line with the agreed text from the CR in the mentioned LS. "An ICID is generated by the P-CSCF during the initial IMS registration procedure for a Private User ID. This ICID is valid for all Public User IDs registered for that Private User ID until the user (Private User ID) is deregistered. All subsequent SIP session unrelated methods (e.g., REGISTER, NOTIFY, MESSAGE etc.) must use this ICID value regardless of whether the same Public User ID is used or not." If this new counterproposal from NEC goes forward another round with LS with SA5 is needed. CN1 needs a CR that is aligned with what is now implemented in the frozen release 5 of 3GPP TS 32.225, unless someone can show that that way of handling ICID is not working for charging. CN1 decided to follow the currently existing 32.225. If some delegation wants to challenge that, then SA5 is the right place to bring a CR. Proposal to put reference to the sufficient SA5 TSs in related places of 24.229 regarding ICID.

Conclusion : Revised to 1234

N1-031234 : 24.229v550 **CR#**464r1, NEC, **Type**: CR, **Title**: Corrections on ICID for REGISTER

Discussion : 32.225 as a stage 3 has a choise on whether single ICID is kept after registration. The option needs to be reflected. Should we insert when to extract and when to generate, and not copy 32.225 only? No. CN1 agreed that the SA5 documentation should be followed, but could not find the sufficient text parts to do this for this meeting.

Discussion : In section 5.1.1.3 of 24.229 it is said that the UE shall include an Expires header or the expires parameter to the Contact header of a SUBSCRIBE request. RFC 3265 says: An "expires" parameter on the "Contact" header has no semantics for SUBSCRIBE".

Conclusion : Postponed

N1-031140 : 24.229v550 **CR#**482, Nokia, **Type**: CR, **Title**: 24.229 R5 CR: Setting of SUBSCRIBE exipiration time

Conclusion : Agreed

N1-031156 : 24.229v550 **CR#**366r3, Lucent T., **Type**: CR, **Title**: Alignment of security header procedures with RFC 3329

Discussion :

Conclusion : Not available

N1-031171 : 24.229v550 **CR#**483, Nokia, **Type**: CR, **Title**: 24.229 R5 CR: Alignment of IMS Compression with RFC 3486

Discussion : Section 8 of 24.229 (Compression) was written before RFC 3486 (Compressing the Session Initiation protocol) was added as a dependency. RFC 3486 says, that whenever a UE sets the comp=sigcomp parameter in the Via header of a request, the other side (= P-CSCF in IMS case) shall send all responses to that request compressed. This is also an indication that the Outbound-Proxy supports SIP compression. Section 8 of 24.229 says, that the P-CSCF shall start sending messages compressed after the SA is established. As the SA is established **after** the 401 response for the initial REGISTER (which includes the comp=SigComp parameter) is sent to the UE, this statement is in contradiction to RFC 3486.

The text needs to be written in clear normative way, as e.g. 'is willing' needs to be changed or deleted.

Conclusion : Revised to 1235

N1-031235 : 24.229v550 **CR#**483r1, Nokia, **Type**: CR, **Title**: 24.229 R5 CR: Alignment of IMS Compression with RFC 3486

Discussion : Not presented.

Conclusion : Revised to 1329

N1-031329 : 24.229v550 **CR#**483r2, Nokia, **Type**: CR, **Title**: 24.229 R5 CR: Alignment of IMS Compression with RFC 3486

Discussion : A complete alignment is achieved. Related 24.228 CR will be brought to CN1#32. The only change is in 8.1.1: “when using compression the UE shall…”

Conclusion : Revised to 1335

N1-031335 : 24.229v550 **CR#**483r3, Nokia, **Type**: CR, **Title**: 24.229 R5 CR: Alignment of IMS Compression with RFC 3486

Discussion :

Conclusion : Agreed

N1-031175 : 24.229v550 **CR#**484, Lucent T., **Type**: CR, **Title**: Registration amendments in profile

Discussion :

Conclusion : Not treated due to time

7.4 IMS Call initiation

N1-030984 : 24.229v550 **CR#**444, 3, **Type**: CR, **Title**: All non-REGISTER requests must be integrity protected

Discussion : Procedures at the S-CSCF will not work if an AS (e.g., providing a call forwarding functionality) retargets a SIP request. The problem is that the current procedures mandates the S-CSCF to save the Request-URI every time a SIP request is received, independently on whether the request had already visited an AS or not. Consequently, the comparison for a change in

Discussion : Currently not specified that all requests and responses exchanged outside of the registration and authentication process shall only be accepted if they are integrity protected using the previously agreed security association.

Referencing 5.1.1.5.1 the situation with error handling was discussed. For a unprotected request an unprotected response is sent. For the case were an unprotected response is received to a protected response a normative text is missing and could be e.g. to discard the response, which the protocol do not allow. A discard will trigger 11 resendings from the requesting side. Need to align between different TSs on this issue.

Conclusion : Revised to 1236

N1-031236 : 24.229v550 **CR#**444r1, 3, **Type**: CR, **Title**: All non-REGISTER requests must be integrity protected

Discussion : Move text to the section above, since it is general and not only for terminating case. Or in both sections.

Conclusion : Revised to 1328

N1-031328 : 24.229v550 **CR#**444r2, 3, **Type**: CR, **Title**: All non-REGISTER requests must be integrity protected

Discussion :

Conclusion : Agreed

N1-031012 : 24.228v550 **CR#**114, Orange, **Type**: CR, **Title**: Corrections on MGCF handling CS originating or terminating sessions

Discussion : There are currently mistakes in the flows regarding MGCF in CS originating session (mainly) and CS terminating session.

MGCF is always an agent, and should not add itself to the Record-route and Via header. The MGCF adds itself in the Contact for S-CSCF to find it.

Conclusion : Revised to 1237

N1-031237 : 24.228v550 **CR#**114r1, Orange, **Type**: CR, **Title**: Corrections on MGCF handling CS originating or terminating sessions

Discussion :

Conclusion : Agreed

N1-031093 : 24.229v550 **CR#**467, Ericsson, **Type**: CR, **Title**: Call forwarding cleanup

Conclusion : Revised to 1238

N1-031238 : 24.229v550 **CR#**467r1, Ericsson, **Type**: CR, **Title**: Call forwarding cleanup

Conclusion : Agreed

N1-031106 : 24.229v550 **CR#**469, Nokia, **Type**: CR, **Title**: ID privacy handling

Discussion : When the user requests for ID privacy, then the P-Asserted-ID header shall be removed by the home network's S-CSCF, and not the target network's S-CSCF. Reason: the home network does not know whether the target network is an IMS -and therefore trusted- network.

This issue has been extensively discussed on the exploder list and Nortel is in the process of contributing to SA3 on the issue and therefore asking for potponement of this CR. Many countries do not accept a call if P-Asserted identity is not included.

Conclusion : Postponed

N1-031107 : 24.229v550 **CR#**470, Nokia, **Type**: CR, **Title**: Adding P-Asserted-Identity headers to NE initiated subscriptions

Discussion : When P-CSCF and the ASs generate subscriptions to the reg event of the user, they must add a P-Asserted-Identity header in there to let know the S-CSCF who generated the request and authorise the subscriptions.

Seems to be a violation of an RFC here. Is it the whole or a part of the SIP URI inserted? It should not change after registration? Not a case since this originates in the network. Solve the issue by deleting some words.

Conclusion : Revised to 1314

N1-031314 : 24.229v550 **CR#**470r1, Nokia, **Type**: CR, **Title**: Adding P-Asserted-Identity headers to NE initiated subscriptions

Discussion :

Conclusion : Agreed

N1-031113 : 24.229v550 **CR#**476, NEC, **Type**: CR, **Title**: UE behaviour on reception of 420 (Bad Extension) message

Discussion : The curent procedure on reception of 420 is too restrictive in terms of forward compatibility with Rel 6. According to the discusion notes of 3GPP-IETF workshop, it is indicated that on the reception of a 420 (Bad Extension) response, UE should behave in accordance with RFC 3261.

The UE can not be mandated in Rel-5 to support the fallback procedure, and any interworking problem do not exist. UE do support the preconditions also in Rel-6, but is allowed to drop precondition if 420 is received. The SA2 decisions included in LS 985 requires some change to CN1, but not in the way proposed in this CR#476. The RFC 3261 says 'should' on the fallback option.

Conclusion : Revised to 1239

N1-031239 : 24.229v550 **CR#**476r1, NEC, **Type**: CR, **Title**: UE behaviour on reception of 420 (Bad Extension) message

Discussion : Requested to be analysed in depth at home and continue the discussion in CN1 in next meeting.

Conclusion : Postponed

N1-031142 : 24.228v550 **CR#**118, Nokia, **Type**: CR, **Title**: Update of security headers

Discussion : Revised before presentation.

Conclusion : Revised to 1179

N1-031179 : 24.228v550 **CR#**118r1, Nokia, **Type**: CR, **Title**: Security related update in initial registration and re-registration procedures of UE

Discussion : Latest changes in TS 33.203 should be reflected in the present specification. Security association parameters are updated in REGISTER message. Correction in re-registration procedure (clause 6.3) – authentication is not executed.

Same contents as another CR.

Conclusion : Withdrawn

N1-031157 : Lucent T., **Type**: DISCUSSION, **Title**: Discussion on the use of privacy in release 5 IM CN subsystem

Discussion :

Conclusion : Not treated due to time

N1-031158 : 24.229v550 **CR#**367r2, Lucent T., **Type**: CR, **Title**: Completion of major capabilities table in respect of privacy

Discussion :

Conclusion : Not treated due to time

N1-031159 : 24.229v550 **CR#**420r1, Lucent T., **Type**: CR, **Title**: Privacy considerations for the UE

Discussion :

Conclusion : Not treated due to time

7.5 IMS Call clearing

None.

7.6 Other IMS issues

N1-031037 : 24.229v550 **CR#**462, Lucent T., **Type**: CR, **Title**: c= parameter in SDP

Discussion : When RTP sessions are set up using SIP, the possibility of a denial-of-service (DoS) attack is introduced. This attack allows an attacker to direct the RTP streams from a network server (used as a launching point of the attack) towards the target UE, by specifying the target UE's IP address (in the "c=" field of the SDP). Because RTP streams can potentially require a lot of bandwidth, the attack provides substantial amplification properties, making it an attractive venue for attacks. Furthermore, the target UE cannot stop the media flowes by employing any SIP signaling mechanism.

Is it sending or receiving address that goes to the c=field, and what about specifying another persons address? A new IETF draft is describing the method and in Rel-5 anothers address should not happen. The rewriting the P-CSCF is proposed to do in c=parameter is controversial and should be left. Enforcing the IP address insertion by the UE was not seen needed for Rel-5.

Conclusion : Rejected

N1-031038 : 24.229v550 **CR#**463, Lucent T., **Type**: CR, **Title**: References update

Discussion : New RFC have been published. See also 1094 that covers the same thing and has the cover ticked on ME and Core network. 1038 was agreed in principle but a revision would have been needed to correct one spelling mistake as well as the missing impact area on the cover page.

Conclusion : Rejected

N1-031069 : 24.229v550 **CR#**466, Nortel, **Type**: CR, **Title**: Requirements on Preconditions

Discussion : 23.228 section 5.4.8 describes some precondition cases which are possible according to the SIP specifications. "The flows of sections 5.5, 5.6 and 5.7 depict the case where both UEs require confirmation from the other of the fulfilment of the pre-conditions. Other cases are possible according to the SIP specifications. For example, the pre-conditions may already be fulfilled (according to the principles above) when the INVITE is sent, or the UE may not require explicit confirmation from the other SIP endpoint when the pre-conditions are fulfilled. One example of such SIP endpoint is the MGCF used for PSTN interworking. In these cases, one or both of the reservation confirmation messages may not be sent." The description of the MGCF procedures for SDP in 24.229 does not allow for this case since it states the usage of SDP by the MGCF is the same as that for the UE. The UE procedures mandate the UE to indicate that preconditions are not yet satisfied.

Some rewording to show the exception is needed.

Conclusion : Revised to 1246

N1-031246 : 24.229v550 **CR#**466r1, Nortel, **Type**: CR, **Title**: Requirements on Preconditions

Discussion :

Conclusion :Agreed

N1-031094 : 24.229v550 **CR#**468, Ericsson, **Type**: CR, **Title**: Update of references

Discussion : New stable RFCs are available. They replace the respective Internet Drafts. See also 1038.

Conclusion : Agreed

N1-031105 : Nokia, **Type**: DISCUSSION, **Title**: IMS security

Discussion : Discussed in the adhoc meeting on Monday, and includes two SA3 contributions S3-030461 and S3-030445. It was decided to review the SA3 principles embodied in their change requests to ensure a common understanding.
Points 1 and 2:
The assertion from Nokia was that SA3 are unnecessarily restrictive as there is no reason why the P-CSCF should not accept requests from the UE on either of the set up and valid SAs. Conclusion was that if we accept that the UE always puts the protected server port (port_us) in Contact header (as per 1022 – not yet agreed) then the existing SA3 text is fulfilled. Nokia believe that they can propose a more relaxed text in SA3 which will also be met by the statement in 1022.
Point 3:
Nokia say that the solution SA3 have shown modifies the use of the Security Client header and is not in line with RFC3329. They also say that the Security Client header must be different in every re-Register – in the case of a response to 401 it is a new security client, but if no further challenge is received this second Security-Client header is ignored by network and not used. RFC3329 section 2.3.1 was referred.
SA3 document says that only the first protected REGISTER should mirror the content of the Security-Client header. What about the reregistrations challenged, which were sent protected?
This was not agreed by all parties – some delegates asked to check home first.
Nokia think that the problem of the second SA being tampered is a problem to be solved, but some other solutions should be investigated instead. CN1 does not currently have any other solution for this problem. The problem is acknowledged, but the solution, although it would work, violates RFC3329 protocols.
It was also noted that in the case that a 401 with wrong SEQ is received the same Security Client header could be used as the SA's have not been used (the Register with AUTS indicating wrong SEQ will use old SA).
Point 4:
Proposal is to prolong the expired SA by SIP retransmission timer.
It was noted that it should be the higher value of expire or 64*T1. This was agreed in general. It was proposed to send liaison back to SA3, but this was not agreed.
It is not clear what SA3 intention was – should the SA lifetime take precedence.
Point 5:
This is old text not part of the SA3 CR, but the interpretation is correct.
Point 6:
It was raised that this change was in response to LS from CN1 ?
The interpretation of the two cases is agreed by the group.
In case a) the SA will be taken into use right away.
Point 7:
This is a use case covered by point 6.

It was proposed to make a CN1 proposal that aligns with SA3 and the expected modifications that will be proposed to SA3. Another proposal is to have a joint meeting with SA3 if the security issues are not solved during the September plenary meetings. It was also mentioned that for the coming plenary CN1 aligns to SA3 text or do nothing. One collective CR on the issue to update all the points to align with SA3 was requested. CN1 should identify the CRs in line with SA3 and group them together.

Conclusion : Noted

N1-031114 : 24.229v550 **CR#**477, NEC, **Type**: CR, **Title**: Discrepancy between 24.229 and RFC3455 regarding P-Charging-Vector header

Discussion : Following sentences are added: "It is implementation dependent how to generate the ICID, but the ICID should not include IP address where ICID is generated for the protection of P-CSCF, etc. from the man in the middle attacks."

The text is already present in 32.225 which is already referenced by 24.229. Also the wording is not appropriate.

Conclusion : Rejected

N1-031115 : 24.229v550 **CR#**478, NEC, **Type**: CR, **Title**: Corrections on AS provided by the third party service providers

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

What does it mean in criteria that an AS third party provider is inside or outside IMS. No knowledge about that was identified and additionally a definition of a third party provider was thought usefull. The trust domain is the closed network called IMS for Rel-5 where third party providers are excluded, but not ASs provided by an IMS operator. Defining ASs outside IMS is not likely to be defined and the closest guideline is something equal to OSA.

Conclusion : Rejected

N1-031116 : 24.229v550 **CR**#478, Qualcomm, **Type**: CR, **Title**: Replace USIM by ISIM for user identity storage

Discussion : IMS public user identity is stored in ISIM rather than USIM. Mistakes in the specification implying that IMS public user identity is stored in USIM need to be corrected.

Also the cases where the public user identity is derived from USIM should be described. Or write it without refering to where it is stored. Cover page cleanup needed.

Conclusion : Revised to 1247

N1-031247 : 24.229v550 **CR**#478r1, Qualcomm, **Type**: CR, **Title**: Replace USIM by ISIM for user identity storage

Discussion : No other specs are affected. Assuming the same for test specs. To be ticked as such on the cover page.

Conclusion : Agreed

N1-031139 : 24.229v550 **CR**#481, Nokia, **Type**: CR, **Title**: 24.229 R5 CR: Corrections to Profile Tables

Discussion :
1a) Table A.50 (Supported headers within INVITE responses): the Contact header is missing (see RFC 3261 – 12.1.1)
1b) Table A.46 – Require header in INVITE – optional to be sent in RFC, but mandatory to be sent in Profile (due to several SIP extensions, e.g. sec-agree, preconditions). Therefore c.8 is deleted.
2) Table A.7 – Sending of Content-Type header in ACK is optional. Same is true for MESSAGE (Table A.62A).
3) Prerequisit A.6/34 in table A.52 does not point to 485 response. Preqrequist number corrected to A.6/35.
4) Condition c6 in A.119 (Supported headers within REGISTER request) – the UE is not mandated to receive the Path header in the REGISTER request, as the UE never receives a REGISTER.
5) Authorization header in REGISTER request (A.119) – due to RFC 3310 it is mandatory to include the Authorization header in the initial REG and in re-REG. Therefore it's inclusion on the sending side is set to "o". The Authorization header can only be received by the S-CSCF, not by the UE itself, therefore condition c22 is changed to S-CSCF.
6) A.62C states that Content-Type header is mandatory to be sent for MESSAGE response, whilst RFC 3428 states that 200 OK to MESSAGE MUST NOT include any content. Therefore all Content-* headers set to "x" for sending and to "n/a" for receiving.
7) Reference in A.134 for Event header and A.46 for Allow-Events header is wrong – section does not exist.
8) Max-Forwards header is mandatory to be sent (and received) in all requests, not optional.
9a) P-Access-Network-Info header in REG is only set if SA exists – therefore a Note is added to c13 in A.119 (REGISTER request)
9b) Supported header and Require header in A.50 (INVITE response), A.94 / A.95 (PRACK responses), A.62C/A.62D (MESSAGE responses) – these are optional to be sent. For normal IMS operation they are not sent.
10) The contact header is mandatory to be set in the first response to an INVITE request, i.e. the 183 request MUST include the contact header, therefore table A.50 entry 4 is changed to "m".

Too many $ signs in the document (translate to Euro?).

Conclusion : Revised to 1248

N1-031248 : 24.229v550 **CR**#481r1, Nokia, **Type**: CR, **Title**: 24.229 R5 CR: Corrections to Profile Tables

Discussion :

Conclusion : Agreed

N1-031164 : 24.229v550 **CR**#432r1, Lucent T., **Type**: CR, **Title**: Charging references in 4.1

Discussion :

Conclusion : Not treated due to time

N1-031165 : 24.229v550 **CR#**435r1, Lucent T., **Type**: CR, **Title**: Compression procedure tidyup

Discussion :

Conclusion : Not treated due to time

N1-031166 : 24.229v550 **CR#**431r1, Lucent T., **Type**: CR, **Title**: MGCF procedure tidyup

Discussion :

Conclusion : Not treated due to time

N1-031169 : Lucent T., **Type**: DISCUSSION, **Title**: Discussion document on PDU parameter documentation in profile tables

Discussion :

Conclusion : Not treated due to time

N1-031170 : 24.229v550 **CR#**485, Lucent T., **Type**: CR, **Title**: INVITE dialog amendments in profile

Discussion :

Conclusion : Not treated due to time

7.7 IMS: 23.218

N1-031044 : 23.218v550 **CR#**056, NEC, **Type**: CR, **Title**: Corrections on definition of SPT, etc

Discussion : The current definition of SPT (Service Point of Trigger) is too restrictive in terms of flexibility of table size of initial filter criteria. When AS initiate's session to terminating user or AS, It should be clear that initial filter criteria could be differentiated from mobile originating session.

The additional note's purpose was questioned. It was thought that wildcard URI was already possible, and table or its size is not defined anywhere. The service profile is for a user and not for an AS.

Conclusion : Rejected

N1-031070 : 23.218v550 **CR#**057, Nortel, **Type**: CR, **Title**: Removal of Incorrect Information

Discussion : In section 6.1.1, replace "Event Handler" with "Notifier" and remove the following repetitive sentence. In section 6.2.1, remove Mm from the S-CSCF – CSCF interface section.

A proposal was to delete all descriptions on interfaces since 23.002 defines them. Where is CSCF defined?

Conclusion : Agreed

N1-031112 : 24.229v550 **CR#**475, Nokia, **Type**: CR, **Title**: AS originated requests

Discussion : Wrong CR request and allocation to the 24.229, since this was intended to be a CR to 23.218. The document was not discussed and the originator asked it to be postponed.

Conclusion : Rejected

N1-031167 : 23.218v550 **CR#**053r1, Lucent T., **Type**: CR, **Title**: Flow number corrections in Annex B

Discussion :

Conclusion : Not treated due to time

N1-031168 : 23.218v550 **CR#**054r1, Lucent T., **Type**: CR, **Title**: Minor terminology corrections

Discussion :

Conclusion : Not treated due to time

8 Release 6 work items

8.1 Presence

N1-030983 : TR24.841v100, 3, **Type**: CR, **Title**: Publish expiration time refresh

Discussion : It is stated that the user should refresh publish period 600 seconds before it expires, or after half of the period if the period was initially for less than 600 seconds. This results in non-ideal behaviour e.g. if the initial perdiod was for 11 minutes it will be refreshed after 1 minute, whereas an initial period of 9 minutes would not be refreshed for 4.5 minutes.

Conclusion : Agreed

N1-031046 : TR24.841v100, NEC, **Type**: CR, **Title**: Proposal of charging related procedure in TR24.841

Discussion : For presence service, ICID is not sufficient for correlation information for presence charging because ICID is used only to correlate IMS session level with bearer level for IMS basic PS services. In rel6, non SIP protocol such as XCAP for Ut interface shall also trigger to generate the ICID for charging purposes. Besides that in rel6, new services such as presence, conference, etc is coming up where ICID is not enough correlation information any more. Since presence service is involved with the other SIP requests triggered by Presence server or Resource list server, new SCID (Service Charging ID) shall be generated apart from ICID during presence related SIP/non SIP requests. SCID is used for correlation between the session related or session unrelated dialog for watcher and the session related or session unrelated dialog for presentities. Because these set of dialogs shares the related charging data records so that these shall be treaded as one package for charging purposes. SCID is generated at the first entity which decides the SIP/non SIP request as presence service. The SCID is also used for conference service.

Is SCID defined in SA5? Not yet, and therefore the issue was asked to be postponed until informed by SA2 or SA5.

Conclusion : Postponed

N1-031092 : TR24.841v100, Ericsson, **Type**: CR, **Title**: Authentication/Authorization of watchers in the presence server

Discussion : A complex issue in the presence service is the authentication and authorization of watchers. The complexity arises from the diversity of authentication methods, their relations, the diversity of location of watchers (e.g., IMS watcher or internet watcher), the rules dictated by the subscription authorization policy of the presentity, the anonymity or privacy of watchers, etc. This CR proposes a modification of the authentication to align with the Presence Service Security TR, so that the workflow the PS follows to authenticate and authorize a watcher considers:
a) Whether the subscription authorization policy indicates that watchers should be authenticated or not (e.g., whether anonymous watchers are allowed or not);
b) The method used to authenticate the watcher, as indicated in the subscription authorization policy for the presentity.
c) The credentials the watcher may use, as indicated by the subscription authorization policy for the preentity.
d) A sequential probe of the methods, trying first P-Asserted-Identity, then HTTP Digest Authentication, and then, any other methods, as dictated by the subscription authorization policy. If all the methods failed, and if the subscription authorization policy indicates so, the presentity is consulted asking for permission to install the subscription.

A presence authentication framework is on the way in IETF. To be checked if the related CR in SA3 is agreed. Why should subscription authentication policy dictate the authentication?

Conclusion : Noted

N1-031143 : 24.229v550 **CR#**441r1, Nokia, **Type**: CR, **Title**: Record-Routing of SIP dialogs in S-CSCF

Discussion :

Conclusion : Not available

N1-031144 : TR24.841v100, Nokia, **Type**: CR, **Title**: Bibliography update

Discussion : Two copies have been distributed, N1-031144 should be 24.841 bibliography update. The 24.228 CR under the same number should be N1-031142. Revised without presentation.

Conclusion : Revised to 1253

N1-031253 : TR24.841v100, Nokia, **Type**: CR, **Title**: Bibliography update

Discussion : The following documents constitute essential reading for the understanding of the presence capabilities, and their provision by SIP. Unless additionally included in clause 2 of this specification, they do not constitute provisions for the support of presence by SIP in the IM CN subsystem, or of the related technical specifications 3GPP TS 23.218, 3GPP TS 24.228 or 3GPP TS 24.229.

Many of these dependencies with xcap in the title are not identified as dependencies and should be included in Stephen Hayes public IETF dependency list when such are identified, rather than the other way around (as now). OK for bibliography. It is likely some dependencies will be identified for the public list in not a long time from now.

Conclusion : Agreed

N1-031145 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to eventlist

Discussion : Revised without presentation.

Conclusion : Revised to 1254

N1-031254 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to eventlist

Discussion : The modifications made apllies also to other documents, but that is another story.

Conclusion : Agreed

N1-031146 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to filtering issues

Discussion : Filtering is referenced to IETF drafts.

Conclusion : Agreed

N1-031147 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to partial notification

Discussion : Revised without presentation.

Conclusion : Revised to 1255

N1-031255 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to partial notification

Discussion : Updating the notifications. Is partial notification agreed in IETF? Not fully.

Conclusion : Agreed

N1-031148 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to presence publication issues

Discussion : Revised without presentation.

Conclusion : Revised to 1256

N1-031256 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to presence publication issues

Discussion : cipid draft is used for modifying text in this CR as well as in 1258.

Conclusion : Revised to 1278

N1-031278 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to presence publication issues

Discussion :

Conclusion : Agreed

N1-031149 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to presence publication flows

Discussion : Revised without presentation.

Conclusion : Revised to 1257

N1-031257 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to presence publication flows

Discussion : Basically splitting one flow into two where the second is regarding refresh. One error identified.

Conclusion : Revised to 1279

N1-031279 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to presence publication flows

Discussion :

Conclusion : Agreed

N1-031150 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to notification issues

Discussion : Revised without presentation.

Conclusion : Revised to 1258

N1-031258 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to notification issues

Discussion : Changes to referenced drafts is incorporated into the TR, 4 major issues. Some definition to the names should be done and not just give the values. The same problem exists in stage 2. Where is the cipid draft, - not in IETF library, and therefore not acceptable to be included now. Also revise on the editors note.

Conclusion : Revised to 1277

N1-031277 : TR24.841v100, Nokia, **Type**: CR, **Title**: Update to notification issues

Discussion :

Conclusion : Agreed

N1-031151 : TR24.841v100, Nokia, **Type**: CR, **Title**: Shifting TR 24.841 1.0.0 to TS ab.cde 0.0.2

Discussion : Not presented.

Conclusion : Revised to 1316

N1-031316 : TR24.841v100, Nokia, **Type**: CR, **Title**: Shifting TR 24.841 1.0.0 to TS ab.cde 0.0.2

Discussion :

Conclusion : Agreed

N1-031160 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on SIMPLE

Discussion :

Conclusion : Noted

N1-031162 : TR24.841v100 Lucent T., **Type**: TR, **Title**: Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"

Discussion :

Conclusion : Withdrawn

N1-031163 : Lucent T., **Type**: INFORMATION, **Title**: Presence WID open issues list

Discussion :

Conclusion : Noted

N1-031176 : Lucent T., **Type**: TS, **Title**: Proposed Presence Technical Specification

Discussion : Not presented.

Conclusion : Revised to 1324

N1-031324 : Lucent T., **Type**: TS, **Title**: Proposed Presence Technical Specification

Discussion : Agreed to make this TS with number provided from MCC. It is now proper to send the TR for approval as 80% stable, but not for the CN#21 plenary. CN1 chairman to report in plenary that the TR is still kept within CN1.

Conclusion : Agreed

8.2 MBMS (Multimedia Broadcast Multicast Services)

N1-031177 : 3, **Type**: WID, **Title**: MBMS WID

Discussion : Not presented.

Conclusion : Revised to 1299

N1-031299 : 3, **Type**: WID, **Title**: MBMS WID

Discussion : Changed to reflect the March 2004 completion date.

Conclusion : Agreed

8.3 IMS phase2

N1-031013 : TR 29.847v020, Siemens, **Type**: CR, **Title**: Correction of flow in 6.4.2.1

Discussion : Changes 'Correction of Record-Route entry of P-CSCF in Subscribe' and 'S-CSCF does record-route'.

Should the S-CSCF Record-Route or not? No reason why not. Some modifications needed to P-CSCF.

Conclusion : Revised to 1266

N1-031266 : TR 29.847v020, Siemens, **Type**: CR, **Title**: Correction of flow in 6.4.2.1

Discussion :

Conclusion : Agreed

N1-031014 : TR 29.847v020, Siemens, **Type**: CR, **Title**: Use of "type" when subscribing to Conference State package

Discussion : Shows the use of type parameter in the Event header.

Conclusion : Revised to 1282

N1-031282 : TR 29.847v020, Siemens, **Type**: CR, **Title**: Use of "type" when subscribing to Conference State package

Discussion :

Conclusion : Agreed

N1-031047 : 24.229v550 **CR#**465, NEC, **Type**: CR, **Title**: Alignment with TS for policy control over Gq interface

Discussion : In Rel 6, interface between P-CSCF and PDF is specified as Gq interface. In the light of this change, relevant sentences are modified accordingly.

Do we want to make Rel-6 version of 24.229 in light of all security related CRs we now foresee? The other option is to collect agreed Rel-6 CRs from this meeting and include it for approvement in the December plenary. It was agreed to

ask for 24.229 Rel-6 version in September 2003. It was mentioned that actually this 24.229 do not need to show much of this new interface. No need for the first change and its sentence if the expression P-CSCF/PDF is removed. Some reference to where Gq is defined in CN3 is needed though.

Conclusion : Revised to 1267

N1-031267 : 24.229v550 **CR#**465r1, NEC, **Type**: CR, **Title**: Alignment with TS for policy control over Gq interface

Discussion : Rel-6!

Conclusion : Agreed

N1-031048 : TR 29.847v020, NEC, **Type**: CR, **Title**: Proposal of 3GPP conferencing overview in TR29.847

Discussion : There is overview section in the current TR 29.847. However, it should be clarified that since IETF based conferencing service is composed of many service scenarios such as adhoc conference, side-bar conference, etc and also many functionalities such as Focus, Policy control server, Media policy server, etc, it is difficult to imagine an overall view for SIP and SDP protocol in respect with the different scenarios between IETF based conference service and 3GPP conference service. Another point is that Conference service and presence service have close relationship and some restrictions in terms of 3GPP based architecture. However, in the current overview clause, there is no description on this relationship. This contribution proposes change of clause 4 for conference service overview in TR29.847.

The 3GPP work shall be based on IETF conferencing framework and should not be deleted as reference. The list was not desired either since chapter 7 shows which IMS service do which service.

Conclusion : Revised to 1268

N1-031268 : TR 29.847v020, NEC, **Type**: CR, **Title**: Proposal of 3GPP conferencing overview in TR29.847

Discussion : The rapporteur volountered to delete the third editors note in the scope chapter.

Conclusion : Agreed

N1-031049 : TR 29.847v020, NEC, **Type**: CR, **Title**: Proposal of charging related procedure in TR29.847

Discussion : Same as for 1046, asked to be postponed.

Conclusion : Postponed

N1-031050 : TR 29.847v020, NEC, **Type**: CR, **Title**: Proposed several change in TR29.847

Discussion : At this meeting, LS from OMA(N1-030989) states that Push to Talk over Cellular(PoC) is one of major services supported in IMS. That's why the OMA requirement group is currently developing requirement document for PoC. Based on these guidelines, this document proposes several changes in TR29.847.

Anyhow it is premature to work on stage 3 for PoC, but at least await the results of the joint OMA/3GPP workshop (or meeting(s)). A stage 2 WID exists and architecture work has been only started. OMA as well has only started on requirements. Since CN/SA plenary probably stops new functionality on Rel-6 in September, the originator wanted to address the functionality now. This was countered with CN1 not being a requirement group and the issue should be addressed to the TSG plenary. A LS from CN1 on the OMA relation topics was not seen correct, since this is a plenary level discussion,- which for now is only information to the WGs.

Conclusion : Noted

N1-031051 : NEC, **Type**: WID, **Title**: Revised WID on IMS Stage 3 Enhancements

Discussion : Much of the content is related to OMA and it was agreed to delete all OMA and PoC related additions in this WID proposal, leaving mainly some charging and tracing left. For new work we should probably create new WIDs instead of expanding. And for tracing it is not decided to use SIP.

Conclusion : Postponed

N1-031108 : 24.229v550 **CR#**471, Nokia, **Type**: CR, **Title**: Usage of preconditions

Discussion : In Rel-6 the UE is allowed to initiate requests without requiring the usage of preconditions from the other party.

This is for Rel-6. See also 1113 revised into 1239. Stage 2 was approved for Rel-5.

Conclusion : Postponed

N1-031109 : 24.229v550 **CR#**472, Nokia, **Type**: CR, **Title**: I-CSCF procedures for openness

Discussion : I-CSCF is the entry point into IMS network, therefore it has to verify whether the incoming request arrived from a trusted domain or not, and in case it arrived from non trusted domain, the P-Asserted-Identity header shall be removed from the request.

This is for Rel-6. No impact on other specs are ticked on the cover page. The structure?

Conclusion : Revised to 1304

N1-031304 : 24.229v550 **CR#**472r1, Nokia, **Type**: CR, **Title**: I-CSCF procedures for openness

Discussion : This is for Rel-6. CN will be impacted and needs to be ticked.

Conclusion : Agreed

N1-031110 : 24.229v550 **CR#**473, Nokia, **Type**: CR, **Title**: Registration from multiple terminals and forking

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

This is for Rel-6. Some wording to be changed for not making forking mandatory. Is it shall/ should/ or may support forking in accordance with RFC3261? Discussion also was around different access networks, and a possible solution is not to have it in the CR. Looks as a user can register another terminal from a different terminal by using Contact header. What about verification and authentication, which is all not part of this CR.

Conclusion : Revised to 1300

N1-031300 : 24.229v550 **CR#**473r1, Nokia, **Type**: CR, **Title**: Registration from multiple terminals and forking

Discussion :

Conclusion : Agreed

N1-031111 : 24.229v550 **CR#**474, Nokia, **Type**: CR, **Title**: Record Routing requirements for the S-CSCF

Discussion : The S-CCSF does not need to Record Route for all requests, e.g. for SUBSCRIBE requests it does not terminate, it does not need to record route.

Wrong request and allocation of CR# to 24.229 since the CR seems intended for 23.218. Forking is not determined the right way. How do the operator know which public identity should be forked or not for a user, the pair to the private identity? This sort of information can possibly be found from a CR in last SA2 meeting, and not repeated here. q values should not be used in stage2.

Conclusion : Rejected and replaced by 1301

N1-031301 : 23.218v550 **CR#**058, Nokia, **Type**: CR, **Title**: Record Routing requirements for the S-CSCF

Discussion : See 1111.

Conclusion : Not available

N1-031121 : TR 29.847v020, Nokia, **Type**: TR, **Title**: TR 29.847 – Conferencing based on SIP, SDP and other protocols – version 0.2.0

Discussion :

Conclusion : Noted

N1-031122 : Nokia, **Type**: TS, **Title**: TS 24.147 – IMS Conferencing (Skeleton Proposal)

Discussion : The TS should not include instant messaging as e.g. flow 8 since this service will have its own TS. This should however be done by writing a CR towards the TR and/or conferencing TS. However it was agreed to move it right away.

In this 1122 only the skeleton can be agreed, and not start talking about taking it into the plenary. Shall CN1 stop work on the TR and continue with the TS, which is the originators view, - and how to move the material from the TR to the TS? Still solid IETF base is missing. One view was to complete the TR first, until XCON has stable material. Material going to other TSs can not be included in this new TS (e.g. on the method Message), but could be collected in the TR. And for this meeting the contributions goes against the TR. Material to 24.229 will be possible since a Rel-6 will be available after next plenary if respective CRs are approved.

Conclusion : Revised to 1280

N1-031280 : Nokia, **Type**: TS, **Title**: TS 24.147 – IMS Conferencing (Skeleton Proposal)

Discussion : The skeleton was preagreed.

Conclusion : Agreed

N1-031123 : Nokia, **Type**: TS, **Title**: TS 24.247 – IMS Messaging (Skeleton Proposal)

Discussion : The skeleton has received comments on the emailexploder when circulated, and that was that it was not acceptable to Lucent, - with further details. The TS itself is not a problem, rather how to distinguish what is already in Rel-5. Especially on immediate messaging., and this is not clear in the scope of this new TS. There is a stage 1 but no stage 2 (especially not stable on session based messaging) on the issues for this TS, due to many open ongoing discussions and awaiting more stable text, - so this TS was found premature by some. Also the title was found misleading. Could the service be included in 24.229? Presence is defined as a service in IMS, not conferencing, but otherwise the scopes are aligned. SA2 always use to send a LS when they find a service ready, which has not happened on Messaging. Much work has been done in CN1 on conferencing, not on Messaging, so this TS should have been brought to CN1 for constructive comments and not for agreement.

Conclusion : Revised to 1281

N1-031281 : Nokia, **Type**: TS, **Title**: TS 24.247 – IMS Messaging (Skeleton Proposal)

Discussion : The title is changed. This is agreed as template for the outline.

Conclusion : Agreed

N1-031124 : 24.147 Nokia, **Type**: OTHER, **Title**: Shifting TR 29.847 material to proposed TS 24.147

Discussion : This issue is a transfer of the TR to the TS and adding what is stated in the 4 bullets in the beginning. Flow A8 is to be taken out. Shifting by CRs needs one additional CN plenary period. CRs from this meeting was proposed as a big new CR to the TS next meeting. It was stressed that it was premature to create content to the TS now, and that it was thought more flexibel in modifying structure in the TR than the TS. Otherwise the discussion from 1122 was repeated. By handraising two companies objected to moving material from the TR to the TS.

Conclusion : Revised to 1288

N1-031288 : 29.847 Nokia, **Type**: OTHER, **Title**: Shifting TR 29.847 material to proposed TS 24.147

Discussion : Agreed to structure the TR as for the TS 24.147, and later shift it over when CN1 agrees that the IETF dependency material is sufficiantly stable. The editor will apply the agreed CRs from this meeting to the restructured TR and gets it on the emailexploder for comments to that implementation. In section 4 the editors note should be revised by the rapporteur. For the near future only write CRs to this modified TR agreed from the emailexploder. It was agreed to send TR 29.847 to plenary CN#21 for information.

Conclusion : Agreed

N1-031125 : 24.147 Nokia, **Type**: OTHER, **Title**: Shifting of material agreed in CN1#31 for TR 29.847 to proposed TS 24.147

Discussion :

Conclusion : Withdrawn

N1-031126 : TR 29.847v020, Nokia, **Type**: WID, **Title**: Revised IMS-CCR-E Work Item

Discussion : New title to the TS on messaging. What would be reasonable dates for completion to a release, or doing the WI tasks. Proposals to modify all tasks to make it realistic for CN plenary to estimate on timing and content for Rel-6 features. Also change from Mt to Ut.

Conclusion : Revised to 1290

N1-031290 : TR 29.847v020, Nokia, **Type**: WID, **Title**: Revised IMS-CCR-E Work Item

Discussion : Not presented.

Conclusion : Revised to 1307

N1-031307 : TR 29.847v020, Nokia, **Type**: WID, **Title**: Revised IMS-CCR-E Work Item

Discussion : Counterproposal in case 1290 can not be agreed. Do CN1 want to be the first group to indicate completion in June for a feature. Should do it if realistic. Additional meetings in 2004 is requested. March 2004 is the TSG #23 meeting. Alternative is to have information for March and approval in June 2004. Is the Conferencing TR more than 50% complete so it can go to CN#21 for information. This was agreed upon, but with a clear indication that many chapters have not been touched. The TS was proposed to go for approval in June 2004, together with completion of the related TSs, but this could not be easily agreed upon. It was asked that CN1 should request SA to define the content first, but this was opposed to since SA base their discussion on input from WGs 'realistic' estimates of the completion. CN1 agreed to have completion of Conferencing and Messaging in June 2004.

Conclusion : Revised to 1331

N1-031331 : TR 29.847v020, Nokia, **Type**: WID, **Title**: Revised IMS-CCR-E Work Item

Discussion : The new WI acronym is IMS2. In the WP review it was said that Messaging and some more tasks should be ready in March.

Conclusion : Revised to 1336

N1-031336 : TR 29.847v020, Nokia, **Type**: WID, **Title**: Revised IMS2 Work Item

Discussion : This WI contains the following subtasks:
- Local services
- Group management
- Conferencing
- Messaging
- Additional SIP capabilities support
- Review of the additional SIP capabilities defined by IETF

Conclusion : Agreed

N1-031127 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: User Authentication at AS (text)

Discussion : This CR describes how the Conferencing AS can authenticate a user who wants to create a / join a / subscribe to a conference.

Some copy/paste errors were pointed out. Why is S/MIME included, - delete.

Conclusion : Revised to 1291

N1-031291 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: User Authentication at AS (text)

Discussion : In the new TR version the terminology will change according to agreements made.

Conclusion : Agreed

N1-031128 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: AS procedures: User subscribes to conference event (text)

Discussion : This CR introduces the procedures at the Conferencing AS when a user subscribes to the conference state event package. The procedures for subscription at the UE have already been introduced during the last CN1 meeting, as well as the call flow, that depicts such a subscription.

The user identity can be verified, the request can be authorized. Modify the bullets to clarify.

Conclusion : Revised to 1292

N1-031292 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: AS procedures: User subscribes to conference event (text)

Discussion :

Conclusion : Agreed

N1-031129 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: User invites other participant – REFER (text)

Discussion : This CR introduces the procedures at the UE to invite another user to a conference by sending a REFER request to that user or the conferencing AS.

Some cleaning up on how the user joins a conference in 7.3.1.4.2 was requested. All text, as a general statement, should be introduced to the TR according to 24.229. The note in 7.3.1.5.1 was thought usefull as normative way with modified text to show that further methods are possible than the two outlined.

Conclusion : Revised to1293

N1-031293 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: User invites other participant – REFER (text)

Discussion :

Conclusion : Agreed

N1-031130 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: User invites other participant – REFER (flow)

Discussion : With this contribution the Conferencing TS is extended to show how a user invites another user to join a conference. The flow only shows the handling of the REFER and NOTIFY requests, as all the other flows are already depicted in other sections of the TR.

Mistake in flow 2 in the text regarding joining or inviting the other party.

Conclusion : Revised to 1294

N1-031294 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: User invites other participant – REFER (flow)

Discussion :

Conclusion : Agreed

N1-031131 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: User getting invited from other participant – REFER (flow)

Discussion : With this contribution the Conferencing TS is extended to show how a user gets invited from another user to join a conference. The flow only shows the handling of the REFER and NOTIFY requests, as all the other flows are already depicted in other sections of the TR.

Conclusion : Agreed

N1-031132 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: AS invites other participant (text)

Discussion : This CR introduces the procedures at the AS for inviting another user to the conference. This can happen due to two reasons:
- conference policy (manipulated by CPCP); or

- a REFER from a user is received.
Please note that no call flow for this scenarios can be provided at the moment, as it requires that the AS originates a request with a conference URI, which is a PSI. The routing of requests that include a PSI and that originate from the AS was still under discussion in SA2 when this contribution was written.

Delete 7.3.3.5.2 bullet 2 first sentence etc. to make reference instead.

Conclusion : Revised to 1295

N1-031295 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: AS invites other participant (text)

Discussion : Not presented.

Conclusion : Revised to 1322

N1-031322 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: AS invites other participant (text)

Discussion :

Conclusion : Agreed

N1-031133 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: Conference creation in other network (flow)

Discussion : The proposed flow shows, how a IMS user can automatically create a conference in another network by using a Conference-Factory-URI. Section 6.2.2.1 already includes a flow showing how a user creates a conference in the users home network – this should be the usual case. During the last meeting it was requested that also the case is shown where the user is aware of a conference-factory URI of the visited network.

If the Allow header should be included will be checked offline, and if so Nokia will bring it in for next meeting on the whole doc. A correction to the flow was identified, a box missing.

Conclusion : Revised to 1296

N1-031296 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: Conference creation in other network (flow)

Discussion :

Conclusion : Agreed

N1-031134 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: Three way conference (text)

Discussion : This contribution describes how a user can create a so-called three way session, i.e. how the user can join two (or more) active calls to other users into a conference, that is not yet created.
The procedures performed at the conferencing AS are identical to those for conference creation with a conference factory URI, therefore there is no need to describe them.
The procedures at the UE's that are invited to the three-way session are identical to those for users getting invited to a normal conference, which are described in a different contribution to this meeting.
The procedures for conference-factory URI discovery have not been described up till now and need further investigation in IETF and 3GPP. Therefore it is left open for the moment, how the UE gets aware of the conference-factory URI for a three-way session.
Three way conferences are described in section 5.11.6.2.3 of 3GPP TS 23.228. They are a stage 2 requirement that needs to be covered in stage 3.

Conclusion : Agreed

N1-031135 : Nokia, **Type**: OTHER, **Title**: IMS Messaging: Immediate Messaging (flow)

Discussion :

Conclusion : Postponed

N1-031136 : Nokia, **Type**: OTHER, **Title**: IMS Messaging: Immediate Messaging – Participant (text)

Discussion :

Conclusion : Postponed

N1-031137 : TR 29.847v020, Nokia, **Type**: CR, **Title**: IMS Conferencing: User leaving a conference (flow)

Discussion : The proposed flow shows how a user leaves a conference.

Sine the user is not mandated to subscribe to the event package, the flows shows it like this. The To header is not allowed to change so conf, factory URI must be kept. In table 7 whose subscription state is sent? Since the leaving party has not unsubscribed that user is also notified.

Conclusion : Revised to 1297

N1-031297 : TR 29.847v020, Nokia, **Type**: CR, **Title**: IMS Conferencing: User leaving a conference (flow)

Discussion :

Conclusion : Agreed

N1-031138 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: AS drops user from conference (flow)

Discussion : The proposed flow shows how the MRFC/AS can drop a user from a conference. Change: users to user's.

Conclusion : Revised to 1298

N1-031298 : TR 29.847v020, Nokia, **Type**: CR, **Title**: 29.847 IMS Conferencing CR: AS drops user from conference (flow)

Discussion :

Conclusion : Agreed

N1-031161 : Lucent T., **Type**: INFORMATION, **Title**: Summary of current IETF documents on XCON

Discussion : XCON is not yet a working group

Conclusion : Noted

N1-031172 : Nokia, **Type**: DISCUSSION, **Title**: 24.229 R6 CR: NACK mechanism for Signalling Compression

Discussion : This is for Rel-6. Baseline SigComp protocol has no means to indicate decompression failure to the other party. SIP error messages cannot be generated, since there are no va.lid SIP messages outputted in case of a decompression failure. As an effect, decompression failures will trigger unnecessary SIP retransmissions, and if no workaround solutions are defined (like switching back to uncompressed mode, or setting the state memory size to 0 as in N1-021988), it is possible that no further SIP messages could be sent between the UE and the P-CSCF. Previous CRs in this topic (N1-021403, N1-021700, N1-022043) were rejected or delayed, mostly because of possible future inconsistencies with IETF SigComp. Since the ROHC workgroup now seems to agree on the NACK solution as a preferred mechanism, it is now safe to include that in CN1 specifications.

Many comments raised and the document gets revised into a CR.

Conclusion : Revised to 1302

N1-031302 : 24.229v550 **CR#**486, Nokia, **Type**: CR, **Title**: 24.229 R6 CR: NACK mechanism for Signalling Compression

Discussion :

Conclusion : Postponed

N1-031174 : 23.218 Nokia, **Type**: DISCUSSION, **Title**: Handling of record routing and forking in S-CSCF

Discussion : Do we want to make Rel-6 version of 23.218?

Conclusion : Withdrawn

8.4 IMS interoperability

N1-031117 : Qualcomm, **Type**: DISCUSSION, **Title**: Access Independent IMS

Discussion : It is recommended that CN1 approves the creation of a new Release 6 specification that describes GPRS specific operations for connecting UE to IMS through GPRS. It is recommended that CN1 approves the 24.229 changes contained in N1-031118. These changes are needed to separate the Release 5 contents of TS 24.229 into an access independent document and a GPRS specific document. It is recommended that CN1 adopts the contents in N1-031119 as the initial version of the Release 6 GPRS specific document.

Decision on principle: do we want to strip the GPRS specific references leaving it a bit more difficult to find the right access network dependent details or do we put first GPRS related references, then add WLAN references and so forth? Is IP-CAN (identity) defined in 21.905?

Conclusion : Noted

N1-031118 : 24.229v550 **CR#**480, Qualcomm, **Type**: CR, **Title**: Access Independent IMS

Discussion : Revised before presentation.

Conclusion : Revised to 1245

N1-031245 : 24.229v550 **CR#**480r1, Qualcomm, **Type**: CR, **Title**: Access Independent IMS

Discussion : In order to distinguish between the access network (e.g. GPRS) and the IP multimedia domain, it is proposed here to split TS 24.229 into an access independent main body and a GPRS specific normative annex, and to adopt access independant terms as dedfined in stage 2. This will allign 24.229 with 23.228. The possibility of separating the GPRS specific contents into another document is not addressed in this CR.

Why should we strike out emergency call and insert an editors note? This editors note is not part of the WID, and the emergency call part shall be copied in somewhere. Could a reference to an annex be acceptable, where duplicated material regarding GPRS are stored? For 3GPP but not for 3GPP2. IP-CAN can not be a search and replace exercise with GPRS without loosing something. IP-CAN together with GPRS could be used to point to a possible specific annex. Such Annex(es) need a scope. How should the linking to 24.228 be solved is another aspect. The document however is a step in the right direction. A way to do the split is to identify the architectural elements and continue the split in details. Many delegates had however problems with the details.
CN1 agreed that a normative Annex could be the first step forward. Later it could be discussed wether or not to transfer the Annex to a TS. Writing CRs to 24.229 on this WI is difficult due to a lot of rewriting, but instead a TR was proposed. Or a document worked on offline by company representatives, and reviewed on emailexploders or in telephone conferences before bringing a CR to 24.229. As a start clause 9 could be copied to such a Annex with scope. And if anything on coding, then all the coding from clause 7 should be included. Should clause 9 be left Void with reference to Annex B, or leave what is common to all access types in there. Is IP-CAN (identity) defined in 21.905? Peng/Qualcomm is the contact person for organising telephone conferene(s).

Conclusion : Revised to 1303

N1-031303 : 24.229v550 **CR#**480r2, Qualcomm, **Type**: CR, **Title**: Access Independent IMS

Discussion : The structure for Annex B was not agreed as proposed and the scope for this annex B is missing. Clause 9 should keep the title, and then reference Annex B. A proposal was made to lower the existing header level with 1 and introduce scope on highest level.

Conclusion : Revised to 1333

N1-031333 : 24.229v550 **CR#**480r3, Qualcomm, **Type**: CR, **Title**: Access Independent IMS

Discussion :

Conclusion : Agreed

N1-031119 : 24.xyz v000, Qualcomm, **Type**: TS, **Title**: Connecting to IM CN Subsystem through GPRS

Discussion :

Conclusion : Noted

N1-031141 : Nokia, **Type**: DISCUSSION, **Title**: 24.229 R6 CR: Making 24.229 access independent

Discussion :

Conclusion : Noted

8.5 WLAN

N1-031100 : Nokia, **Type**: TS, **Title**: Revised TS skeleton for 3GPP WLAN IW Authentication

Discussion : What about missing abbreviations? Comes in a later document in agenda item 8.5.

Conclusion : Revised to 1305

N1-031305 : Nokia, **Type**: TS, **Title**: Revised TS skeleton for 3GPP WLAN IW Authentication

Discussion : Do anyone object the WLAN IW TS to be created was asked to the meeting? No objections made.

Conclusion : Agreed

N1-031101 : Nokia, **Type**: CR, **Title**: WLAN TS - Scope, References and Definitions

Discussion : In the CN1#30 the skeleton of the TS for WLAN interworking procedures was agreed under document N1-030915. This document is taken as a basis for future additions.

Modify and add abbreviations. Available PLMN is a definition and an alternative must be defined. How to define the selection mechanism? Operators, service providers, PLMNs, radio etc.

Conclusion : Revised to 1306

N1-031306 : Nokia, **Type**: CR, **Title**: WLAN TS - Scope, References and Definitions

Discussion :

Conclusion : Agreed

N1-031102 : Nokia, **Type**: CR, **Title**: WLAN TS – General chapter

Discussion : In this contribution, an introduction to the 3GPP WLAN Interworking System, the functionalities of the different network elements and reference points are presented. In addition to that, the usage of UE identities in different scenarios is presented.

The WLAN-UE shall be equiped with an UICC is outside the scope of this TS and changes to 'is equiped'. How does the MS find the PLMN ?

Conclusion : Revised to 1308

N1-031308 : Nokia, **Type**: CR, **Title**: WLAN TS – General chapter

Discussion :

Conclusion : Agreed

N1-031103 : Nokia, **Type**: CR, **Title**: WLAN TS – UE to WLAN AN protocols

Discussion : In this contribution, Network selection aspects related to 3GPP-WLAN IW are developed. Taken as baseline the concepts defined in SA2 in TS 23.234 related to Network Selection. 3GPP WLAN Radio Access Network selection and the 3GPP WLAN PLMN Network Selection are distinguished. In the former, the WLAN AN hotspot is selected and in the later the actual PLMN is selected.

Does forbidden PLMN list need to be taken into account during WLAN PLMN selection? Forbidden networks need to be mentioned, and presedence given. Some corections more needed. The feasability study talks about PLMN selection priority. Does this mean reusing PLMN selector list or creating something similar on UICC? If yes, where?

Conclusion : Revised to 1309

N1-031309 : Nokia, **Type**: CR, **Title**: WLAN TS – UE to WLAN AN protocols

Discussion : Hanging paragraphs identified, and 5.3.1 need new heading to be made by the rapporteur. Take out the comersial statement as well, leaving only first sentence in 5.1.

Conclusion : Agreed

N1-031104 : Nokia, **Type**: CR, **Title**: WLAN TS – UE to 3GPP AAA server protocols

Discussion : In this contribution, the functionalities of the different network elements for Access Authorization and Authentication are introduced.

Conclusion : Agreed

N1-031152 : Nokia, **Type**: CR, **Title**: WLAN TS – Annexes

Discussion : In this contribution, two figures has been added based in TS 23.234. The figures are needed in order to help the reader to understand the scope of this TS and concepts such WLAN PLMN selection procedures.

Revision needed to a figure, and some text is needed in this document to give reference to these figures. Why is stage2 part reproduced here? For information and can be removed later, and to be said in an editors note.

Conclusion : Revised to 1310

N1-031310 : Nokia, **Type**: CR, **Title**: WLAN TS – Annexes

Discussion : The SA2 duplicates will be removed by the rapporteur. Ref. to figures as well, or Annex title.

Conclusion : Agreed

N1-031259 : Nokia, **Type**: WID, **Title**: Revision of WLAN WID to update CN1 work

Discussion :

Conclusion : Not available

8.6 Emergency Call Enhancements for IP& PS Based Calls

None

8.7 Ut interface

None

8.8 Other Rel-6 issues

N1-031056 : 24.008v610 **CR#**798, Siemens, **Type**: CR, **Title**: Source of the CS domain specific system information

Discussion : In Iu mode, the CS domain specific system information is read from the broadcast channel if no RRC connection is established (RRC Idle mode), whereas it is provided via dedicated RRC signaling if an RRC connection is established (RRC connected mode). Thus a reference to the "L3-RRC SYSTEM INFORMATION BLOCK 1 message on the BCCH" is not correct in RRC connected mode.

Conclusion : Agreed

N1-031057 : 24.008v610 **CR#**799, Siemens, **Type**: CR, **Title**: Signaling connection release after GMM procedure

Discussion : The condition when to release the signaling connection for the abnormal cases of the Attach and RAU are different. In the attach case it is only released once the attempt counted reaches its limit, while for the RAU this is done after each attempt. As the network has no knowledge about the attempt counter it will release the signaling connection after each attempt.

Is it necessary to make a change since it seems to be working? The network does not keep an attempt counter. The MS could from Rel-6 start switching off the radio after each attempt (5 retransmissions).

Conclusion : Revised to 1321

N1-031321 : 24.008v610 **CR#**799r1, Siemens, **Type**: CR, **Title**: Signaling connection release after GMM procedure

Discussion :

Conclusion : Agreed

N1-031075 : 44.065v600 **CR#**008, Nortel, **Type**: CR, **Title**: Corrections on Compression details

Discussion : Not presented.

Conclusion : Revised to 1283

N1-031283 : 44.065v600 **CR#**008r1, Nortel, **Type**: CR, **Title**: Corrections on Compression details

Discussion : In CR 005, the handling of multiple compression types for a session was changed, but the CR failed to update Figure 8 that now shows invalid compression usage.
Two compression parameter tables list invalid length values.
The definition of MAX_CID is not correct. It states that MAX_CID is the 'maximum number of context identifiers', but it really is the maxium value for a context identifier.
Two different tables use the same table number 8.

Conclusion : Agreed

N1-031090 : 43.068v520 **CR#**014, Nortel, **Type**: CR, **Title**: Dispatcher signalled mute/unmute of talkers downlink and correction and update of incorrect implementation of CR 03.68 A022

Discussion : When a talker has control of the uplink in a VGCS call, its downlink is muted to prevent distracting echo. However, if a dispatcher wishes to speak, it is necessary for him to be able to indicate this to the network so that the network can command the talker's MS to unmute the downlink (so that he can hear the dispatchers comments). Similarly, once the dispatcher has finished speaking, he must indicate to the network that he has finished speaking, so that the network can command the talker's MS to mute the downlink again. This can be done using a pre-defined combination of DTMF tones from the dispatcher. Also, CR A022 was submitted against 03.68 with mention of this possibility, but was not correctly implemented at the time that the CR was agreed. The missing text from that CR is added here, and updated to reflect the usage of DTMF as the mechanism. Finally, DTMF tones are already used to indicate a termination request from a dispatcher. Rather than duplicate the extensive signalling flows for this feature in the mute/unmute DTMF flows, the method by which DTMF tones are transported into the network has been genericised for clarity. Since it will be impossible for a dispatcher to interrupt the talker without this mechanism, this is considered to be an essential correction.

Many comments raised and accepted by the originator. But one comment will be discussed offline TEI6 is the WID.

Conclusion : Revised to 1219

N1-031219 : 43.068v520 **CR#**014r1, Nortel, **Type**: CR, **Title**: Dispatcher signalled mute/unmute of talkers downlink and correction and update of incorrect implementation of CR 03.68 A022

Discussion : Not presented.

Conclusion : Revised to 1332

N1-031332 : 43.068v520 **CR#**014r2, Nortel, **Type**: CR, **Title**: Dispatcher signalled mute/unmute of talkers downlink and correction and update of incorrect implementation of CR 03.68 A022

Discussion :

Conclusion : Agreed

N1-031091 : Nortel, **Type**: DISCUSSION, **Title**: Subscriber and Equipment trace impacts to the Core Network

Discussion : Christian Touche from Nortel and vice chair of SA5 and chair of the trace group in SA5 SWGD kindly gave a presentation to CN1 with CN4 participation. He outlined the documentation and stated that no trace deliverables have been made for Rel-5. For Rel-6 the TSs 32.421/2/3 is progressing and the meeting intends to respond to the LS in 1008 after the information now given on the trace issues and a following discussion. Signalling activation/deactivation message/parameter/event shall be defined in the relevant protocol like SIP with trace reference identity. Other requirements on how tracing are done were outlined. When would SA5 like to have the information available from the CN WGs to have signaling based trace ready. Rel-6 can earliest be ready in March 2004. SA5 stage 1 and stage 2 are handled within themselves. The timing and detailed requirements from SA5 to CN groups were desired. Further discussed on 1008.

Conclusion : Noted

9 LS OUT (output liaison statements)

N1-031193 : Atle/Ericsson, **Type**: LS OUT , **To:** CN3, **Cc:** SA2, **Title**: Reply LS on IMS Session Hold and Resume stage 2 and 3 descriptions

Discussion : Reply to 952. Questioned if the text could be expanded with information on interworking aspects, apart from messages and attributes.

Conclusion : Revised to 1286

N1-031286 : Atle/Ericsson, **Type**: LS OUT , **To:** CN3, **Cc:** SA2, **Title**: Reply LS on IMS Session Hold and Resume stage 2 and 3 descriptions

Discussion :

Conclusion : Agreed

N1-031194 : Yukio/NEC, **Type**: LS OUT , **To:** RAN3, SA2, CN4, **Cc:** , **Title**: Reply LS on alignment of maximum bit rate for HSDPA in UMTS system

Discussion : Reply to 959. The N4 responsibility CRs should not be presented as info from CN1 since they have not been reviewed. Delete the sentence about this and add something on why the N4 CRs are included.

Conclusion : Revised to 1287

N1-031287 : Yukio/NEC, **Type**: LS OUT , **To:** RAN3, SA2, CN4, **Cc:** , **Title**: Reply LS on alignment of maximum bit rate for HSDPA in UMTS system

Discussion : Reply to 959.

Conclusion : Agreed

N1-031195 : Atle/Ericsson, **Type**: LS OUT,**To:** SA1, SA2, T3, **Cc:** , **Title**: LS on 'updated WID for emergency call enhancements for IP & PS based calls'

Discussion : Reply to 963. Proposed to merge point 2 and 3. But that was made intentionally to give possibility to store on USIM/ISIM or in the handset. Item 4 needs a download mechanism. Correct Tdoc and attachment #s.

Conclusion : Revised to 1220

N1-031220 : Atle/Ericsson, **Type**: LS OUT,**To:** SA1, SA2, T3, **Cc:** , **Title**: LS on 'updated WID for emergency call enhancements for IP & PS based calls'

Discussion : Editorial change agreed in last part of item 2, and introduced directly by MCC. Changed to 'need to be stored in the ME'.

Conclusion : Agreed

N1-031196 : Christian/Ericsson, **Type**: LS OUT , **To:** T3, **Cc:** , **Title**: Response LS on Removal of RPLMNAcT for GSM COMPACT

Discussion : Reply to 970. Send also to T plenary if T3 has agreed the CRs.

Conclusion : Agreed

N1-031197 : Keith/Lucent, **Type**: LS OUT , **To:** , **Cc:** , **Title**: CN1 response to N1-031185 (CN's view on possible re-organisation of 3GPP charging specification work)

Discussion : Reply to 1185 to Stephan Hayes for consolidated response. Stephen has the information compiled already.

Conclusion : Withdrawn

N1-031198 : Georg/Nokia, **Type**: LS OUT , **To:** , **Cc:** , **Title**:

Discussion : Reply to 989. Not available.

Conclusion : Withdrawn

N1-031199 : Gabor/Nokia, **Type**: LS OUT , **To:** SA3, **Cc:** SA1, SA2, **Title**: Liason statement on Profiling of RFC3325 for IMS

Discussion : Reply to 994. It was identified that there is in fact only one supported privacy option supported in 24.229 relating to "id" privacy. The "none" (and additionally the "critical" not mentioned in the liason statement) are values in the Privacy header that all implementations must support. Additionally there is a question of whether this profile should be documented by 33.203 or 24.229. This had been previously analysed by CN1 and while all issues were covered by 24.229, it was agreed to be not necessary to document this formally. The meeting agreed that as 24.229 is the point of normative reference for RFC 3325, that any proposal to formally document such a profile should be made to 24.229. It was agreed not to change the liaison statement to identify these two points, due to lack of time to agree a revision, but it was agreed that CN1 delegates would communicate these points informally to their SA3 colleagues.

Conclusion : Agreed

N1-031200 : Atle/Ericsson, **Type**: LS OUT,**To:** SA3, CN4, **Cc:** , **Title**: Reply LS on stage 3 level specification directions for support for subscriber certificate work item

Discussion : Reply to 995.

Conclusion : Agreed

N1-031201 : Robert/Siemens, **Type**: LS OUT,**To:** SA3, T3, **Cc:** , **Title**: Reply to LS (N1-031052) on 'Effects of service 27/38 on 2G/3G Interworking and emergency call' from SA3

Discussion : Reply to 1052.

Conclusion : Agreed

N1-031265 : Gabor/Nokia, **Type**: LS OUT , **To:** To: SA5, **Cc:** CN4, **Title**: Liason statement on Trace

Discussion : Reply to 1008. Not presented.

Conclusion : Revised to 1313

N1-031313 : Gabor/Nokia, **Type**: LS OUT , **To:** To: SA5, **Cc:** CN4, **Title**: Liason statement on Trace

Discussion : Reply to 1008.

Conclusion : Agreed

N1-031272 : Hannu/Nokia, **Type**: LS OUT , **To:** RAN2, **Cc:** , **Title**: LS UE idle mode

Discussion : Reply to 1260. Request RAN2 clarification in which RRC states the MS can be in idle mode from CN perspective, and that this is added to e.g. 25.331. Preferably a precise condition than asking for the states. Is this for R99 or Rel-6 work? Rel-6 since this is not a show stopper for MSs, that works in a way anyway now. But it was allso argued that it was difficult to judge the release as long as the CR is not available. Another view was that the definition of idle mode should be equal since R99.

Conclusion : Revised to 1289

N1-031289 : Hannu/Nokia, **Type**: LS OUT , **To:** RAN2, **Cc:** , **Title**: LS UE idle mode

Discussion : Reply to 1260

Conclusion : Agreed

N1-031315 : Hannu/Nokia, **Type**: LS OUT , **To:** SA2, **Cc:** CN4, **Title**: LS on P-TMSI signature validation in R99
Discussion : Reply to 1188. Not presented.

Conclusion : Revised to 1334

N1-031334 : Hannu/Nokia, **Type**: LS OUT , **To:** SA2, **Cc:** CN4, **Title**: LS on P-TMSI signature validation in R99
Discussion : Reply to 1188.

Conclusion : Agreed

N1-031330 : Georg/Nokia, **Type**: LS OUT , **To:** SA3, **Cc:** , **Title**: Liason statement on requesting a joint CN1-SA3 meeting

Discussion : SA3 is asked to respond as soon as possible for the joint session request and distribute their answer to the CN1 mailing list also. This LS is a formal request as required by SA3 people. Also CRs should be possibel for Rel-6 on the SA3 part at least. Further agenda etc. can be done later if the meeting gets arranged.

Conclusion : Agreed

10 Late and misplaced documents

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

11 Any Other Business (AOB)

None provided.

12 Closing of the meeting

15:30 Friday 29.08.2003

Review of dates and hosts for future meetings

Two tentative meetings proposed:

It was proposed to have a joint meeting in 6-7 of October during SA3 meeting in Portugal, and is included in LS 1330 proposed to SA3. Rel-6 issues should have priority.

Also a CN1 meeting #32bis was proposed for January, and hosts was invited to step forward.

Meeting schedule for CN1 in 2003 and 2004

3GPP Meeting	Date	Place	Host
N1-SIP-adhoc0102	14-18 January 2002	Phoenix, USA	ATTWS
N1#22	28 January-1 February 2002	Sophia Antipolis, France	ETSI
N1#22bis	19-21 February 2002	Oulu, Finland	Elisa Communications, Finnet, Nokia, Sonera, Viestintävirasto

TSGN#15	**6-8 March 2002**	**Korea**	**TTA**
N1#23	8-12 April 2002	Fort Lauderdale, FL, USA	NA 'Friends of 3GPP'
N1-SIPadhoc0204	23-25 April 2002	Madrid, Spain	Telefonica, Ericsson
N1#24	13-17 May 2002	Budapest, Hungary	Ericsson
TSGN#16	**5-7 June 2002**	**Marco Island, FL, USA**	**Motorola**
N1#25	29.July-2.August 2002	Helsinki, Finland	Sonera
TSGN#17	**4-6 September 2002**	**France**	**Alcatel**
N1#26	23-27 September 2002	Miami, USA	NA 'Friends of 3GPP'
CN1 Rel-6 ad hoc	22 - 24 October	Munich, Germany	NTT DoCoMo
N1#27	11-15 November 2002	Bangkok, Thailand	Japanese Friends of 3GPP
TSGN#18	**4-6 December 2002**	**New Orleans, Louisiana, USA**	**NA 'Friends of 3GPP'**
N1#28	10 – 14 February 2003	Dublin, Irland	EF3 (European friends of 3GPP)
TSGN #19	**12 – 14 March 2003**	**Birmingham, UK**	**UK Friends of 3GPP**
N1#29	31 march – 04 April 2003	Sophia Antipolis, France	ETSI
N1#30	19 – 23 May 2003	San Diego, USA	NA 'Friends of 3GPP'
TSGN #20	**4 – 6 June 2003**	**Hameenlinna, Finland**	**Nokia**
June or July (Accelerate CN1 work on MBMS), this is conditional to SA2 deciding on the principles for CN1 to build on. 25-26 June 2003 (Cancelled)	CN1 MBMS ad hoc	UK?	Three
N1#31	25 – 29 August 2003	Sophia Antipolis, France	ETSI
TSGN #21	**17 – 19 September 2003**	**Frankfurt, Germany**	**Siemens**
N1#32	27 – 31 October 2003	Bangkok, Thailand	Japanese Friends of 3GPP
TSGN #22	**10 – 12 December 2003**	**Hawaii, USA**	**North American & Japanese Friends of 3GPP**
N1#33	16 – 20 Feb. 2004	TBD, CN WGs 1, 2, 3 & 4	
TSGN #23	**10 - 12 Mar 2004**	**China ; CN**	
N1#34	10-14 May 2004	TBD, CN WGs 1, 2, 3 & 4	
TSGN #24	**2 - 4 Jun 2004**	**Korea; KR**	
N1#35	16 – 20 August	TBD, CN WGs 1, 2, 3 & 4	
TSGN #25	**8 - 10 Sep 2004**	**US ; US**	
N1#36	11 – 15 Oct 2004 or 15 – 19 Nov 2004	TBD, CN WGs 1, 2, 3 & 4	
TSGN #26	**08 -10 Dec 2004**	**TBD**	

Annex A Joint meeting report with none

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

Annex B List of participants (41)

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Annex C Agreed CRs (78)

Status	Type	Spec	CR #	Rev	C_Version	Rel	CAT	TDoc #	Tdoc Title	Source	WI	Comments
AGREED	CR	03.68	A034	1	8.2.0	R99	F	N1-031202	Correction of uplink release management	Siemens	ASCI	Revised from 1062
AGREED	CR	03.68	A035	1	5.5.1	R96	F	N1-031205	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1076
AGREED	CR	03.68	A036	1	6.3.0	R97	A	N1-031206	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1077
AGREED	CR	03.68	A037	1	7.2.0	R98	A	N1-031207	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1078
AGREED	CR	03.68	A038	1	8.2.0	R99	A	N1-031208	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1079
AGREED	CR	03.69	A024	1	5.5.1	R96	F	N1-031211	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1082
AGREED	CR	03.69	A025	1	6.3.0	R97	A	N1-031212	Correction to definition of Group-ID, Group call area ID and Group	Nortel	ASCI	Revised from 1083

Status	Type	Spec	CR #	Rev	C_Version	Rel	CAT	TDoc #	Tdoc Title	Source	WI	Comments
									Call Reference			
AGREED	CR	03.69	A026	1	7.2.0	R98	A	N1-031213	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1084
AGREED	CR	03.69	A027	1	8.2.0	R99	A	N1-031214	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1085
AGREED	CR	23.009	099		5.5.0	Rel-5	F	N1-031099	Correction to UESBI-Iu definition	Nokia	LATE_UE	Revised before the meeting, which was later withdrawn.
AGREED	CR	23.122	059		3.9.0	R99	F	N1-031053	Removal of RPLMNAcT field	Nokia	TEI	
AGREED	CR	23.122	060		4.3.0	Rel-5	A	N1-031054	Removal of RPLMNAcT field	Nokia	TEI	
AGREED	CR	23.122	061		5.2.0	Rel-5	A	N1-031055	Removal of RPLMNAcT field	Nokia	TEI	
AGREED	CR	23.218	057		5.5.0	Rel-5	F	N1-031070	Removal of Incorrect Information	Nortel	IMS-CCR	
AGREED	CR	24.008	747		5.8.0	Rel-5	F	N1-030998	Correction of the static conditions for the backup bearer capability IE contents	Ericsson	TEI5	
AGREED	CR	24.008	787		6.1.0	Rel-6	A	N1-030999	Correction of the static conditions for the backup bearer capability IE contents	Ericsson	TEI5	
AGREED	CR	24.008	792		5.8.0	Rel-5	F	N1-031004	Deletion of EFRPLMNAcT	Ericsson	TEI5	

Status	Type	Spec	CR #	Rev	C_Version	Rel	CAT	TDoc #	Tdoc Title	Source	WI	Comments
AGREED	CR	24.008	793		6.1.0	Rel-6	A	N1-031005	Deletion of EFRPLMNAcT	Ericsson	TEI5	
AGREED	CR	24.008	794	1	5.8.0	Rel-5	F	N1-031225	Clarification of handover - BC-IE	Ericsson	TEI5	Revised from 1006
AGREED	CR	24.008	795	1	6.1.0	Rel-6	A	N1-031226	Clarification of handover - BC-IE	Ericsson	TEI5	Revised from 1007
AGREED	CR	24.008	798		6.1.0	Rel-6	F	N1-031056	Source of the CS domain specific system information	Siemens	TEI6	
AGREED	CR	24.008	799	1	6.1.0	Rel-6	F	N1-031321	Signaling connection release after GMM procedure	Siemens	TEI6	Revised from 1057
AGREED	CR	24.008	804	2	3.16.0	R99	F	N1-031317	Clarification of BC negotiation for multimedia calls	Siemens	Multimedia	Revised from 1065 and 1221
AGREED	CR	24.008	805	2	4.11.0	Rel-4	A	N1-031318	Clarification of BC negotiation for multimedia calls	Siemens	Multimedia	Revised from 1066 and 1222
AGREED	CR	24.008	806	2	5.8.0	Rel-5	A	N1-031319	Clarification of BC negotiation for multimedia calls	Siemens	Multimedia	Revised from 10673and 1223
AGREED	CR	24.008	807	2	6.1.0	Rel-6	A	N1-031320	Clarification of BC negotiation for multimedia calls	Siemens	Multimedia	Revised from 1068 and 1224
AGREED	CR	24.008	810	1	3.16.0	R99	F	N1-031180	Change of DTM core capability	Nokia	TEI	Revised from 1095
AGREED	CR	24.008	811	1	4.11.0	Rel-4	A	N1-031181	Change of DTM core capability	Nokia	TEI	Revised from 1096
AGREED	CR	24.008	812	1	5.8.0	Rel-5	A	N1-031182	Change of DTM core capability	Nokia	TEI	Revised from 1097
AGREED	CR	24.008	813	1	6.1.0	Rel-6	A	N1-031183	Change of DTM core capability	Nokia	TEI	Revised from 1098
AGREED	CR	24.008	814	1	5.8.0	Rel-5	F	N1-031311	Introduction of mobile station multislot power classes	Ericsson, Nokia	TEI5	Revised from 1270

Status	Type	Spec	CR #	Rev	C_Version	Rel	CAT	TDoc #	Tdoc Title	Source	WI	Comments
AGREED	CR	24.008	815	1	6.1.0	Rel-6	A	N1-031312	Introduction of mobile station multislot power classes	Ericsson, Nokia	TEI5	Revised from 1271
AGREED	CR	24.011	031		5.2.0	Rel-6	F	N1-031325	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	TEI6	See 1252.
AGREED	CR	24.228	113		5.5.0	Rel-5	F	N1-031011	Removal of address binding by P-CSCF in registration flows	Orange	IMS-CCR	
AGREED	CR	24.228	114	1	5.5.0	Rel-5	F	N1-031237	Corrections on MGCF handling CS originating or terminating sessions	Orange	IMS-CCR	Revised from 1012
AGREED	CR	24.228	115	1	5.5.0	Rel-5	F	N1-031262	Update Handling of SA chap_6_7_8	Siemens	IMS-CCR	Revised from 1016
AGREED	CR	24.228	116	1	5.5.0	Rel-5	F	N1-031263	Update Handling of SA chap_ 10	Siemens	IMS-CCR	Revised from 1017
AGREED	CR	24.228	117	1	5.5.0	Rel-5	F	N1-031264	Update Handling of SA chap_16_17_18	Siemens	IMS-CCR	Revised from 1018
AGREED	CR	24.229	444	2	5.5.0	Rel-5	F	N1-031328	All non-REGISTER requests must be integrity protected	3	IMS-CCR	Revised from 984 and 1236
AGREED	CR	24.229	445		5.5.0	Rel-5	F	N1-031010	Download of all service profiles linked to PUID being registered and implicitly registered	Orange	IMS-CCR	
AGREED	CR	24.229	448	3	5.5.0	Rel-5	F	N1-031326	Authentication at UE	Lucent Technologies / Milo Orsic	IMS-CCR	Revised from 1023, 1241 and 1249
AGREED	CR	24.229	449	1	5.5.0	Rel-5	F	N1-031242	Nework authentication failure at the UE	Lucent Technologies / Milo Orsic	IMS-CCR	Revised from 1024

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AGREED	CR	24.229	451	3	5.5.0	Rel-5	F	N1-031327	Handling of security association	Lucent Technologies / Milo Orsic	IMS-CCR	Revised from 1026,1243 and 1273
AGREED	CR	24.229	452	1	5.5.0	Rel-5	F	N1-031274	Re-authentication timer at S-CSCF	Ericsson/Lucent T.	IMS-CCR	Revised from 1027
AGREED	CR	24.229	455	2	5.5.0	Rel-5	F	N1-031285	Authentication failure at S-CSCF	Lucent Technologies / Milo Orsic	IMS-CCR	Revised from 1030 and 1244
AGREED	CR	24.229	456	2	5.5.0	Rel-5	F	N1-031276	Subscription termination sent by the S-CSCF	Lucent Technologies / Milo Orsic	IMS-CCR	Revised from 1031 and 1231
AGREED	CR	24.229	457		5.5.0	Rel-5	F	N1-031032	Subscription termination at the P-CSCF	Lucent Technologies / Milo Orsic	IMS-CCR	
AGREED	CR	24.229	458		5.5.0	Rel-5	F	N1-031033	Network - initiated deregistration at P-CSCF	Lucent Technologies / Milo Orsic	IMS-CCR	
AGREED	CR	24.229	459	1	5.5.0	Rel-5	F	N1-031232	Notification about registration status at AS	Lucent Technologies / Milo Orsic	IMS-CCR	Revised from 1034
AGREED	CR	24.229	461	1	5.5.0	Rel-5	F	N1-031233	Service profile	Lucent Technologies / Milo Orsic	IMS-CCR	Revised from 1036
AGREED	CR	24.229	465	1	5.5.0	Rel-6	F	N1-031267	Alignment with TS for policy control over Gq interface	NEC	IMS2	Revised from 1047
AGREED	CR	24.229	466	1	5.5.0	Rel-5	F	N1-031246	Requirements on Preconditions	Nortel	IMS-CCR	Revised from 1069
AGREED	CR	24.229	467	1	5.5.0	Rel-5	F	N1-031238	Call forwarding cleanup	Ericsson	IMS-CCR	Revised from 1093
AGREED	CR	24.229	468		5.5.0	Rel-5	F	N1-031094	Update of references	Ericsson	IMS-CCR	
AGREED	CR	24.229	470	1	5.5.0	Rel-5	F	N1-031314	Adding P-Asserted-Identity headers to NE initiated subscriptions	Nokia	IMS-CCR	Revised from 1107
AGREED	CR	24.229	472	1	5.5.0	Rel-	B	N1-	I-CSCF procedures for	Nokia	IMS2	Revised

Status	Type	Spec	CR #	Rev	C_Version	Rel	CAT	TDoc #	Tdoc Title	Source	WI	Comments
						6		031304	openness			from 1109
AGREED	CR	24.229	473	1	5.5.0	Rel-6	B	N1-031300	Registration from multiple terminals and forking	Nokia	IMS2	Revised from 1110
AGREED	CR	24.229	479	1	5.5.0	Rel-5	F	N1-031247	Replace USIM by ISIM for user identity storage	Qualcomm	IMS-CCR	Revised from 1116
AGREED	CR	24.229	480	3	5.5.0	Rel-6	B	N1-031333	Access Independent IMS	Qualcomm	IMSCOOP	Revised from 1118, 1245 and 1303
AGREED	CR	24.229	481	1	5.5.0	Rel-5	F	N1-031248	24.229 R5 CR: Corrections to Profile Tables	Nokia	IMS-CCR	Revised from 1139
AGREED	CR	24.229	482		5.5.0	Rel-5	F	N1-031140	24.229 R5 CR: Setting of SUBSCRIBE exipiration time	Nokia	IMS-CCR	
AGREED	CR	24.229	483	3	5.5.0	Rel-5	F	N1-031335	24.229 R5 CR: Alignment of IMS Compression with RFC 3486	Nokia	IMS-CCR	Revised from 1171,1235 and 1329
AGREED	CR	29.018	036		3.10.0	R99	F	N1-031039	Aligning IMEI in 29.018 with 23.003	NTTDoCoMo	TEI	
AGREED	CR	29.018	037		4.4.0	Rel-4	A	N1-031040	Aligning IMEI in 29.018 with 23.003	NTTDoCoMo	TEI	
AGREED	CR	29.018	038		5.4.0	Rel-5	A	N1-031041	Aligning IMEI in 29.018 with 23.003	NTTDoCoMo	TEI	
AGREED	CR	29.018	039		5.4.0	Rel-5	F	N1-031120	Correction to location update procedures in VLR	Vodafone	LATE_UE	
AGREED	CR	43.068	009	1	4.2.2	Rel-4	A	N1-031203	Correction of uplink release management	Siemens	ASCI	Revised from 1063
AGREED	CR	43.068	010	1	5.2.0	Rel-5	A	N1-031204	Correction of uplink release management	Siemens	ASCI	Revised from 1064
AGREED	CR	43.068	011	1	4.2.2	Rel-4	A	N1-031209	Correction to definition of Group-ID,	Nortel	ASCI	Revised from 1080

Status	Type	Spec	CR #	Rev	C_Version	Rel	CAT	TDoc #	Tdoc Title	Source	WI	Comments
									Group call area ID and Group Call Reference			
AGREED	CR	43.068	012	1	5.2.0	Rel-5	A	N1-031210	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1081
AGREED	CR	43.068	013	1	5.2.0	Rel-5	F	N1-031217	Correction to MS Late Entry description	Nortel	TEI5	Revised from 1088
AGREED	CR	43.068	014	2	5.2.0	Rel-6	F	N1-031332	Dispatcher signalled mute/unmute of talkers downlink and correction and update of incorrect implementation of CR 03.68 A022	Nortel	TEI6	Revised from 1090 and 1219
AGREED	CR	43.069	008	1	4.2.2	Rel-4	A	N1-031215	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1086
AGREED	CR	43.069	009	1	5.2.0	Rel-5	A	N1-031216	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	ASCI	Revised from 1087
AGREED	CR	43.069	010	1	5.2.0	Rel-5	F	N1-031218	Correction to MS Late Entry description	Nortel	TEI5	Revised from 1089
AGREED	CR	44.065	006	2	5.0.0	Rel-5	F	N1-031229	Correction to References	Nortel	TEI5	Revised from 1073 and 1178
AGREED	CR	44.065	007		6.0.0	Rel-6	A	N1-031074	Correction to References	Nortel	TEI5	
AGREED	CR	44.065	008	1	6.0.0	Rel-6	F	N1-031283	Corrections on Compression details	Nortel	TEI6	Revised from 1075

CRs for e-mail agreement

None

Documents Endorsed by N1

None

Annex D Tdoc list (incl. the status)

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
N1-030946	Sophia0308	Chairman								AGENDA		AGREE
N1-030947	DRAFT MEETING REPORT, 3GPP TSG-CN#20	MCC								REPORT		NOTED
N1-030948	Draft Report for TSG SA meeting #20	MCC								REPORT		NOTED
N1-030949	CN1 specification responsibility list after plenary#20	MCC								LIST		NOTED
N1-030950	Latest workplan for review	MCC								WORK PLAN		REVISD TO 1323
N1-030951	LS on Stage 3 work for Early UE handling	GERAN2								LS IN	G2-030437, To: SA2, CN4, Cc: CN1, RAN3, SA1, GERAN, RAN, SA, CN,	NOTED
N1-030952	LS on IMS Session Hold and Resume stage 2 and 3 descriptions	CN3								LS IN	N3-030413, To: SA2, CN1, SA5, Cc: ,	LS OUT in 1193
N1-030953	LS on Core Network Provision of separate flows for P2P and P2M radio Transmission and Minimum UE Capability Required for Supporting	RAN1								LS IN	R1-030630, To: SA2, Cc: RAN2, GERAN1, GERAN2,	NOTED

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
	MBMS										SA1, SA4, CN1, CN4,	
N1-030954	LS on MMS for Deferred Mode IMS Messaging	T2								LS IN	T2-030335, To: SA2, Cc: SA1, CN1,	NOTED
N1-030955	Reply LS on work following the joint SA2/RAN2/CN1 meeting on Paging	RAN2								LS IN	R2-031458, To: SA2, Cc: CN1, RAN3,	NOTED
N1-030956	Response to LS on double ciphering for MBMS multicast data.	RAN2								LS IN	R2-031460, To: SA3, Cc: CN1, GERAN2,	NOTED
N1-030957	Liaison Statement on DRX parameter	RAN2								LS IN	R2-031473, To: SA2, Cc: GERAN1, GERAN2, CN1, RAN1, RAN3, T2,	NOTED
N1-030958	LS on RAN assumptions in MBMS TS	RAN3								LS IN	R3-030896, To: SA2, Cc: RAN2, CN1,	NOTED
N1-030959	To align maximum bitrate of HSDPA in UMTS system	RAN3								LS IN	R3-030912, To: SA2, CN1, Cc: ,	LS OUT in 1194
N1-030960	Clarification on “Iu release”	Nortel Networks								LS IN	R3-030913, To: SA2, Cc: CN1, RAN2,	NOTED
N1-030961	LS on "Inclusion of IMS Signalling Indicator in S-CDR"	SA5								LS IN	S5-034312, To: SA2, CN4, Cc: CN1,	NOTED

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
											GSMA CPWP, GSMA TADIG FSS,	
N1-030962	Reply LS on Handling of the SDP 'inactive' direction attribute	SA5								LS IN	S5-034350, To: CN3, Cc: CN1,	NOTED
N1-030963	Reply LS on 'updated WID for emergency call enhancements for IP & PS based calls'	T3								LS IN	T3-030392, To: CN1, Cc: ,	LS OUT in 1195
N1-030964	LS on SIP signalling interworking between IM CN subsystem entities and SIP network entities external to the IN CN subsystem	CN3								LS IN	N3-030461, To: SA2, Cc: CN1,	NOTED
N1-030965	LS on Security Association Lifetime Management	CN								LS IN	NP-030308, To: SA3, Cc: CN1,	NOTED
N1-030966	Reply to LS on Core Network Provision of separate flows for P2P and P2M radio Transmission	RAN2								LS IN	R2-031483, To: SA2, Cc: SA4, CN1, CN4, RAN1, GERAN1, GERAN2,	NOTED
N1-030967	LS on Optimisation of the INTER RAT HANDOVER INFO message in the RRC protocol	GERAN2								LS IN	GP-031565, To: RAN2, Cc: CN1,	NOTED
N1-030968	LS on DTM capabilities	GERAN								LS IN	GP-031681, To: CN1, Cc: ,	NOTED
N1-030969	Reply LS on Broadcast and PLMN selection for Shared RAN	GERAN								LS IN	GP-031718, To: SA2, Cc: RAN2,	NOTEI

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
											CN1, SA1,	
N1-030970	LS on Removal of RPLMNAcT for GSM COMPACT	T3								LS IN	T3-030462, To: CN1, Cc: ,	LS OUT in 1196
N1-030971	Draft Response LS on Network Sharing Requirements for Rel-6	SA1								LS IN	S1-030858, To: SA2, CN1, Cc: ,	NOTED
N1-030972	Re: LS on SMS/MMS Interworking from WLANs	SA1								LS IN	S1-030967, To: T2, SA2, CN1, OMA MAG Push, Cc: CN4, OMA MAG, OMA MAG MMSG,	NOTED
N1-030973	Reply to LS on Core Network Provision of separate flows for P2P and P2M radio Transmission	SA4								LS IN	S4-030558, To: SA1, SA2, CN1, CN4, RAN1, RAN2, GERAN1, GERAN2, Cc: ,	NOTED
N1-030974	LS on MMS for Deferred Mode IMS Messaging and SMS/MMS Interworking from WLANs.	SA2								LS IN	S2-0302634, To: T2, OMA MAG PUSH, Cc: SA1, CN1,	NOTED
N1-030975	LS on minor issues identified by SA 2 during a review of the stage 3 CRs for the Early UE feature	SA2								LS IN	S2-032714, To: CN1, CN4, Cc: ,	NOTED
N1-030976	Reply LS on alignment of maximum bitrate of HSDPA in UMTS system	SA2								LS IN	S2-032720, To: RAN3, CN1, Cc: ,	NOTED
N1-	Liaison Statement on Service Id needs in the	SA2								LS IN	S2-032726,	NOTED

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
030977	Access										To: RAN2, GERAN2, Cc: CN1,	
N1-030978	Response LS on IMS Session Hold and Resume stage 2 and 3 descriptions	SA2								LS IN	S2-032733, To: CN3, Cc: SA5, CN1,	NOTED
N1-030979	Liaison on Security Solutions for the Ut Reference Point	SA2								LS IN	S2-032735, To: SA1, SA3, CN1, Cc: ,	NOTED
N1-030980	Correction to description or RES/XTRES usage	3	24.228	IMS-CCR	5.5.0	Rel-5	F	112		CR		REJECED
N1-030981	Correction to description or RES/XTRES usage	3	24.229	IMS-CCR	5.5.0	Rel-5	F	442		CR		REJECED
N1-030982	SA lifetimes corrections (alignment with 33.203)	3	24.229	IMS-CCR	5.5.0	Rel-5	F	443		CR		REJECED
N1-030983	Publish expiration time refresh	3	24.841	PRESNC	1.0.0	Rel-6	C			CR		AGREE
N1-030984	All non-REGISTER requests must be integrity protected	3	24.229	IMS-CCR	5.5.0	Rel-5	F	444		CR		REVISD TO 1236
N1-030985	Liaison on SIP signalling interworking	SA2								LS IN	S2-032737, To: CN1, CN3, SA3, SA5, Cc: ,	NOTED
N1-030986	LS Response to "Inclusion of IMS Signalling Indicator in S-CDR"	SA2								LS IN	S2-032741, To: SA5 (SWG-B), GSMA CPWP, GSMA TADIG FSS, GSMA BARG, Cc: CN1, CN4,	NOTED

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
N1-030987	LS on work following the joint SA2/RAN2/CN1 meeting on Paging	SA2								LS IN	S2-032744, To: RAN 2, Cc: RAN 3, CN1,	NOTED
N1-030988	LS on possible re-organisation of 3GPP charging specification work	SA5								LS IN	S5-034444, To: CN1, CN2, CN3, CN4, CN5, SA1, SA2, Cc: ,	NOTED
N1-030989	Need for OMA Liaison with 3GPP and 3GPP2 re PoC	OMA Requirements WG								LS IN	To: SA, CN, T, RAN, GERAN, 3GPP2 TSG-S Cc: OMA Groups: IP MM BoF, Ops & Procs and MAG PoC,	LS OUT in 1198
N1-030990	LS on ICID compatibility between Rel-5 SA5's 32.225 and CN1's 24.229	SA5								LS IN	S5-034446, To: CN1, Cc: ,	NOTED
N1-030991	LS reply on Rel-5 transport of unknown SIP signalling elements	SA5								LS IN	S5-034447, To: CN1, Cc: SA2, SA3,	NOTED
N1-030992	LS reply on Rel-6 IMS Session Hold and Resume stage 2 and 3 descriptions	SA5								LS IN	S5-034448, To: CN3, Cc: SA2, CN1,	NOTED
N1-030993	Response LS on Security Association Lifetime Management	SA3								LS IN	S3-030441, To: CN, CN1, Cc: ,	NOTED
N1-030994	LS on Profiling of RFC3325 for IMS	SA3								LS IN	S3-030468, To: SA2, CN1, Cc:	LS OUT in 1199

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
											SA1,	
N1-030995	Stage 3 level specification directions for support for subscriber certificate work item	SA3								LS IN	S3-030469, To: CN1, CN4, Cc: ,	LS OUT in 1200
N1-030996	Response to LS on transport of unknown SIP signalling elements	SA3								LS IN	S3-030470, To: CN1, Cc: SA2, SA5,	NOTED
N1-030997	LS on new interface names	SA3								LS IN	S3-030471, To: SA2, Cc: CN1, CN4,	NOTED
N1-030998	Correction of the static conditions for the backup bearer capability IE contents	Ericsson	24.008	TEI5	5.8.0	Rel-5	F	747		CR		AGREE
N1-030999	Correction of the static conditions for the backup bearer capability IE contents	Ericsson	24.008	TEI5	6.1.0	Rel-6	A	787		CR		AGREE
N1-031000	'no BC' option	Ericsson	24.008	SCUDIF	5.8.0	Rel-5	F	788		CR		WITHDAWN
N1-031001	'no BC' option	Ericsson	24.008	SCUDIF	6.1.0	Rel-6	A	789		CR		WITHDAWN
N1-031002	Inclusion of the BC IE in the CALL PROCEEDING message	Ericsson	24.008	SCUDIF	5.8.0	Rel-5	F	790		CR		WITHDAWN
N1-031003	Inclusion of the BC IE in the CALL PROCEEDING message	Ericsson	24.008	SCUDIF	6.1.0	Rel-6	A	791		CR		WITHDAWN
N1-031004	Deletion of EFRPLMNAcT	Ericsson	24.008	TEI5	5.8.0	Rel-5	F	792		CR		AGREE
N1-031005	Deletion of EFRPLMNAcT	Ericsson	24.008	TEI5	6.1.0	Rel-6	A	793		CR		AGREE
N1-	Clarification of	Ericsson	24.008	TEI5	5.8.0	Rel-5	F	794		CR		REVISD TO

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031006	handover - BC-IE											1225
N1-031007	Clarification of handover - BC-IE	Ericsson	24.008	TEI5	6.1.0	Rel-6	A	795		CR		REVISD TO 1226
N1-031008	LS reply on Rel-6 Subscriber and Equipment Trace impacts to the Core Network	SA5								LS IN	S5-038444, To: CN1, CN4, Cc: SA2, RAN3,	LS OUT in 1265
N1-031009	Commission pushes for rapid deployment of location enhanced 112 emergency services	European Commision								LS IN	IP/03/1122, To: Affected WGs and plenaries	NOTED
N1-031010	Download of all service profiles linked to PUID being registered and implicitly registered	Orange	24.229	IMS-CCR	5.5.0	Rel-5	F	445		CR		AGREE
N1-031011	Removal of address binding by P-CSCF in registration flows	Orange	24.228	IMS-CCR	5.5.0	Rel-5	F	113		CR		AGREE
N1-031012	Corrections on MGCF handling CS originating or terminating sessions	Orange	24.228	IMS-CCR	5.5.0	Rel-5	F	114		CR		REVISD TO 1237
N1-031013	Correction of flow in 6.4.2.1	Siemens	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1266
N1-031014	Use of "type" when subscribing to Conference State package	Siemens	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1282
N1-031015	Update Handling of Security Association	Siemens	24.229	IMS-CCR	5.5.0	Rel-5	F	446		CR		REVISD TO 1261
N1-031016	Update Handling of SA chap_6_7_8	Siemens	24.228	IMS-CCR	5.5.0	Rel-5	F	115		CR		REVISD TO 1262
N1-031017	Update Handling of SA chap_ 10	Siemens	24.228	IMS-CCR	5.5.0	Rel-5	F	116		CR		REVISD TO 1263

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N1-031018	Update Handling of SA chap_16_17_18	Siemens	24.228	IMS-CCR	5.5.0	Rel-5	F	117		CR		REVISD TO 1264
N1-031019	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	24.011	TEI	3.6.9	R99	F	028		CR		REVISD TO 1250
N1-031020	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	24.011	TEI	4.1.1	Rel-4	A	029		CR		REVISD TO 1251
N1-031021	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	24.011	TEI	5.2.0	Rel-5	A	030		CR		REVISD TO 1252
N1-031022	Security-Client header in REGISTER request	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	447		CR	Revised before presentation.	REVISD TO 1240
N1-031023	Authentication at UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	448		CR	Revised before presentation.	REVISD TO 1241
N1-031024	Nework authentication failure at the UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	449		CR	Revised before presentation.	REVISD TO 1242
N1-031025	Authentication failure at the UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	450		CR		REVISD TO 1275
N1-031026	Usage of the SA at the P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	451		CR	Revised before presentation.	REVISD TO 1243
N1-031027	Re-authentication timer at S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	452		CR		REVISD TO 1274
N1-031028	The reg-await-auth timer expiration	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	453		CR		REJECED
N1-031029	Setting the SA lifetime at UE during	Lucent Technologies	24.229	IMS-CCR	5.5.0	Rel-5	F	454		CR		REJECED

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	registration	/ Milo Orsic										
N1-031030	Authentication failure at S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	455		CR	Revised before presentation.	REVISED TO 1244
N1-031031	Subscription termination sent by the S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	456		CR		REVISED TO 1231
N1-031032	Subscription termination at the P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	457		CR		AGREE
N1-031033	Network -initiated deregistration at P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	458		CR		AGREE
N1-031034	Notification about registration status at AS	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	459		CR		REVISED TO 1232
N1-031035	Use of the P-CSCF's default port	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	460		CR		REJECED
N1-031036	Service profile	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	461		CR		REVISED TO 1233
N1-031037	c= parameter in SDP	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	462		CR		REJECED
N1-031038	References update	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	463		CR		REJECED
N1-031039	Aligning IMEI in 29.018 with 23.003	NTTDoCoMo	29.018	TEI	3.10.0	R99	F	036		CR		AGREE
N1-031040	Aligning IMEI in 29.018 with 23.003	NTTDoCoMo	29.018	TEI	4.4.0	Rel-4	A	037		CR		AGREE
N1-031041	Aligning IMEI in 29.018 with 23.003	NTTDoCoMo	29.018	TEI	5.4.0	Rel-5	A	038		CR		AGREE
N1-031042	Support of the maximum bit rate for HSDPA	NEC	24.008	HSDPA	5.8.0	Rel-5	F	796		CR		REVISED TO 1227
N1-	Support of the maximum bit rate for	NEC	24.008	HSDP	6.1.0	Rel-6	A	797		CR		REVISED TO

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031043	HSDPA			A								1228
N1-031044	Corrections on definition of SPT, etc	NEC	23.218	IMS-CCR	5.5.0	Rel-5	F	056		CR		REJECED
N1-031045	Corrections on ICID for REGISTER	NEC	24.229	IMS-CCR	5.5.0	Rel-5	F	464		CR		REVISD TO 1234
N1-031046	Proposal of charging related procedure in TR24.841	NEC	24.841	PRESNC	1.0.0	Rel-6				CR		POSTPNED
N1-031047	Alignment with TS for policy control over Gq interface	NEC	24.229	IMS2	5.5.0	Rel-6	F	465		CR		REVISD TO 1267
N1-031048	Proposal of 3GPP conferencing overview in TR29.847	NEC	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1268
N1-031049	Proposal of charging related procedure in TR29.847	NEC	29.847	IMS2	0.2.0	Rel-6				CR		POSTPNED
N1-031050	Proposed several change in TR29.847	NEC	29.847	IMS2	0.2.0	Rel-6				CR		NOTED
N1-031051	Revised WID on IMS Stage 3 Enhancements	NEC		IMS2						WID		POSTPNED
N1-031052	LS on ‘Effects of service 27/38 on 2G/3G Interworking and emergency call’.	SA3								LS IN	S3-030474, To: T3, CN1	LS OUT in 1201
N1-031053	Removal of RPLMNAcT field	Nokia	23.122	TEI	3.9.0	R99	F	059		CR		AGREE
N1-031054	Removal of RPLMNAcT field	Nokia	23.122	TEI	4.3.0	Rel-5	A	060		CR		AGREE
N1-031055	Removal of RPLMNAcT field	Nokia	23.122	TEI	5.2.0	Rel-5	A	061		CR		AGREE
N1-031056	Source of the CS domain specific system information	Siemens	24.008	TEI6	6.1.0	Rel-6	F	798		CR		AGREE
N1-031057	Signaling connection release after GMM procedure	Siemens	24.008	TEI6	6.1.0	Rel-6	F	799		CR		REVISD TO 1321

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
N1-031058	TFT error handling	Siemens	24.008	TEI	3.16.0	R99	F	800		CR		WITHDAWN
N1-031059	TFT error handling	Siemens	24.008	TEI	4.11.0	Rel-4	A	801		CR		WITHDAWN
N1-031060	TFT error handling	Siemens	24.008	TEI	5.8.0	Rel-5	A	802		CR		POSTPNED
N1-031061	TFT error handling	Siemens	24.008	TEI	6.1.0	Rel-6	A	803		CR		POSTPNED
N1-031062	Correction of uplink release management	Siemens	03.68	ASCI	8.2.0	R99	F	A034		CR		REVISD TO 1202
N1-031063	Correction of uplink release management	Siemens	43.068	ASCI	4.2.2	Rel-4	A	009		CR		REVISD TO 1203
N1-031064	Correction of uplink release management	Siemens	43.068	ASCI	5.2.0	Rel-5	A	010		CR		REVISD TO 1204
N1-031065	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	3.16.0	R99	F	804		CR		REVISD TO 1221
N1-031066	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	4.11.0	Rel-4	A	805		CR		REVISD TO 1222
N1-031067	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	5.8.0	Rel-5	A	806		CR		REVISD TO 1223
N1-031068	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	6.1.0	Rel-6	A	807		CR		REVISD TO 1224
N1-031069	Requirements on Preconditions	Nortel	24.229	IMS-CCR	5.5.0	Rel-5	F	466		CR		REVISD TO 1246
N1-031070	Removal of Incorrect Information	Nortel	23.218	IMS-CCR	5.5.0	Rel-5	F	057		CR		AGREE
N1-031071	Request for Multiple Identities	Nortel	24.008	TEI5	5.8.0	Rel-5	F	808		CR		Not availab
N1-031072	Request for Multiple Identities	Nortel	24.008	TEI5	6.1.0	Rel-6	A	809		CR		Not availab

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
N1-031073	Correction to References	Nortel	44.065	TEI5	5.0.0	Rel-5	F	006		CR	Revised before the meeting.	REVISD TO 1178
N1-031074	Correction to References	Nortel	44.065	TEI5	6.0.0	Rel-6	A	007		CR		AGREE
N1-031075	Corrections on Compression details	Nortel	44.065	TEI6	6.0.0	Rel-6	F	008		CR	Not presented.	REVISD TO 1283
N1-031076	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	5.5.1	R96	F	A035		CR		REVISD TO 1205
N1-031077	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	6.3.0	R97	A	A036		CR		REVISD TO 1206
N1-031078	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	7.2.0	R98	A	A037		CR		REVISD TO 1207
N1-031079	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	8.2.0	R99	A	A038		CR		REVISD TO 1208
N1-031080	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.068	ASCI	4.2.2	Rel-4	A	011		CR		REVISD TO 1209
N1-031081	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.068	ASCI	5.2.0	Rel-5	A	012		CR		REVISD TO 1210
N1-031082	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.69	ASCI	5.5.1	R96	F	A024		CR		REVISD TO 1211
N1-031083	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.69	ASCI	6.3.0	R97	A	A025		CR		REVISD TO 1212
N1-031084	Correction to definition of Group-ID, Group call area ID and Group Call	Nortel	03.69	ASCI	7.2.0	R98	A	A026		CR		REVISD TO

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	Reference											1213
N1-031085	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.69	ASCI	8.2.0	R99	A	A027		CR		REVISD TO 1214
N1-031086	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.069	ASCI	4.2.2	Rel-4	A	008		CR		REVISD TO 1215
N1-031087	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.069	ASCI	5.2.0	Rel-5	A	009		CR		REVISD TO 1216
N1-031088	Correction to MS Late Entry description	Nortel	43.068	ASCI	5.2.0	Rel-5	F	013		CR		REVISD TO 1217
N1-031089	Correction to MS Late Entry description	Nortel	43.069	ASCI	5.2.0	Rel-5	F	010		CR		REVISD TO 1218
N1-031090	Dispatcher signalled mute/unmute of talkers downlink and correction and update of incorrect implementation of CR 03.68 A022	Nortel	43.068	ASCI	5.2.0	Rel-6	F	014		CR		REVISD TO 1219
N1-031091	Subscriber and Equipment Trace impacts to the Core Network	SA5 SWGD				Rel-6				DISCUSSION		NOTED
N1-031092	Authentication/Authorization of watchers in the presence server	Ericsson	24.841	PRESNC	1.0.0	Rel-6				CR		NOTED
N1-031093	Call forwarding cleanup	Ericsson	24.229	IMS-CCR	5.5.0	Rel-5		467		CR		REVISD TO 1238
N1-031094	Update of references	Ericsson	24.229	IMS-CCR	5.5.0	Rel-5	F	468		CR		AGREE
N1-031095	Change of DTM core capability	Nokia	24.008	TEI	3.16.0	R99	F	810		CR	Revised before the meeting.	REVISD TO 1180
N1-	Change of DTM core	Nokia	24.008	TEI	4.11.0	Rel-4	A	811		CR	Revised before the	REVISD TO

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031096	capability										meeting.	1181
N1-031097	Change of DTM core capability	Nokia	24.008	TEI	5.8.0	Rel-5	A	812		CR	Revised before the meeting.	REVISD TO 1182
N1-031098	Change of DTM core capability	Nokia	24.008	TEI	6.1.0	Rel-6	A	813		CR	Revised before the meeting.	REVISD TO 1183
N1-031099	Correction to UESBI-Iu definition	Nokia	23.009	LATE_UE	5.5.0	Rel-5	F	099		CR	Revised before the meeting, which was later withdrawn.	AGREE
N1-031100	Revised TS skeleton for 3GPP WLAN IW Authentication	Nokia								TS		REVISD TO 1305
N1-031101	WLAN TS - Scope, References and Definitions	Nokia								CR		REVISD TO 1306
N1-031102	WLAN TS – General chapter	Nokia								CR		REVISD TO 1308
N1-031103	WLAN TS – UE to WLAN AN protocols	Nokia								CR		REVISD TO 1309
N1-031104	WLAN TS – UE to 3GPP AAA server protocols	Nokia								CR		AGREE
N1-031105	IMS security	Nokia								DISCUSSION		NOTED
N1-031106	ID privacy handling	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	469		CR		POSTPNED
N1-031107	Adding P-Asserted-Identity headers to NE initiated subscriptions	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	470		CR		REVISD TO 1314
N1-031108	Usage of preconditions	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	471		CR		POSTPNED
N1-031109	I-CSCF procedures for openness	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	472		CR		REVISD TO 1304

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N1-031110	Registration from multiple terminals and forking	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	473		CR		REVISD TO 1300
N1-031111	Record Routing requirements for the S-CSCF	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	474		CR	Replaced by 1301 as a CR on 23.218	REJECED
N1-031112	AS originated requests	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	475		CR	Was intended as 23.218, postponed as such.	REJECED
N1-031113	UE behaviour on reception of 420 (Bad Extension) message	NEC	24.229	IMS-CCR	5.5.0	Rel-5	F	476		CR		REVISD TO 1239
N1-031114	Discrepancy between 24.229 and RFC3455 regarding P-Charging-Vector header	NEC	24.229	IMS-CCR	5.5.0	Rel-5	F	477		CR		REJECED
N1-031115	Corrections on AS provided by the third party service providers	NEC	24.229	IMS-CCR	5.5.0	Rel-5	F	478		CR		REJECED
N1-031116	Replace USIM by ISIM for user identity storage	Qualcomm	24.229	IMS-CCR	5.5.0	Rel-5	F	479		CR		REVISD TO 1247
N1-031117	Access Independent IMS	Qualcomm								DISCUSSION		NOTED
N1-031118	Access Independent IMS	Qualcomm	24.229	IMSCOOP	5.5.0	Rel-6	B	480		CR	Revised before presentation.	REVISD TO 1245
N1-031119	Connecting to IM CN Subsystem through GPRS	Qualcomm	24.xyz	IMSCOOP	0.0.0	Rel-6				TS		NOTED
N1-031120	Correction to location update procedures in VLR	Vodafone	29.018	LATE_UE	5.4.0	Rel-5	F	039		CR		AGREE
N1-031121	TR 29.847 – Conferencing based on SIP, SDP and other protocols – version 0.2.0	Nokia	29.847	IMS2	0.2.0	Rel-6				TR		NOTED

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N1-031122	TS 24.147 – IMS Conferencing (Skeleton Proposal)	Nokia	24.147	IMS2	0.0.5	Rel-6				TS		REVISD TO 1280
N1-031123	TS 24.247 – IMS Messaging (Skeleton Proposal)	Nokia	24.247	IMS2	0.0.1	Rel-6				TS		REVISD TO 1281
N1-031124	Shifting TR 29.847 material to proposed TS 24.147	Nokia	24.147	IMS2	0.0.5	Rel-6				OTHER		REVISD TO 1288
N1-031125	Shifting of material agreed in CN1#31 for TR 29.847 to proposed TS 24.147	Nokia	24.147	IMS2	0.0.5	Rel-6				OTHER		WITHDAWN
N1-031126	Revised IMS-CCR-E Work Item	Nokia		IMS2		Rel-6				WID		REVISD TO 1290
N1-031127	29.847 IMS Conferencing CR: User Authentication at AS (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1291
N1-031128	29.847 IMS Conferencing CR: AS procedures: User subscribes to conference event (text)	Nokia	29.847	IMS-CCR	0.2.0	Rel-6				CR		REVISD TO 1292
N1-031129	29.847 IMS Conferencing CR: User invites other participant – REFER (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1293
N1-031130	29.847 IMS Conferencing CR: User invites other participant – REFER (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1294
N1-031131	29.847 IMS Conferencing CR: User getting invited from other participant – REFER (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		AGREE
N1-031132	29.847 IMS Conferencing CR: AS invites other participant (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1295

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N1-031133	29.847 IMS Conferencing CR: Conference creation in other network (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1296
N1-031134	29.847 IMS Conferencing CR: Three way conference (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		AGREE
N1-031135	IMS Messaging: Immediate Messaging (flow)	Nokia		IMS2		Rel-6				OTHER		POSTPNED
N1-031136	IMS Messaging: Immediate Messaging – Participant (text)	Nokia		IMS2		Rel-6				OTHER		POSTPNED
N1-031137	IMS Conferencing: User leaving a conference (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1297
N1-031138	29.847 IMS Conferencing CR: AS drops user from conference (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR		REVISD TO 1298
N1-031139	24.229 R5 CR: Corrections to Profile Tables	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	481		CR		REVISD TO 1248
N1-031140	24.229 R5 CR: Setting of SUBSCRIBE exipiration time	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	482		CR		AGREE
N1-031141	24.229 R6 CR: Making 24.229 access independent	Nokia	24.229	IMS2		Rel-6				DISCUSSION		NOTED
N1-031142	Update of security headers	Nokia	24.228	IMS-CCR	5.5.0	Rel-5	F	118		CR	Revised before the meeting.	REVISD TO 1179
N1-031143	Record-Routing of SIP dialogs in S-CSCF	Nokia	24.229	PRESNC	5.5.0	Rel-6	B	441	1	CR		Not availab
N1-031144	Bibliography update	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised before presentation.	REVISD TO 1253
N1-031145	Update to eventlist	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised before presentati	REVISD TO

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											on.	1254
N1-031146	Update to filtering issues	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR		AGREE
N1-031147	Update to partial notification	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised before presentation.	REVISD TO 1255
N1-031148	Update to presence publication issues	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised before presentation.	REVISD TO 1256
N1-031149	Update to presence publication flows	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised before presentation.	REVISD TO 1257
N1-031150	Update to notification issues	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised before presentation.	REVISD TO 1258
N1-031151	Shifting TR 24.841 1.0.0 to TS ab.cde 0.0.2	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR		REVISD TO 1316
N1-031152	WLAN TS – Annexes	Nokia								CR		REVISD TO 1310
N1-031153	Summary of current IETF documents on SIPPING	Lucent		IMS-CCR						INFO		NOTED
N1-031154	Summary of current IETF documents on SIP	Lucent		IMS-CCR						INFO		NOTED
N1-031155	Summary of current IETF documents on MMUSIC	Lucent		IMS-CCR						INFO		NOTED
N1-031156	Alignment of security header procedures with RFC 3329	Lucent	24.229	IMS-CCR	5.5.0	Rel-5		366	3	CR		Not availab
N1-031157	Discussion on the use of privacy in release 5 IM CN subsystem	Lucent		IMS-CCR		Rel-5				DISCUSSION		Not treated
N1-	Completion of major capabilities table in	Lucent	24.229	IMS-	5.5.0	Rel-5		367	2	CR		Not

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
031158	respect of privacy			CCR								treated
N1-031159	Privacy considerations for the UE	Lucent	24.229	IMS-CCR	5.5.0	Rel-5		420	1	CR		Not treated
N1-031160	Summary of current IETF documents on SIMPLE	Lucent		PRESNC		Rel-6				INFO		NOTED
N1-031161	Summary of current IETF documents on XCON	Lucent		IMS2		Rel-6				INFO		NOTED
N1-031162	Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details"	Lucent	24.841	PRESNC		Rel-6				TR		WITHDAWN
N1-031163	Presence WID open issues list	Lucent		PRESNC		Rel-6				INFO		NOTED
N1-031164	Charging references in 4.1	Lucent	24.229	IMS-CCR	5.5.0	Rel-5		432	1	CR		Not treated
N1-031165	Compression procedure tidyup	Lucent	24.229	IMS-CCR	5.5.0	Rel-5		435	1	CR		Not treated
N1-031166	MGCF procedure tidyup	Lucent	24.229	IMS-CCR	5.5.0	Rel-5		433	1	CR		Not treated
N1-031167	Flow number corrections in Annex B	Lucent	23.218	IMS-CCR	5.5.0	Rel-5	F	053	1	CR		Not treated
N1-031168	Minor terminology corrections	Lucent	23.218	IMS-CCR	5.5.0	Rel-5	F	054	1	CR		Not treated
N1-031169	Discussion document on PDU parameter documentation in profile tables	Lucent	24.229	IMS-CCR	5.5.0	Rel-5	F			DISCUSSION		Not treated
N1-031170	INVITE dialog amendments in profile	Lucent	24.229	IMS-CCR	5.5.0	Rel-5	F	485		CR		Not treated
N1-031171	24.229 R5 CR: Alignment of IMS Compression with RFC 3486	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	483		CR		REVISD TO 1235
N1-031172	24.229 R6 CR: NACK mechanism for Signalling Compression	Nokia								DISCUSSION		REVISD TO 1302

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N1-031173	Addition of RR_PAGE_IND primitive in the RR-SAP on the MS side	HSS	24.007	TEI	4.1.0	Rel-4	F	058		CR		Not treated
N1-031174	Handling of record routing and forking in S-CSCF	Nokia	23.218							DISCUSSION		WITHDAWN
N1-031175	Registration amendments in profile	Lucent	24.229	IMS-CCR	5.5.0	Rel-5		484		CR		Not treated
N1-031176	Proposed Presence Technical Specification	Lucent		PRESNC		Rel-6				TS	Not presented	REVISD TO 1324
N1-031177	MBMS WID	3		MBMS		Rel-6				WID		REVISD TO 1299
N1-031178	Correction to References	Nortel	44.065	TEI5	5.0.0	Rel-5	F	006	1	CR	Revised from 1073	REVISD TO 1229
N1-031179	Security related update in initial registration and re-registration procedures of UE	Nokia	24.228	IMS-CCR	5.5.0	Rel-5	F	118	1	CR	Revised from 1142	WITHDAWN
N1-031180	Change of DTM core capability	Nokia	24.008	TEI	3.16.0	R99	F	810	1	CR	Revised from 1095	AGREE
N1-031181	Change of DTM core capability	Nokia	24.008	TEI	4.11.0	Rel-4	A	811	1	CR	Revised from 1096	AGREE
N1-031182	Change of DTM core capability	Nokia	24.008	TEI	5.8.0	Rel-5	A	812	1	CR	Revised from 1097	AGREE
N1-031183	Change of DTM core capability	Nokia	24.008	TEI	6.1.0	Rel-6	A	813	1	CR	Revised from 1098	AGREE
N1-031184	Correction to UESBI-Iu definition	Nokia	23.009	LATE_UE	5.5.0	Rel-5	F	099	1	CR	Revised from 1099	WITHDAWN
N1-031185	CN's view on possible re-organisation of 3GPP charging specification work	CN Chair, CN Vice-Chair, CN WGs Chairs								LS IN	N3-030561, To: CN WGs	LS OUT in 1197
N1-031186	LS Response on new interface names	SA2								LS IN	S2-033235, To: SA3, Cc: CN1,	NOTED

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											CN4, SA5	
N1-031187	Reply LS on possible re-organisation of 3GPP charging specification work	SA2								LS IN	S2-033236, To: SA5, Cc: SA, CN1, CN2, CN3, CN4, CN5, SA1,	NOTED
N1-031188	LS on P-TMSI signature validation functionality in R99	SA2								LS IN	S2-033237, To: CN1, CN4, Cc: ,	LS OUT in 1315
N1-031189	Reply LS on "Broadcast and PLMN selection for shared RAN"	SA2								LS IN	S2-033238, To: GERAN, Cc: RAN2, CN1, SA1,	NOTED
N1-031190	LS on further guidance for Network Sharing in Rel-6	SA2								LS IN	S2-033239, To: CN1, SA1, RAN2, Cc: GERAN,	NOTED
N1-031191	Response to RAN assumptions on MBMS	SA2								LS IN	S2-033218, To: RAN3, Cc: RAN2, GERAN2, CN1, SA1,	NOTED
N1-031192	LS on a new Question about RAN Assumption	SA2								LS IN	S2-033168, To: RAN3, Cc: RAN2, CN1,	NOTED
N1-031193	Reply LS on IMS Session Hold and Resume stage 2 and 3 descriptions	Atle/Ericsson								LS OUT	Reply to 952. To: CN3, Cc: SA2.	REVISD TO 1286
N1-031194	Reply LS on alignment of maximum bit rate for HSDPA in UMTS system	Yukio/NEC								LS OUT	Reply to 959, To: RAN3, SA2, CN4	REVISD TO 1287
N1-	LS on ‘updated WID for emergency call	Atle/Ericsson								LS	Reply to 963, To:	REVISD TO

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031195	enhancements for IP & PS based calls'									OUT	SA1, SA2, T3	1220
N1-031196	Response LS on Removal of RPLMNAcT for GSM COMPACT	Christian/Ericsson								LS OUT	Reply to 970. To: T, T3	AGREE
N1-031197	CN1 response to N1-031185 (CN's view on possible re-organisation of 3GPP charging specification work)	Keith/Lucent								LS OUT	Reply to 1185	WITHDAWN
N1-031198	?	Georg/Nokia								LS OUT	Reply to 989. Not available.	WITHDAWN
N1-031199	Liason statement on Profiling of RFC3325 for IMS	Gabor/Nokia								LS OUT	Reply to 994. To: SA3, Cc: SA1, SA2.	AGREE
N1-031200	Reply LS on stage 3 level specification directions for support for subscriber certificate work item	Atle/Ericsson								LS OUT	Reply to 995. To: SA3, CN4, Cc:	AGREE
N1-031201	Reply to LS (N1-031052) on 'Effects of service 27/38 on 2G/3G Interworking and emergency call' from SA3	Robert/Siemens								LS OUT	Reply to 1052. To: SA3, T3	AGREE
N1-031202	Correction of uplink release management	Siemens	03.68	ASCI	8.2.0	R99	F	A034	1	CR	Revised from 1062	AGREE
N1-031203	Correction of uplink release management	Siemens	43.068	ASCI	4.2.2	Rel-4	A	009	1	CR	Revised from 1063	AGREE
N1-031204	Correction of uplink release management	Siemens	43.068	ASCI	5.2.0	Rel-5	A	010	1	CR	Revised from 1064	AGREE
N1-031205	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	5.5.1	R96	F	A035	1	CR	Revised from 1076	AGREE
N1-031206	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	6.3.0	R97	A	A036	1	CR	Revised from 1077	AGREE

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N1-031207	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	7.2.0	R98	A	A037	1	CR	Revised from 1078	AGREE
N1-031208	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.68	ASCI	8.2.0	R99	A	A038	1	CR	Revised from 1079	AGREE
N1-031209	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.068	ASCI	4.2.2	Rel-4	A	011	1	CR	Revised from 1080	AGREE
N1-031210	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.068	ASCI	5.2.0	Rel-5	A	012	1	CR	Revised from 1081	AGREE
N1-031211	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.69	ASCI	5.5.1	R96	F	A024	1	CR	Revised from 1082	AGREE
N1-031212	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.69	ASCI	6.3.0	R97	A	A025	1	CR	Revised from 1083	AGREE
N1-031213	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.69	ASCI	7.2.0	R98	A	A026	1	CR	Revised from 1084	AGREE
N1-031214	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	03.69	ASCI	8.2.0	R99	A	A027	1	CR	Revised from 1085	AGREE
N1-031215	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.069	ASCI	4.2.2	Rel-4	A	008	1	CR	Revised from 1086	AGREE
N1-031216	Correction to definition of Group-ID, Group call area ID and Group Call Reference	Nortel	43.069	ASCI	5.2.0	Rel-5	A	009	1	CR	Revised from 1087	AGREE
N1-031217	Correction to MS Late Entry description	Nortel	43.068	TEI5	5.2.0	Rel-5	F	013	1	CR	Revised from 1088	AGREE

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N1-031218	Correction to MS Late Entry description	Nortel	43.069	TEI5	5.2.0	Rel-5	F	010	1	CR	Revised from 1089	AGREE
N1-031219	Dispatcher signalled mute/unmute of talkers downlink and correction and update of incorrect implementation of CR 03.68 A022	Nortel	43.068	TEI6	5.2.0	Rel-6	F	014	1	CR	Revised from 1090	REVIS D TO 1332
N1-031220	LS on 'updated WID for emergency call enhancements for IP & PS based calls'	Atle/Ericsson								LS OUT	Reply to 963, To: SA1, SA2, T3, Revised from 1195	AGREE
N1-031221	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	3.16.0	R99	F	804	1	CR	Revised from 1065. Not presented.	REVIS D TO 1317
N1-031222	Clarification of BC 1.ion for multimedia calls	Siemens	24.008	Multimedia	4.11.0	Rel-4	A	805	1	CR	Revised from 1066. Not presented.	REVIS D TO 1318
N1-031223	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	5.8.0	Rel-5	A	806	1	CR	Revised from 1067. Not presented.	REVIS D TO 1319
N1-031224	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	6.1.0	Rel-6	A	807	1	CR	Revised from 1068. Not presented.	REVIS D TO 1320
N1-031225	Clarification of handover - BC-IE	Ericsson	24.008	TEI5	5.8.0	Rel-5	F	794	1	CR	Revised from 1006	AGREE
N1-031226	Clarification of handover - BC-IE	Ericsson	24.008	TEI5	6.1.0	Rel-6	A	795	1	CR	Revised from 1007	AGREE
N1-031227	Support of the maximum bit rate for HSDPA	NEC	24.008	HSDPA	5.8.0	Rel-5	F	796	1	CR	Revised from 1042	POSTP NED
N1-031228	Support of the maximum bit rate for HSDPA	NEC	24.008	HSDPA	6.1.0	Rel-6	A	797	1	CR	Revised from 1043	POSTP NED
N1-031229	Correction to References	Nortel	44.065	TEI5	5.0.0	Rel-5	F	006	2	CR	Revised from 1073	AGREE

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											and 1178	
N1-031230	LS on the effects of USIM services 27 and 38	T3								LS IN	T3-030693, To: S3, CN1, Cc: ,	NOTED
N1-031231	Subscription termination sent by the S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	456	1	CR	Revised from 1031	REVISD TO 1276
N1-031232	Notification about registration status at AS	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	459	1	CR	Revised from 1034	AGREE
N1-031233	Service profile	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	461	1	CR	Revised from 1036	AGREE
N1-031234	Corrections on ICID for REGISTER	NEC	24.229	IMS-CCR	5.5.0	Rel-5	F	464	1	CR	Revised from 1045	POSTPNED
N1-031235	24.229 R5 CR: Alignment of IMS Compression with RFC 3486	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	483	1	CR	Revised from 1171. Not presented.	REVISD TO 1329
N1-031236	All non-REGISTER requests must be integrity protected	3	24.229	IMS-CCR	5.5.0	Rel-5	F	444	1	CR	Revised from 984	REVISD TO 1328
N1-031237	Corrections on MGCF handling CS originating or terminating sessions	Orange	24.228	IMS-CCR	5.5.0	Rel-5	F	114	1	CR	Revised from 1012	AGREE
N1-031238	Call forwarding cleanup	Ericsson	24.229	IMS-CCR	5.5.0	Rel-5	F	467	1	CR	Revised from 1093	AGREE
N1-031239	UE behaviour on reception of 420 (Bad Extension) message	NEC	24.229	IMS-CCR	5.5.0	Rel-5	F	476	1	CR	Revised from 1113	POSTPNED
N1-031240	Security-Client header in REGISTER request	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	447	1	CR	Revised from 1022	REJECED
N1-031241	Authentication at UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	448	1	CR	Revised from 1023	REVISD TO 1249
N1-031242	Nework authentication failure at the UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	449	1	CR	Revised from 1024	AGREE

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N1-031243	Usage of the SA at the P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	451	1	CR	Revised from 1026	REVISD TO 1273
N1-031244	Authentication failure at S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	455	1	CR	Revised from 1030	REVISD TO 1285
N1-031245	Access Independent IMS	Qualcomm	24.229	IMSCOOP	5.5.0	Rel-6	B	480	1	CR	Revised from 1118	REVISD TO 1303
N1-031246	Requirements on Preconditions	Nortel	24.229	IMS-CCR	5.5.0	Rel-5	F	466	1	CR	Revised from 1069	AGREE
N1-031247	Replace USIM by ISIM for user identity storage	Qualcomm	24.229	IMS-CCR	5.5.0	Rel-5	F	479	1	CR	Revised from 1116	AGREE
N1-031248	24.229 R5 CR: Corrections to Profile Tables	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	481	1	CR	Revised from 1139	AGREE
N1-031249	Authentication at UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	448	2	CR	Revised from 1023 and 1241	REVISD TO 1326
N1-031250	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	24.011	TEI	3.6.9	R99	F	028	1	CR	Revised from 1019	REJECED
N1-031251	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	24.011	TEI	4.1.1	Rel-4	A	029	1	CR	Revised from 1020	REJECED
N1-031252	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	24.011	TEI	5.2.0	Rel-5	A	030	1	CR	Revised from 1021	REJECED
N1-031253	Bibliography update	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1144	AGREE
N1-031254	Update to eventlist	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1145	AGREE
N1-031255	Update to partial notification	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1147	AGREE
N1-031256	Update to presence publication issues	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1148	REVISD TO 1278

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N1-031257	Update to presence publication flows	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1149	REVISD TO 1279
N1-031258	Update to notification issues	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1150	REVISD TO 1277
N1-031259	Revision of WLAN WID to update CN1 work	Nokia/Inma		WLAN		Rel-6				WID		Not availab
N1-031260	Reply LS on RAN WG2 terminology and impacts on CN WG1 specifications (PLMN selection)	R2								LS IN	R2-031924, To: CN1	LS OUT in 1272
N1-031261	Update Handling of Security Association	Siemens	24.229	IMS-CCR	5.5.0	Rel-5	F	446	1	CR	Revised from 1015. Not presented.	REVISD TO 1284
N1-031262	Update Handling of SA chap_6_7_8	Siemens	24.228	IMS-CCR	5.5.0	Rel-5	F	115	1	CR	Revised from 1016	AGREE
N1-031263	Update Handling of SA chap_ 10	Siemens	24.228	IMS-CCR	5.5.0	Rel-5	F	116	1	CR	Revised from 1017	AGREE
N1-031264	Update Handling of SA chap_16_17_18	Siemens	24.228	IMS-CCR	5.5.0	Rel-5	F	117	1	CR	Revised from 1018	AGREE
N1-031265	Liason statement on Trace	Gabor/Nokia								LS OUT	Reply to 1008. Not presented. To: SA5, Cc: CN4	REVISD TO 1313
N1-031266	Correction of flow in 6.4.2.1	Siemens	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1013	AGREE
N1-031267	Alignment with TS for policy control over Gq interface	NEC	24.229	IMS2	5.5.0	Rel-6	F	465	1	CR	Revised from 1047	AGREE
N1-031268	Proposal of 3GPP conferencing overview in TR29.847	NEC	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1048	AGREE
N1-031269	LS on introduction of mobile station multislot power classes	GERAN1								LS IN	GP-032204, To: CN1,	NOTED
N1-	Introduction of mobile station multislot power	Ericsson,	24.008	TEI5	5.8.0	Rel-5	C	814		CR		REVISD TO

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031270	classes	Nokia										1311
N1-031271	Introduction of mobile station multislot power classes	Ericsson, Nokia	24.008	TEI5	6.1.0	Rel-6	A	815		CR		REVISD TO 1312
N1-031272	LS UE idle mode	Hannu/Nokia								LS OUT	Reply to 1260, To: RAN2	REVISD TO 1289
N1-031273	Usage of the SA at the P-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	451	2	CR	Revised from 1026 and 1243	REVISD TO 1327
N1-031274	Re-authentication timer at S-CSCF	Ericsson/Lucent T.	24.229	IMS-CCR	5.5.0	Rel-5	F	452	1	CR	Revised from 1027	AGREE
N1-031275	Authentication failure at the UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	450	1	CR	Revised from 1025	Not availab
N1-031276	Subscription termination sent by the S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	456	2	CR	Revised from 1031 and 1231	AGREE
N1-031277	Update to notification issues	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1150 and 1258	AGREE
N1-031278	Update to presence publication issues	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1148 and 1256	AGREE
N1-031279	Update to presence publication flows	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1149 and 1257	AGREE
N1-031280	TS 24.147 – IMS Conferencing (Skeleton Proposal)	Nokia	24.147	IMS2	0.0.5	Rel-6				TS	Revised from 1122	AGREE
N1-031281	TS 24.247 – IMS Messaging (Skeleton Proposal)	Nokia	24.247	IMS2	0.0.1	Rel-6				TS	Revised from 1123	AGREE
N1-031282	Use of "type" when subscribing to Conference State package	Siemens	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1014	AGREE
N1-031283	Corrections on Compression details	Nortel	44.065	TEI6	6.0.0	Rel-6	F	008	1	CR	Revised from 1075	AGREE

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
N1-031284	Update Handling of Security Association	Siemens	24.229	IMS-CCR	5.5.0	Rel-5	F	446	2	CR	Revised from 1015 and 1261. Not available.	WITHDAWN
N1-031285	Authentication failure at S-CSCF	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	455	2	CR	Revised from 1030 and 1244	AGREE
N1-031286	Reply LS on IMS Session Hold and Resume stage 2 and 3 descriptions	Atle/Ericsson								LS OUT	Reply to 952. To: CN3, Cc: SA2. Revised from 1193	AGREE
N1-031287	Reply LS on alignment of maximum bit rate for HSDPA in UMTS system	Yukio/NEC								LS OUT	Reply to 959, To: RAN3, SA2, CN4, Revised from 1194.	AGREE
N1-031288	Shifting TR 29.847 material to proposed TS 24.147	Nokia	29.847	IMS2	0.0.5	Rel-6				OTHER	Revised from 1124	AGREE
N1-031289	LS UE idle mode	Hannu/Nokia								LS OUT	Reply to 1260, To: RAN2, Revised from 1272	AGREE
N1-031290	Revised IMS-CCR-E Work Item	Nokia		IMS2		Rel-6				WID	Revised from 1126	REVISD TO 1307
N1-031291	29.847 IMS Conferencing CR: User Authentication at AS (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1127	AGREE
N1-031292	29.847 IMS Conferencing CR: AS procedures: User subscribes to conference event (text)	Nokia	29.847	IMS-CCR	0.2.0	Rel-6				CR	Revised from 1128	AGREE
N1-031293	29.847 IMS Conferencing CR: User invites other participant – REFER (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1129	AGREE

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
N1-031294	29.847 IMS Conferencing CR: User invites other participant – REFER (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1130	AGREE
N1-031295	29.847 IMS Conferencing CR: AS invites other participant (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1132. Not presented.	REVIS D TO 1322
N1-031296	29.847 IMS Conferencing CR: Conference creation in other network (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1133	AGREE
N1-031297	IMS Conferencing: User leaving a conference (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1137	AGREE
N1-031298	29.847 IMS Conferencing CR: AS drops user from conference (flow)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1138	AGREE
N1-031299	MBMS WID	3		MBMS		Rel-6				WID	Revised from 1177	AGREE
N1-031300	Registration from multiple terminals and forking	Nokia	24.229	IMS2	5.5.0	Rel-6	B	473	1	CR	Revised from 1110	AGREE
N1-031301	Record Routing requirements for the S-CSCF	Nokia	23.218	IMS-CCR	5.5.0	Rel-5	F	058		CR	See 1111.	Not availab
N1-031302	24.229 R6 CR: NACK mechanism for Signalling Compression	Nokia	24.229	IMS-CCR	5.5.0	Rel-6	F	486		CR	Revised from 1172	POSTP NED
N1-031303	Access Independent IMS	Qualcomm	24.229	IMSCOOP	5.5.0	Rel-6	B	480	2	CR	Revised from 1118 and 1245	REVIS D TO 1333
N1-031304	I-CSCF procedures for openness	Nokia	24.229	IMS2	5.5.0	Rel-6	B	472	1	CR	Revised from 1109	AGREE
N1-031305	Revised TS skeleton for 3GPP WLAN IW Authentication	Nokia				Rel-6				TS	Revised from 1100	AGREE
N1-031306	WLAN TS - Scope, References and Definitions	Nokia								CR	Revised from 1101	AGREE

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
N1-031307	Revised IMS-CCR-E Work Item	Nokia		IMS2		Rel-6				WID	Revised from 1126 and 1290.	REVISD TO 1331
N1-031308	WLAN TS – General chapter	Nokia								CR	Revised from 1102	AGREE
N1-031309	WLAN TS – UE to WLAN AN protocols	Nokia								CR	Revised from 1103	AGREE
N1-031310	WLAN TS – Annexes	Nokia								CR	Revised from 1152	AGREE
N1-031311	Introduction of mobile station multislot power classes	Ericsson, Nokia	24.008	TEI5	5.8.0	Rel-5	F	814	1	CR	Revised from 1270	AGREE
N1-031312	Introduction of mobile station multislot power classes	Ericsson, Nokia	24.008	TEI5	6.1.0	Rel-6	A	815	1	CR	Revised from 1271	AGREE
N1-031313	Liason statement on Trace	Gabor/Nokia								LS OUT	Reply to 1008 and 1265. To: SA5, Cc: CN4	AGREE
N1-031314	Adding P-Asserted-Identity headers to NE initiated subscriptions	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	470	1	CR	Revised from 1107	AGREE
N1-031315	LS on P-TMSI signature validation in R99	Hannu/Nokia								LS OUT	Reply to 1188. To: SA2, Cc: CN4	REVISD TO 1334
N1-031316	Shifting TR 24.841 1.0.0 to TS ab.cde 0.0.2	Nokia	24.841	PRESNC	1.0.0	Rel-6				CR	Revised from 1151	AGREE
N1-031317	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	3.16.0	R99	F	804	2	CR	Revised from 1065 and 1221	AGREE
N1-031318	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	4.11.0	Rel-4	A	805	2	CR	Revised from 1066 and 1222	AGREE
N1-031319	Clarification of BC negotiation for multimedia calls	Siemens	24.008	Multimedia	5.8.0	Rel-5	A	806	2	CR	Revised from 10673and 1223	AGREE
N1-	Clarification of BC negotiation for	Siemens	24.008	Multim	6.1.0	Rel-6	A	807	2	CR	Revised from 1068	AGREE

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
031320	multimedia calls			edia							and 1224	
N1-031321	Signaling connection release after GMM procedure	Siemens	24.008	TEI6	6.1.0	Rel-6	F	799	1	CR	Revised from 1057	AGREE
N1-031322	29.847 IMS Conferencing CR: AS invites other participant (text)	Nokia	29.847	IMS2	0.2.0	Rel-6				CR	Revised from 1132 and 1295. Not presented.	AGREE
N1-031323	Latest workplan for review	MCC								WORK PLAN	Revised from 1323	AGREE
N1-031324	Proposed Presence Technical Specification	Lucent		PRESNC		Rel-6				TS	Revised from 1076	AGREE
N1-031325	Unspecified SAPI value in RANAP message for MT SMS (Iu interface only)	Orange	24.011	TEI6	5.2.0	Rel-6	F	031		CR	See 1252.	AGREE
N1-031326	Authentication at UE	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	448	3	CR	Revised from 1023, 1241 and 1249	AGREE
N1-031327	Handling of security association	Lucent Technologies / Milo Orsic	24.229	IMS-CCR	5.5.0	Rel-5	F	451	3	CR	Revised from 1026,1243 and 1273	AGREE
N1-031328	All non-REGISTER requests must be integrity protected	3	24.229	IMS-CCR	5.5.0	Rel-5	F	444	2	CR	Revised from 984 and 1236	AGREE
N1-031329	24.229 R5 CR: Alignment of IMS Compression with RFC 3486	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	483	2	CR	Revised from 1171 and 1235	REVISD TO 1335
N1-031330	Liason statement on requesting a joint CN1-SA3 meeting	Gabor/Nokia								LS OUT	To: SA3	AGREE
N1-031331	Revised IMS-CCR-E Work Item	Nokia		IMS2		Rel-6				WID	Revised from 1126, 1290 and 1307	REVISD TO 1336
N1-031332	Dispatcher signalled mute/unmute of talkers downlink and correction	Nortel	43.068	TEI6	5.2.0	Rel-6	F	014	2	CR	Revised from 1090	AGREE

TDoc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Statu
	and update of incorrect implementation of CR 03.68 A022										and 1219	
N1-031333	Access Independent IMS	Qualcomm	24.229	IMSCOOP	5.5.0	Rel-6	B	480	3	CR	Revised from 1118, 1245 and 1303	AGREE
N1-031334	LS on P-TMSI signature validation in R99	Hannu/Nokia								LS OUT	Reply to 1188. To: SA2, Cc: CN4 Revised from 1315	AGREE
N1-031335	24.229 R5 CR: Alignment of IMS Compression with RFC 3486	Nokia	24.229	IMS-CCR	5.5.0	Rel-5	F	483	3	CR	Revised from 1171,1235 and 1329	AGREE
N1-031336	Revised IMS2 Work Item	Nokia		IMS2		Rel-6				WID	Revised from 1126, 1290, 1307 and 1331	AGREE

Annex E Liaison Statements OUT (11)

Status	TDoc #	Tdoc Title	Source	Spec	WI	Type	Comments
AGREED	N1-031196	Response LS on Removal of RPLMNAcT for GSM COMPACT	Christian/ Ericsson			LS OUT	Reply to 970. To: T, T3
AGREED	N1-031199	Liason statement on Profiling of RFC3325 for IMS	Gabor/Nokia			LS OUT	Reply to 994. To: SA3, Cc: SA1, SA2.
AGREED	N1-031200	Reply LS on stage 3 level specification directions for support for subscriber certificate work item	Atle/Ericsson			LS OUT	Reply to 995. To: SA3, CN4, Cc:
AGREED	N1-031201	Reply to LS (N1-031052) on 'Effects of service 27/38 on 2G/3G Interworking and emergency call' from SA3	Robert/Siemens			LS OUT	Reply to 1052. To: SA3, T3

AGREED	N1-031220	LS on 'updated WID for emergency call enhancements for IP & PS based calls'	Atle/Ericsson			LS OUT	Reply to 963, To: SA1, SA2, T3, Revised from 1195
AGREED	N1-031286	Reply LS on IMS Session Hold and Resume stage 2 and 3 descriptions	Atle/Ericsson			LS OUT	Reply to 952. To: CN3, Cc: SA2. Revised from 1193
AGREED	N1-031287	Reply LS on alignment of maximum bit rate for HSDPA in UMTS system	Yukio/NEC			LS OUT	Reply to 959, To: RAN3, SA2, CN4, Revised from 1194.
AGREED	N1-031289	LS UE idle mode	Hannu/Nokia			LS OUT	Reply to 1260, To: RAN2, Revised from 1272
AGREED	N1-031313	Liason statement on Trace	Gabor/Nokia			LS OUT	Reply to 1008 and 1265. To: SA5, Cc: CN4
AGREED	N1-031330	Liason statement on requesting a joint CN1-SA3 meeting	Gabor/Nokia			LS OUT	To: SA3
AGREED	N1-031334	LS on P-TMSI signature validation in R99	Hannu/Nokia			LS OUT	Reply to 1188. To: SA2, Cc: CN4 Revised from 1315

Annex F Agreed Work Items

Status	Type	Spec	TDoc #	CR #	Rev	C_Version	Rel	CAT	Tdoc Title	Source	WI	Comments
AGREED	WID		N1-031299				Rel-6		MBMS WID	3	MBMS	Revised from 1177
AGREED	WID		N1-031336				Rel-6		Revised IMS2 Work Item	Nokia	IMS2	Revised from 1126, 1290, 1307 and 1331

Annex G Agreed specifications (TS or TR)

Status	Type	Spec	TDoc #	CR #	Rev	C_Version	Rel	CAT	Tdoc Title	Source	WI	Comments
AGREED	TS		N1-031305				Rel-6		Revised TS skeleton for 3GPP WLAN IW Authentication	Nokia		Revised from 1100
AGREED	TS		N1-031324				Rel-6		Proposed Presence Technical Specification	Lucent	PRESNC	Revised from 1076
AGREED	TS	24.147	N1-031280			0.0.5	Rel-6		TS 24.147 – IMS Conferencing (Skeleton Proposal)	Nokia	IMS2	Revised from 1122
AGREED	TS	24.247	N1-031281			0.0.1	Rel-6		TS 24.247 – IMS Messaging (Skeleton Proposal)	Nokia	IMS2	Revised from 1123

It was agreed that Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, information flows and protocol details" was 80% stable, and the plenary would be informed of this. However it was decided not to send this document to plenary for approval, as placing the document under formal change control would reduce the flexibility for advancing the work within CN1.

Annex H List of CRs to N1 drafts

Status	Type	Spec	TDoc #	CR #	Rev	C_Version	Rel	CAT	Tdoc Title	Source	WI	Comments
AGREED	CR	24.841	N1-030983			1.0.0	Rel-6	C	Publish expiration time refresh	3	PRESNC	
AGREED	CR	24.841	N1-031146			1.0.0	Rel-6		Update to filtering issues	Nokia	PRESNC	
AGREED	CR	24.841	N1-031253			1.0.0	Rel-6		Bibliography update	Nokia	PRESNC	Revised from 1144
AGREED	CR	24.841	N1-031254			1.0.0	Rel-6		Update to eventlist	Nokia	PRESNC	Revised from 1145
AGREED	CR	24.841	N1-031255			1.0.0	Rel-6		Update to partial notification	Nokia	PRESNC	Revised from 1147

Status	Type	Spec	TDoc #	CR #	Rev	C_Version	Rel	CAT	Tdoc Title	Source	WI	Comments
AGREED	CR	24.841	N1-031277			1.0.0	Rel-6		Update to notification issues	Nokia	PRESNC	Revised from 1150 and 1258
AGREED	CR	24.841	N1-031278			1.0.0	Rel-6		Update to presence publication issues	Nokia	PRESNC	Revised from 1148 and 1256
AGREED	CR	24.841	N1-031279			1.0.0	Rel-6		Update to presence publication flows	Nokia	PRESNC	Revised from 1149 and 1257
AGREED	CR	24.841	N1-031316			1.0.0	Rel-6		Shifting TR 24.841 1.0.0 to TS ab.cde 0.0.2	Nokia	PRESNC	Revised from 1151
AGREED	CR	29.847	N1-031131			0.2.0	Rel-6		29.847 IMS Conferencing CR: User getting invited from other participant – REFER (flow)	Nokia	IMS2	
AGREED	CR	29.847	N1-031134			0.2.0	Rel-6		29.847 IMS Conferencing CR: Three way conference (text)	Nokia	IMS2	
AGREED	CR	29.847	N1-031266			0.2.0	Rel-6		Correction of flow in 6.4.2.1	Siemens	IMS2	Revised from 1013
AGREED	CR	29.847	N1-031268			0.2.0	Rel-6		Proposal of 3GPP conferencing overview in TR29.847	NEC	IMS2	Revised from 1048
AGREED	CR	29.847	N1-031282			0.2.0	Rel-6		Use of "type" when subscribing to Conference State package	Siemens	IMS2	Revised from 1014
AGREED	CR	29.847	N1-031291			0.2.0	Rel-6		29.847 IMS Conferencing CR: User Authentication at AS (text)	Nokia	IMS2	Revised from 1127

Status	Type	Spec	TDoc #	CR #	Rev	C_Version	Rel	CAT	Tdoc Title	Source	WI	Comments
AGREED	CR	29.847	N1-031292			0.2.0	Rel-6		29.847 IMS Conferencing CR: AS procedures: User subscribes to conference event (text)	Nokia	IMS-CCR	Revised from 1128
AGREED	CR	29.847	N1-031293			0.2.0	Rel-6		29.847 IMS Conferencing CR: User invites other participant – REFER (text)	Nokia	IMS2	Revised from 1129
AGREED	CR	29.847	N1-031294			0.2.0	Rel-6		29.847 IMS Conferencing CR: User invites other participant – REFER (flow)	Nokia	IMS2	Revised from 1130
AGREED	CR	29.847	N1-031296			0.2.0	Rel-6		29.847 IMS Conferencing CR: Conference creation in other network (flow)	Nokia	IMS2	Revised from 1133
AGREED	CR	29.847	N1-031297			0.2.0	Rel-6		IMS Conferencing: User leaving a conference (flow)	Nokia	IMS2	Revised from 1137
AGREED	CR	29.847	N1-031298			0.2.0	Rel-6		29.847 IMS Conferencing CR: AS drops user from conference (flow)	Nokia	IMS2	Revised from 1138
AGREED	CR	29.847	N1-031322			0.2.0	Rel-6		29.847 IMS Conferencing CR: AS invites other participant (text)	Nokia	IMS2	Revised from 1132 and 1295. Not presented.
AGREED	OTHER	29.847	N1-031288			0.0.5	Rel-6		Shifting TR 29.847 material to proposed TS 24.147	Nokia	IMS2	Revised from 1124

Status	Type	Spec	TDoc #	CR #	Rev	C_Version	Rel	CAT	Tdoc Title	Source	WI	Comments
AGREED	CR		N1-031104						WLAN TS – UE to 3GPP AAA server protocols	Nokia		
AGREED	CR		N1-031306						WLAN TS - Scope, References and Definitions	Nokia		Revised from 1101
AGREED	CR		N1-031308						WLAN TS – General chapter	Nokia		Revised from 1102
AGREED	CR		N1-031309						WLAN TS – UE to WLAN AN protocols	Nokia		Revised from 1103
AGREED	CR		N1-031310						WLAN TS – Annexes	Nokia		Revised from 1152