3GPP TSG CN Plenary Meeting #18 **NP-020541**
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Meeting Report

TSG CN WG1# 26bis (or adhoc Rel-6)
Munchen, Germany

22 - 24 October 2002

Chairman: Hannu Hietalahti (Nokia)

Secretary: Per Johan Jorgensen (ETSI/MCC)

Host: NTT DoCoMo Euro-Labs

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Documents can be found on the 3GPP-server:

http://www.3gpp.org/ftp/tsg_cn/WG1_mm-cc-sm/TSGN1_26bis/Docs/

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1 Opening of the meeting. Calls for IPRs

The delegates were welcomed by the host and informed on the logistics as eg. coffe and lunch and that the host is providing a wireless LAN network.

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

2 Agenda and Reports

N1-022162 : CN1 chairman, Title: Agenda (Munich0210)

Discussion : This will continue as a living document in the doc Munich0210. This meeting is an adhoc with decision authority on Rel-6 issues and related Liaison rights.

No joint meetings will take place this time, since this is not a usual parallel CN meeting, but a CN1 ad hoc meeting focusing on Rel-6 issues only.

Conclusion : Agreed

3 Input Liaison Statements

N1-022110: S2-022633, To: CN1, SA5, Cc: CN4, GERAN, RAN2, RAN3, Type: LS IN, Title: LS reply on Subscriber or Equipment Trace Impacts

Discussion : Reply to N1-021850, and was forwarded from CN1#26. SA2 agrees the CN1 analysis that the trace activation does not need to be SIP based signalling. Cx interface procedure was seen as a useful option to start and stop tracing. SA5 were asked to consider the CN1 comments. The meeting agreed to deal with this issue on the SA5 incoming LS in 2184.

Conclusion: Noted

N1-022183: N4-021254, To: SA1, CN1, T3, Cc:, Type: LS IN, Title: LS on Questions from the European Numbering Forum

Discussion : CN4 asks CN1 to look at the third question on publicly managed identifiers for GPRS and UMTS service. This question is from European Numbering forum and GSM association on any potetially foreseen shortage in the identifiers. The 3GPP TS 11.11 points to the unique ID of SIM which is 10 digits except for those operators which are already issuing SIMs with 20 digit IDs. But additionally to this the second question on data-only always-on terminal and emergency calls is related with the CN1 WI for Rel-6, 'PS based emergency calls'. That emergency WID was written for Rel-5 by Ericsson and needs to be updated to cover the situation as of today. The third question will be brought up in next CN1 meeting.

Conclusion: Forwarded to CN1#27 for the third question, noted for the second question.

N1-022184 : S5-028425 (SWGD), To: SA2, CN1, Cc: CN4, GERAN, RAN2, RAN3, Type: LS IN, Title: Reply LS on Subscriber and Equipment Trace Impacts

Discussion : Reply to N1-021850. SA5 now comes with reasoning for their requirement to have tracing activation/deactivation with SIP signalling. CN1 is asked to reconsider the earlier assumption not to provide this. The P-CSCF was not thought to be able to trace and provide the information asked for, eg capacity improvement or RF coverage. If IPsec fails the SIP stack will not detect this, and when successfull the register method would be sent. The identified error as wrong URI in REGISTER was argued as a case needed to be traced. A proposal was to await the answer to this LS until the SA5 TS is available, which however was opposed. This is a Rel-6 WI (Trace management) by SA5. When SA5 has the requirements clear on what tracing (or which trace points) are needed, it could be a possibility for CN1 to decide where and how the protocol should solve those applicable to CN1. Anyway the minimum IETF interaction to define such a SIP protocol mechanism is definition and standardization of event(s) package(s). Doing this for the routing failure in P-CSCF would require such a package, and similarly for any other future detected errors. If an IETF based solution is chosen then it excludes tracing of GPRS related events like QoS authorisation problems. Privacy aspect for such a SIP mechanism was thought as a major obstacle to get the issue accepted in IETF, but this view was not agreed.

Conclusion: LS out in 2201 by Gabor

4 Work Plan for TSGN WG1

Void

5 Maintenance of Rel-4 and older releases

Void

6 Joint session with other working groups

None for this meeting.

7 Release 5

Void

8 Release 6 work items

8.1 Presence

N1-022163 : TR24.841v020, Dynamicsoft, Type: CR, Title: Modification to flow 6.4

Discussion : This contribution updates flow "6.4 Presence user agent subscribing to watcher list and receiving notification of a new watcher subscription" as discussed at CN1#26 to include the scenario of a new watcher subscribing to the presentity and being authorised as per the corresponding flow in TS 23.141.

If this CR is agreed the terminology needs to be aligned with an editorial CR if also agreed. Some editorials were agreed to be corrected, as eg. avoid the mixture of English and American spelling ('z' vs. 's'). Can PUA be replaced by UE or a sort of linking to UE in flows 12, 19 and 33, and then consistently use that agreed terminology. The title of flow 29 is different in diagram and text.

Conclusion : Revised to 2203

N1-022203 : TR24.841v020, Dynamicsoft, Type: CR, Title: Modification to flow 6.4

Discussion : Sort out the values of expire timers,- probably for the next meeting? The figure problems will be handled by the rapporteur.

Conclusion : Revised to 2217

N1-022217 : TR24.841v020, Dynamicsoft, Type: CR, Title: Modification to flow 6.4

Discussion :

Conclusion : Agreed

N1-022168 : TR24.841v020, NEC, Type: DISCUSSION, Title: Presence Server handling in S-CSCF

Discussion : Alternative solutions when S-CSCF#1 receives SUBSCRIBE from UE as Watcher for how S-CSCF#1 evaluates the intial filter criteria.

To have the filters defined and working as intended or as described was not seen needed to be specified, therefore not requiring any changes to 23.218. Describing a detailed procedure for every service introduced was not intended by the originator, rather a generic way. If this change requires a hardcoding on filter behavior to S-CSCF it is contrary to earlier assumptions that downloading from HSS is done during registration. However any need for triggering identified due to presence and which is not yet covered could become an issue at that time. This document should have been splitted in two. One additional CR type to the requested discussion paper. Or request the document as only CR type.

Conclusion : Rejected

N1-022169 : TR24.841v020, NEC, Type: DISCUSSION, Title: Presence List Server handling in S-CSCF

Discussion : It was difficult to see the reason for this CR, since the filter triggers and priority as now defined do not seem to waste resources. This scenario can also be covered by setting the filter criteria. The event package would in this SUBSCRIBE point to PLS. No normative specification text could be made based on the CR. This level of details to contact PLS does not need to be specified in the S-CSCF.

Conclusion : Rejected

N1-022170 : TR24.841v020, NEC, Type: DISCUSSION, Title: Presence Server handling for LCS

Discussion : This contribution proposes the S-CSCF procedure for LCS related privacy check when IMS watcher subscribing to presence list, UE in visited network.

SA2 has to make statement in this area first,- eg. if authorisation policy can recide in GMLC and how is it set up. Only Presence Network Agent can interact with GMLC from todays architecture. No direct linking exists between LCS and Presence as of today. Could some part of this CR be put in some sort of placeholder ? Similar note exists in chapter 7 and would not give much by adding such note in chapter 5 as well. Location information of presentity is confidential information, which needs a generic specification parts allowing the presentity to control the watchers subscribing to any confidential presence information.

Conclusion : Revised to 2204

N1-022204 : TR24.841v020, NEC, Type: CR, Title: Presence Server handling for LCS

Discussion : Is chapter 5.2 intended to be used for every service or is this LCS the only tuple needed to be described. The title was at least agreed to be made generic. HSS should not be used since it has no stage 1 and stage 2 description yet. GMLC is not needed out of technical reason. The only information that can be fetched is the location. When there is not closer to the solution yet, it is not necessary to only reference SA2 and SA1 documents, but await their avancement before stating anything in 5.2.

Conclusion : Rejected

N1-022171 : TR24.841v020, NEC, Type: DISCUSSION, Title: Charging correlation principles for Presence service

Discussion : This contribution discusses the charging correlation procedure for presence service.

Some indication of where the existing and whatever new content of 24.841 clause 4 is to end up needs to be given in an editors note (24.228 and/or 24.229). This CR is proposed as 4.5 in 24.229. Additionally it needs to be identified what is above the text already available for an AS regarding charging facilities. If so it should not be restricted to presence as only one service for an AS. This CR should await a possible additional charging requirement for Presence from SA5.

Conclusion : Rejected

N1-022172 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.2.1

Discussion : It is proposed to modify subclause 6.1.2.1 to adopt the following changes:
- Fix the angle brackets in Route header in flows15 and flow 17.
- Missing Route header in SUBSCRIBE requests.
- Missing Contact headers in 200 (OK) responses for SUBSCRIBE requests and in NOTIFY requests.

Tdoc number and agenda item are missing from the cover page in N1-022172 – 2181. The examples and other IETF documents seems to be wrong regarding the contact header in NOTIFY. It seems that contact header in NOTIFY is

mandatory according to RFC 3261. Shall this be addressed to the respective IETF author or described as in this CR? Both views had support. The route in flow 4 is an exceptional case and needs to be removed.

Conclusion : Revised to 2205

N1-022205 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.2.1

Discussion :

Conclusion : Agreed

N1-022173 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.3.1

Discussion : It is proposed to modify subclause 6.1.3.1 to adopt the following changes:
- The Request-URI and To header header value in the SUBSCRIBE request should contain the PLS URI, sip:pls.home1.net.
- As a consequence of the above change, the From header value in the NOTIFY request contains the PLS URI as well.
- Missing tag in the 200 (OK) response
- Missing "sip:" string in the explanatory text.
- Addition of missing Contact headers in 200 (OK) respones for SUBSCRIBE request and in NOTIFY requests.
- Addition of missing Content-Type headers.

How does the PLS URI get created in the UE ? Through operator configuration in the UE ? The original text for URI in SUBSCRIBE is agreed as correct, and N1-022198 is related to this. The text marked in green in flow 10 was discussed, resulting in that a NOTIFY should be sent out before flow 9 also,- while NOTIFY in flow 10 carries the content.

Conclusion : Revised to 2206

N1-022206 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.3.1

Discussion : Make the expiry timer in the first NOTIFY to 7200.

Conclusion : Revised to 2218

N1-022218 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.3.1

Discussion :

Conclusion : Agreed

N1-022174 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.4.1

Discussion : This document proposes some editorial corrections to the flows in subclause 6.1.4.1 in 24.841. The flows show the presence list server initiating a request on behalf of the user. The From header value is populated with the identity of the user instead of the presence list server itself. The From header value could be anything, it is mostly irrelevant for the SIP processing, but it contain helpful information when debugging and tracing. It is therefore proposed to modify the From header value to include the presence list server URI. Note that the P-Asserted-Identity is not modified. The P-Asserted-Identity still contains the user's SIP URI.

Same as in 2172 to add Route header to SUBSCRIBE. And the From header should be on behalf of the user and not the server was argued. The CR argues that the identity sending the request should be in the From header in this example,- the one you trust. The old text was agreed to be correct.

Conclusion : Revised to 2207

N1-022207 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.4.1

Discussion :

Conclusion : Agreed

N1-022175 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.1.4.2

Discussion : It is proposed to modify subclause 6.1.4.2 to adopt the following changes:
- The title of the subclause is wrongly numbered as 6.1.4.2. It should be 6.1.3.2
- Addition of a few "sip:" to SIP URIs.
- Addition of missing angle brackets "<", ">" to the SIP URIs in the flow 6.1.3.2-17

- Addition of the tag parameter to the To header in the 200 (OK) response for SUBSCRIBE
- Addition of Contact headers to 200 (OK) responses to SUBSCRIBE requests and to NOTIFY requests.
- Addition of missed Content-Type header.

Conclusion : Agreed

N1-022176 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.2.2.1

Discussion : It is proposed to modify subclause 6.2.2.1 to adopt the following changes:
- Addition of missing Contact header in PUBLISH requests.
- Addition of missing Content-Type
- The Content-Length in the 200 (OK) response should be set to 0.

PUBLISH does not establish a dialog, and so the CR needs to leave the contact header out.

Conclusion : Revised to 2208

N1-022208 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.2.2.1

Discussion :

Conclusion : Agreed

N1-022177 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.2.3.1

Discussion : It is proposed to modify subclause 6.2.3.1 to adopt the following changes:
- The From and P-Asserted-Identity header values in the SUBSCRIBE request contains the PNA URI, sip:pna.home1.net.
- Addition of a Contact header in the PUBLISH request.
- Addition of missing Content-Type.
- The Content-Length value in the 200 (OK) response is 0.

PUBLISH does not establish a dialog, and so the CR needs to leave the contact header out. How do we identify a PNA? Replace pna with pna1 to show that it can be multiple PNA's.

Conclusion : Revised to 2209

N1-022209 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.2.3.1

Discussion :

Conclusion : Agreed

N1-022178 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.3.2.1

Discussion : Addition of missing Contact header in NOTIFY requests. If an RFC comes out later and changes this, this part may be reversed at that time.

Conclusion : Agreed

N1-022179 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.3.3.1

Discussion : It is proposed to modify subclause 6.3.3.1 to adopt the following changes:
- The From header value in the NOTIFY request 1 (from PS to PLS) should contain the PS URI, sip:ps.home2.net.
- Addition of missing Contact headers
- Addition of missing Content-Type headers

Same discussion as earlier on From header.

Conclusion : Revised to 2210

N1-022210 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.3.3.1

Discussion :

Conclusion : Agreed

N1-022180 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.4

Discussion : It is proposed to modify subclause 6.4 to adopt the following changes:
- Missing "sip:" string in the explanatory text.
- Missing Route headers in various SUBSCRIBE requests.
- Missing Contact header in 200 (OK) responses for SUBSCRIBE requests and NOTIFY requests.
- The From header value in the NOTIFY request 9 (from PS to UE) should contain the PS URI, sip:ps.home1.net
- Missing Content-Type headers in NOTIFY requests.

Only revert back on the contact header in SUBSCRIBE, and also revert back the From header.

Conclusion : Revised to 2211

N1-022211 : TR24.841v020, Ericsson, Type: CR, Title: Minor editorial corrections to 24.841 subclause 6.4

Discussion :

Conclusion : Agreed

N1-022181 : TR24.841v020, Ericsson, Type: CR, Title: Authorization of watchers and presentities

Discussion : This document proposes the addition of a new subclause 7.2.2.1.1 to the Application Server procedures in TR 24.841. The new subclause details the procedures related to the authentication of watchers and presentities.

The Presence server is always part of the trusted domain. What is the authentication for Rel-6 for external networks ? Instead of rejecting the subscription the watcher could be set as pending state in the case when P-asserted Id is present. Should an agreed revision of this CR be included in a LS to SA3 to contra check the CN1 view. Especially for authorisation of external entities CN1 should await SA3 guidance. B) 2) must modify ‘shall’ due to challenging is not always possible due to lack of keys. Most delegates wanted to keep the B)2) text with an editors note saying that it is for SA3 decision before becoming stable.

Conclusion : Revised to 2212 and LS out in 2213 by Miguel

N1-022212 : TR24.841v020, Ericsson, Type: CR, Title: Authorization of watchers and presentities

Discussion : The contribution is rewritten with respect to anonymous access. Authentication in 3GPP was thought describing using challenge, but has a different meaning in IETF which should be either referenced or written in full in the second paragraph of 7.2.2.1.1. The presentity and watcher could be in different networks outside the trusted domain, in which case the P-Asserted-Identity header is removed and authentication may be needed or not ? What about anonymous access from IMS user related to privacy handling for the prentity and the presence server (the P-CSCF adds P-Asserted-Identity),- is it possible and required (SA3) ? The terminating entity could remove the identity ?

Conclusion : Revised to 2219

N1-022219 : TR24.841v020, Ericsson, Type: CR, Title: Authorization of watchers and presentities

Discussion : Reference to RFC 2778 to have terminology clarified. Privacy considered. Asking PS to be able to authorize watcher on the fly was inserted on request, but was questioned regarding ‘flooding’ the network with messages and on possible attacks. How to procede with the references when transferred to 24.229,- take away RFC2278 and do replacing. Other editorials were to be corrected as well.

Conclusion : Revised to 2225

N1-022225 : TR24.841v020, Ericsson, Type: CR, Title: Authorization of watchers and presentities

Discussion :

Conclusion : Agreed

N1-022185 : TR24.841v020, Nokia, Type: CR, Title: CR to 3GPP TR 24.841 V0.2.0: Update on bibliography

Discussion : Reference style not formally correct,- but acceptable only in the bibliography of a TR not to become a TS.

Conclusion : Agreed

N1-022186 : TR24.841v020, Nokia, Type: CR, Title: CR to 3GPP TR 24.841 V0.2.0: Additions on chapter 7.2.1

Discussion :

Conclusion : Not available

N1-022187 : TR24.841v020, Nokia, Type: CR, Title: CR to 3GPP TR 24.841 V0.2.0: Additions on chapter 7.2.2

Discussion :

Conclusion : Not available

N1-022188 : TR24.841v020, Nokia, Type: INFORMATION, Title: INFO: 3GPP Presence requirements I-D

Discussion : Hopefully all comments from conferences etc. is included.

Conclusion : Noted

N1-022193 : TR24.841v020, Lucent T., Type: CR, Title: CR to 24.841: Minor technical and editorial tidyup

Discussion :

Conclusion : Agreed

N1-022194 : Lucent T., Type: INFORMATION, Title: Summary of current IETF documents on SIMPLE

Discussion : This contribution summarises the current documentation within IETF that deal with SIMPLE working group. This group is using SIP for instant messaging.

It is proposed to go through this document to identify what is the 3GPP dependency for the Presence service. This list could then be included in a revised WID for CN1#27. This would then go into the dependency list handled by CN chairman Stephen Hayes and stored on the 3GPP server. The dependecyy list for Presence will be done on Thursday this week.

Conclusion : Noted

N1-022195 : TR24.841v020, Lucent T., Type: TR, Title: Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, flows and protocol details"

Discussion : The one comment received was incorporated in this last update of the TR.

Conclusion : Noted

N1-022196 : TR24.841v020, Lucent T., Type: CR, Title: Documentation of PUBLISH method

Discussion : At the last meeting flows were introduced to 24.841 that shows the PUBLISH method. The PUBLISH method is a new method over and above release 5, and therefore needs ultimate documentation in 24.229. This contribution proposes that documentation. Note that PUBLISH is at an early stage of documentation in the IETF process, and this material may be subject to considerable change. The current document is an individual contributor submitted document directed at the SIMPLE group, ultimately it would be expected that the method would be documented by a working group item in the SIP group.

How to express this is optional feature? If supported the tables in 24.229 shall be the way to implement it. UE conditions is also needed,- and mandatory if the UE is publishing data. The usage of the terms AS and PS should be clarified (not just in this contribution but in all CN1 papers). Should the unstable header parts be left out for the time being ? Blank information is preferred for the headers in question.

Conclusion : Revised to 2214

N1-022214 : TR24.841v020, Lucent T., Type: CR, Title: Documentation of PUBLISH method

Discussion : Revision to the logical bracket description of conditions.

Conclusion : Revised to 2223

N1-022223 : TR24.841v020, Lucent T., Type: CR, Title: Documentation of PUBLISH method

Discussion :

Conclusion : Agreed

N1-022199 : TR24.841v020, Nokia, Type: CR, Title: AS routing

Discussion : An update for "Furthermore the AS shall insert a Route header pointing to the S-CSCF of the ~~UE~~ subscriber or the service URI on whose behalf the request is generated" is requested for TR24.841, and similarly for 24.229v520 to create a Rel-6 version. The new term 'service URI' has no defined reference.

Conclusion : Postponed

N1-022200 : TR24.841v020, Nokia, Type: CR, Title: CR to 3GPP TR 24.841 V0.2.0: Additions on chapter 7.3

Discussion : This contribution defines the necessary extensions for the CPIM draft in order to fulfil the requirements on the 3GPP presence attributes and values in the SA2 specification.

The issues raised here was reported by a delegate to be controversial in SA2. Mainly more time were requested to decide on how the stage3 best fulfils the SA2 guidance. Different format and coding mechanism to be used ? The descriptive text should not use 'shall'. What about subscriber status mapping since SA2 has it included ?

Conclusion : Postponed

N1-022221 : Lucent T., Type: DISCUSSION, Title: Dependencies of Presence WI on IETF deliverables

Discussion : This contribution seeks to identify dependencies within CN1 deliverables for the Presence WI on the IETF. It also seeks to assess how such deliverables will be documented. Primarily these are deliverables from the SIMPLE working group, but others have also been taken where appropriate. Documents that have completed the IETF process are not included.

Conclusion : Noted

N1-022222 : Lucent T., Type: WID, Title: Revisions to WID: Support of the Presence Service in Core Network Signalling Protocols

Discussion : The TR number is included and the dependencies to IETF drafts. The new IETF dependencies should be added to the 3GPP Rel-6 dependency list. Is the proposal the complete story ?

Conclusion : Agreed

8.2 MBMS (Multimedia Broadcast Multicast Services)

No documents provided.

8.3 IMS Stage 3 enhancements

N1-022164 : TR24.8abv000, Dynamicsoft, Type: TR, Title: TR for IMS Messaging and other IMS enhancements

Discussion : There is no TR defined for access independence stuff. How to document IMS enhancements phase 2 was not clear. And it was noted that SA1 last week mentioned that CN1 was pushing IMS messaging, as going too fast considering the SA1 unstable situation in this area. But according to SA2 guidance some study in the area was considered appropriate for CN1. Instead of creating this TR as a placeholder, it could be done by 'rolling' CRs on hold between the meetings, ie. not making Rel-6 TSs yet/for a while. A relatively small CR package for IMS stage3 enhancements WI to the March plenary was a way forward. IMS messaging was thought good to progress/discuss early since IETF involvement is needed. Presence seems to be the triggering of time to release IMS Rel-6 TSs for CN1. Agreement that the TR proposed in this contribution is not needed. Introduction of new flows into 24.228 should only be done if putting forward new requirements to SIP,- eg when someone is leaving the chat room.

Conclusion : Noted

N1-022165 : TR24.8abv000, Dynamicsoft, Type: CR, Title: Immediate Messaging Flow (numero uno J)

Discussion : Not presented.

Conclusion : Revised to 2202

N1-022202 : 24.xxx, Dynamicsoft, Type: CR, Title: Immediate Messaging Flow (numero uno J)

Discussion : Since no TR is to be made for this, the CR will be on hold if agreed and made towards 24.xxx with or without CR#? Without. This contribution adds the basic Immediate Messaging flow between two UEs in different Networks.

Why is this not requested for Rel-5 but only for Rel-6. Rel-5 is only handling the capability, but now a service is introduced for Rel-6. But optional for the UE in Rel-5 still means it is possible. It was regarded by most companies as sufficient to make Rel-5 CR only. Many other comments were also made and a replcin of this doc towards 24.228v520 could be looked at but needs to be sent to CN1#27 for possible agreement.

Conclusion : Replaced by 2215

N1-022215 : 24.228v520, Dynamicsoft, Type: CR, Title: Immediate Messaging Flow (numero uno J)

Discussion : To be forwarded with a new tdocnumber and a CRnumber to CN1#27. The review in CN1#26bis was not done as the document was not available.

Conclusion : Withdrawn

N1-022166 : Dynamicsoft, Type: WID, Title: Revision of IMS Stage-3 Enhancements WID

Discussion : See the 2164 discussion.

Conclusion : Withdrawn

N1-022189 : TR24.841v020, Nokia, Type: INFORMATION, Title: INFO: 3GPP IMS Messaging requirements I-D

Discussion : This document includes the -00 version of the 3GPP Messaging requirements Internet Draft. No comments were made in the meeting. This document could be reviewed outside meeting time before submission to IETF, but not by CN1#26bis.

Conclusion : Noted

N1-022190 : Lucent T., Type: INFORMATION, Title: Summary of current IETF documents on SIPPING

Discussion :

Conclusion : Noted

N1-022191 : Lucent T., Type: INFORMATION, Title: Summary of current IETF documents on SIP

Discussion :

Conclusion : Noted

N1-022192 : Lucent T., Type: INFORMATION, Title: Summary of current IETF documents on MMUSIC

Discussion : Seperation of media flows were still to be considered a Rel-5 issue. SDPnew has not made any progress the last three months.

Conclusion : Noted

N1-022198 : Nokia, Type: DISCUSSION, Title: Dynamic URI creation and routing in IMS

Discussion : With the introduction of Presence, Messaging, Chat, etc. services, the need arises to create service specific URIs which identify e.g. a presence list or a messaging list, and to be able to route messages to and from these service specific URIs. The service specific URIs can be created:
- At the time when the subscription of a user (the owner of the service URI) is created., or with modification of the subscription (static creation)
- Dynamically, when the user wishes or when the need arises.

This issue will be brought to CN1#27 and should also be brought to SA2 attention since it has architectural impacts. To this meeting it was intended for possible identification of problems on eg. Routing implications that could be clarified in those upcoming discussions, especially in SA2.

Conclusion : Noted

8.4 IMS interoperability

N1-022182 : Vodafone, Type: DISCUSSION, Title: Discussion paper for 3GPP SIP to SIP Interworking

Discussion : Postponed to be handled after 2167. Since work on that interworking TR has progressed, the issues raised in this discussion paper has been addressed there, and it was proposed just to note this document.

Conclusion : Noted

N1-022197 : Lucent T., Type: TS, Title: Draft outline TS for access independence to IM CN subsystem

Discussion : At the last meeting, we agreed that clause 9 of 24.229 would be moved to a new specification for release 6, in order to allow 24.229 to become independent of any access technology. This document provides an outline of such a TS. Note that the contents of clause 9 have not been included, in order to allow the release 5 version to continue to evolve. There will also be a number of changes required to 24.229 as a result of the removal of clause 9, but these are not dealt with in this contribution.

To take out chapter 9 alone to collect the GPRS related IMS issues into this proposed TR, seems by far sufficient since many parts in 24.229 has GPRS access dependency sticked in very many places. To avoid unnecessary maintenance work the contents of 24.229 clause 9 has not yet been copied into the document. The discussion in SA2 on this access independence was by some understood to be the first decision point on how to document access dependant stuff,- thus it was no consensus agreement to introduce a new TS. Security and charging was raised in SA2 as a problem area for seperation. Resources to split the specification now was not readily available by several, and a problem was identified for agreeing CRs to other WIs if not clear architecture and connection to the new TS(s) was more clear.

Conclusion : Postponed

8.5 Other Rel-6 issues

N1-022167 : Siemens/Drafting group, Type: TR, Title: Draft TR between 3GPP SIP profile and external SIP usage

Discussion : This is the output TR of a drafting group the Monday before this CN1 meeting, and a version with additional corrections by the editor following directives from the drafting group are presented by Dr. Tomas Belling. CN1 is asked to endorse this TR owned by CN3. In particular, CN1 should verify that the considered scenarios are valid.

In the scope the security interworking must state wether this topic shall be included or not in this TR. Only hop by hop security would have possible interworking consideration. SMIME is only one issue. If this TR is endorced by CN1 it was foreseen problems with loss of CN1 control for future flows or changes. Shared responsibility ? Or is the joint CN WG meetings sufficient, which requires some agenda coordination ? Yes, but resistently from some. When changes is made in CN1 on a flow or CN3 changes the TR it should be informed to the other group at least informally. It was proposed to transfer the TR responsibility from CN3 to CN1, but this would require accordingly a WID change approved in the CN plenary. Contradicted with this being an interworking issue.
One earlier comment from Miguel on shown identities was omitted and will be available in the next TR revision.

The identified sceanarios are seen as real life issues needed to be solved. The solutions were not considered in detail and more than CN1 needs to have a saying in which solution to select, eg. SA2 and SA5.

The discussion on the future maintenance of the TR with two alternatives seen could not reach a decision, even in CN1 area: 1) keep the TR in CN3 ownership but allow CN1 to participate in making decisions on all call flows related changes in CN1 area, or 2) move the ownership of the TR to CN1, which would need the approval of CN3 also.

At least because of annex D (3GPP UE to 3GPP UE reference call flow), CN1 needs to inform CN3 if any working assumptions or requirements impacting the TR is changed. Related LS to CN3 is in N1-022224.

Conclusion : Noted and LS out in 2224 by T.Belling

9 LS OUT (output liaison statements)

N1-022201 : Gabor, Type: LS OUT, **To:** SA5, **Cc:** SA2, CN4, GERAN, RAN2, RAN3, Title: Liaison Statement on Subscriber and Equipment Trace Impacts

Discussion : Reply to 2184. SA5 is not to make decision on the protocol, but the architecture and requirements in detail on tracepoints. The timing issue related to IETF needs rewording, also that IETF needs the arguments to make the specification for 3GPP since some expects this discussion to be controversial in IETF. Insert some words on IPsec issues that is not traceable. Maybe GERAN and RAN does not need to be in the loop on this issue any longer.

Conclusion : Revised to 2216

N1-022216 : Gabor, Type: LS OUT, **To:** SA5, **Cc:** SA2, CN4, Title: Liaison Statement on Subscriber and Equipment Trace Impacts

Discussion :

Conclusion : Agreed

N1-022213 : Miguel, Type: LS OUT, **To:** SA2, SA3, **Cc:** Title: LS on authentication of watchers

Discussion : Linked to 2212. The issue to authenticate non-IMS watchers subscription attempts could be questioned to be a generic case.

Conclusion : Revised to 2220

N1-022220 : Miguel, Type: LS OUT, **To:** SA2, SA3, **Cc:** Title: LS on verification of the identity of watchers

Discussion : Some editorials to correct.

Conclusion : Revised to 2226

N1-022226 : Miguel, Type: LS OUT, **To:** SA2, SA3, **Cc:** Title: LS on verification of the identity of watchers

Discussion :

Conclusion : Agreed

N1-022224 : T. Belling, Type: LS OUT, **To:** CN3, **Cc:** Title: Response LS on Review of TR on 3GPP SIP Profile interworking

Discussion : Some editorials were needed. CN1 want to get involved in future and some words on this is needed. The TR should not be attached. It was not reviewed by the complete meeting but mainly by a drafting group before CN1#26bis. The word to be 'involved' became 'closely informed'.

Conclusion : Revised to 2227

N1-022227 : T. Belling, Type: LS OUT, **To:** CN3, **Cc:** Title: Response LS on Review of TR on 3GPP SIP Profile interworking

Discussion :

Conclusion : Agreed

10 Late and misplaced documents

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

11 Any Other Business (AOB)

None provided.

12 Closing of the meeting

16:00 Friday 24.10.2002

Review of dates and hosts for future meetings

Meeting schedule for CN1 in 2002 and 2003

3GPP Meeting	Date	Place	Host
N1-SIP-adhoc0102	14-18 January 2002	Phoenix, USA	ATTWS
N1#22	28 January-1 February 2002	Sophia Antipolis, France	ETSI
N1#22bis	19-21 February 2002	Oulu, Finland	Elisa Communications, Finnet, Nokia, Sonera, Viestintävirasto
TSGN#15	**6-8 March 2002**	**Korea**	**TTA**
N1#23	8-12 April 2002	Fort Lauderdale, FL, USA	NA 'Friends of 3GPP'
N1-SIPadhoc0204	23-25 April 2002	Madrid, Spain	Telefonica, Ericsson
N1#24	13-17 May 2002	Budapest, Hungary	Ericsson
TSGN#16	**5-7 June 2002**	**Marco Island, FL, USA**	**Motorola**
N1#25	29.July-2.August 2002	Helsinki, Finland	Sonera
TSGN#17	**4-6 September 2002**	**France**	**Alcatel**
N1#26	23-27 September 2002	Miami, USA	NA 'Friends of 3GPP'
CN1 Rel-6 ad hoc	22 - 24 October	Munich, Germany	NTT DoCoMo
N1#27	11-15 November 2002	Bangkok, Thailand	Japanese Friends of 3GPP
TSGN#18	**4-6 December 2002**	**New Orleans, Louisiana, USA**	**NA 'Friends of 3GPP'**
N1#28	10 – 14 February 2003	Dublin, Irland	EF3 (European friends of 3GPP)
CN #19	**12 – 14 March 2003**	**Birmingham, UK**	**UK Friends of 3GPP**
N1#?	7 – 11 April 2003	**Joint CN WG meeting is cancelled. Do we need to keep the CN1 meeting or cancel that too?**	
N1#29	19 – 23 May 2003	?, USA	NA 'Friends of 3GPP'
CN #20	**4 – 6 June 2003**	**Hameenlinna, FINLAND**	**Nokia**
N1#30	18 – 22 August 2003	Sophia Antipolis, France	ETSI
CN #21	**17 – 19 September 2003**	**GERMANY**	**To be confirmed**
N1#31	27 – 31 October 2003	China???	Japanese Friends of 3GPP and Ericsson China
CN #22	**10 – 12 December 2003**	**To be confirmed**	**North American & Japanese**

			Friends of 3GPP

Annex A Joint meeting report with CNx

Please normally see section 6, but this time it was no joint meetings taking place.

Annex B List of participants

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Annex C Agreed CRs

None.

CRs for e-mail agreement

None.

Documents Endorsed by N1

None.

Annex D Tdoc list (incl. the status)

Agenda	TDoc #	Tdoc Title	Source	WI	C_Version	Rel	CAT	Spec	Type	Comments	Status
3	N1-022110	LS reply on Subscriber or Equipment Trace Impacts	SA2						LS IN	S2-022633, To: CN1, SA5, Cc: CN4, GERAN, RAN2, RAN3 Forwarded from CN1#26.	NOTED
2	N1-022162	Agenda (Munich0210)	Chairman						AGENDA		AGREED
8.1	N1-022163	Modification to flow 6.4	dynamicsoft,Andrew Allen	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2203

8.3	N1-022164	TR for IMS Messaging and other IMS enhancements	dynamicsoft Andrew Allen	IMS-CCR2	0.0.0	Rel 6		24.8ab	TR		NOTED
8.3	N1-022165	Immediate Messaging Flow (numero uno J)	dynamicsoft Andrew Allen	IMS-CCR2	0.0.0	Rel 6		24.8ab	CR		Revised to 2202
8.3	N1-022166	Revision of IMS Stage-3 Enhancements WID	dynamicsoft Andrew Allen	IMS-CCR2					WID		WITHDRAWN
8.5	N1-022167	Draft TR between 3GPP SIP profile and external SIP usage	Siemens/ Dr.Billing/ drafting group			Rel-6			TR		NOTED
8.1	N1-022168	Presence Server handling in S-CSCF	NEC/Yukio Kawanami	PRESNC	0.2.0	Rel-6		24.841	DISC	Is this a CR?	REJECTED
8.1	N1-022169	Presence List Server handling in S-CSCF	NEC/Yukio Kawanami	PRESNC	0.2.0	Rel-6		24.841	DISC	Is this a CR?	REJECTED
8.1	N1-022170	Presence Server handling for LCS	NEC/Yukio Kawanami	PRESNC	0.2.0	Rel-6		24.841	DISC	Is this a CR?	REVISED TO 2204
8.1	N1-022171	Charging correlation principles for Presence service	NEC/Yukio Kawanami	PRESNC	0.2.0	Rel-6		24.841	DISC	Is this a CR?	REJECTED
8.1	N1-022172	Minor editorial corrections to 24.841 subclause 6.1.2.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2205
8.1	N1-022173	Minor editorial corrections to 24.841 subclause 6.1.3.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2206
8.1	N1-022174	Minor editorial corrections to 24.841 subclause 6.1.4.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2207
8.1	N1-022175	Minor editorial corrections to 24.841 subclause 6.1.4.2	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		AGREED
8.1	N1-022176	Minor editorial corrections to 24.841 subclause 6.2.2.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2208
8.1	N1-022177	Minor editorial corrections to 24.841 subclause 6.2.3.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2209
8.1	N1-022178	Minor editorial corrections to 24.841 subclause 6.3.2.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		AGREED
8.1	N1-022179	Minor editorial corrections to 24.841 subclause 6.3.3.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2210
8.1	N1-022180	Minor editorial corrections to 24.841 subclause 6.4	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2211
8.1	N1-022181	Authorization of watchers and presentities	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2212
8.4	N1-022182	Discussion paper for 3GPP SIP to SIP Interworking	Vodafone/ Duncan Mills						DISC		NOTED
3	N1-022183	LS on Questions from the European Numbering Forum	CN4						LS IN	N4-021254, To: SA1, CN1, T3, Cc:	Forward to CN1#27
3	N1-022184	Reply LS on Subscriber and Equipment Trace Impacts	SA5 SWGD						LS IN	S5-028425, To: SA2, CN1, Cc: CN4, GERAN, RAN2, RAN3	LS out in 2201 by Gabor
8.1	N1-022185	CR to 3GPP TR 24.841 V0.2.0: Update on bibliography	Nokia	PRESNC	0.2.0	Rel-6		24.841	CR		AGREED
8.	N1-	CR to 3GPP TR 24.841	Nokia	PRESN	0.2.0	Rel-		24.841	CR		Not

1	022186	V0.2.0: Additions on chapter 7.2.1		C		6					available
8.1	N1-022187	CR to 3GPP TR 24.841 V0.2.0: Additions on chapter 7.2.2	Nokia	PRESNC	0.2.0	Rel-6		24.841	CR		Not available
8.1	N1-022188	INFO: 3GPP Presence requirements I-D	Nokia	PRESNC	0.2.0	Rel-6		24.841	INFO		NOTED
8.3	N1-022189	INFO: 3GPP IMS Messaging requirements I-D	Nokia	IMS-CCR2	0.2.0	Rel-6		24.841	INFO		NOTED
8.3	N1-022190	Summary of current IETF documents on SIPPING	Lucent Technologies / Keith Drage	IMS-CCR2					INFO		NOTED
8.3	N1-022191	Summary of current IETF documents on SIP	Lucent Technologies / Keith Drage	IMS-CCR2					INFO		NOTED
8.3	N1-022192	Summary of current IETF documents on MMUSIC	Lucent Technologies / Keith Drage	IMS-CCR2					INFO		NOTED
8.1	N1-022193	CR to 24.841: Minor technical and editorial tidyup	Lucent Technologies / Keith Drage	PRESNC	0.2.0	Rel-6		24.841	CR		AGREED
8.1	N1-022194	Summary of current IETF documents on SIMPLE	Lucent Technologies / Keith Drage	PRESNC					INFO		NOTED
8.1	N1-022195	Draft 3GPP TR 24.841 "Presence based on SIP; Functional models, flows and protocol details"	Lucent Technologies / Keith Drage	PRESNC	0.2.0	Rel-6		24.841	3GPP TR		NOTED
8.1	N1-022196	Documentation of PUBLISH method	Lucent Technologies / Keith Drage	PRESNC	0.2.0	Rel-6		24.841	CR		REVISED TO 2214
8.4	N1-022197	Draft outline TS for access independence to IM CN subsystem	Lucent Technologies / Keith Drage			Rel-6			TS		POSTPONED
8.3	N1-022198	Dynamic URI creation and routing in IMS	Nokia	IMS-CCR2					DISC		NOTED
8.1	N1-022199	AS routing	Nokia	PRESNC	0.2.0	Rel-6		24.841	CR		POSTPONED
8.1	N1-022200	CR to 3GPP TR 24.841 V0.2.0: Additions on chapter 7.3	Nokia	PRESNC	0.2.0	Rel-6		24.841	CR		POSTPONED
9	N1-022201	Liaison Statement on Subscriber and Equipment Trace Impacts	Gabor						LS OUT	Linked to 2184. To: SA5, Cc: SA2, CN4, GERAN, RAN2, RAN3	REVISED TO 2216
8.3	N1-022202	Immediate Messaging Flow (numero uno J)	dynamicsoft Andrew Allen	IMS-CCR2		Rel 6		24.xxx	CR	Revised from 2165	REPLACED BY 2215
8.1	N1-022203	Modification to flow 6.4	dynamicsoft,Andrew Allen	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2163	REVISED TO 2217

8.1	N1-022204	Presence Server handling for LCS	NEC/Yukio Kawanami	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2170	REJECTED
8.1	N1-022205	Minor editorial corrections to 24.841 subclause 6.1.2.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2172	AGREED
8.1	N1-022206	Minor editorial corrections to 24.841 subclause 6.1.3.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2173	REVISED TO 2218
8.1	N1-022207	Minor editorial corrections to 24.841 subclause 6.1.4.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2174	AGREED
8.1	N1-022208	Minor editorial corrections to 24.841 subclause 6.2.2.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2176	AGREED
8.1	N1-022209	Minor editorial corrections to 24.841 subclause 6.2.3.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2177	AGREED
8.1	N1-022210	Minor editorial corrections to 24.841 subclause 6.3.3.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2179	AGREED
8.1	N1-022211	Minor editorial corrections to 24.841 subclause 6.4	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2180	AGREED
8.1	N1-022212	Authorization of watchers and presentities	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2181	REVISED TO 2219
9	N1-022213	LS on authentication of watchers	Miguel						LS OUT	Linked to 2212. To: SA2, SA3	REVISED TO 2220
8.1	N1-022214	Documentation of PUBLISH method	Lucent Technologies / Keith Drage	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2196	REVISED TO 2223
8.3	N1-022215	Immediate Messaging Flow (numero uno J)	dynamicsoft Andrew Allen	IMS-CCR2	5.2.0	Rel-5		24.228	CR	Revised from 2165 and 2202. Not available.	WITHDRAWN
9	N1-022216	Liaison Statement on Subscriber and Equipment Trace Impacts	Gabor			Rel-6			LS OUT	Linked to 2184. To: SA5, Cc: SA2, CN4 Revised from 2201	AGREED
8.1	N1-022217	Modification to flow 6.4	dynamicsoft,Andrew Allen	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2163 and 2203	AGREED
8.1	N1-022218	Minor editorial corrections to 24.841 subclause 6.1.3.1	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2173 and 2206	AGREED
8.1	N1-022219	Authorization of watchers and presentities	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2181 and 2212	REVISED TO 2225
9	N1-022220	LS on verification of the identity of watchers	Miguel			Rel-6			LS OUT	Linked to 2212. To: SA2, SA3 Revised from 2213	REVISED TO 2226
8.1	N1-022221	Dependencies of Presence WI on IETF deliverables	Lucent Technologies / Keith	PRESNC		Rel-6			DISCUSSION		NOTED
8.1	N1-022222	Revisions to WID: Support of the Presence Service in Core Network Signalling Protocols	Lucent Technologies / Keith	PRESNC		Rel-6			WID		AGREED
8.1	N1-022223	Documentation of PUBLISH method	Lucent Technologies / Keith Drage	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2196 and 2214	AGREED
9	N1-022224	Response LS on Review of TR on 3GPP SIP Profile interworking	Dr.Tomas Belling						LS OUT	Related to 2167. To: CN3	REVISED TO 2227
8.1	N1-022225	Authorization of watchers and presentities	Ericsson/ M. Garcia	PRESNC	0.2.0	Rel-6		24.841	CR	Revised from 2181, 2212 and	AGREED

										2219	
9	N1-022226	LS on verification of the identity of watchers	Miguel			Rel-6			LS OUT	Linked to 2212. To: SA2, SA3 Revised from 2213 and 2220	AGREED
9	N1-022227	Response LS on Review of TR on 3GPP SIP Profile interworking	Dr.Tomas Belling						LS OUT	Related to 2167. To: CN3 Revised from 2224.	AGREED

Annex E Liaison Statements OUT

Meeting	TDoc #	Status	Source	Tdoc Title	Type	Comments
N1-26bis	N1-022216	AGREED	Gabor	Liaison Statement on Subscriber and Equipment Trace Impacts	LS OUT	Linked to 2184. To: SA5, Cc: SA2, CN4 Revised from 2201
N1-26bis	N1-022226	AGREED	Miguel	LS on verification of the identity of watchers	LS OUT	Linked to 2212. To: SA2, SA3 Revised from 2213 and 2220
N1-26bis	N1-022227	AGREED	Dr.Tomas Belling	Response LS on Review of TR on 3GPP SIP Profile interworking	LS OUT	Related to 2167. To: CN3 Revised from 2224.

Annex F Ageed Work Items

Meetin	Status	TDoc #	Source	Tdoc Title	Type	WI
N1-26bis	AGREED	N1-022222	Lucent Technologies / Keith	Revisions to WID: Support of the Presence Service in Core Network Signalling Protocols	WID	PRESNC

Annex G Agreed specifications (TS or TR)

None.

Annex H List of CRs to N1 drafts

TDoc #	Spec	CR #	Rev	CAT	Rel	C_Version	Tdoc Title	Type	WI	Status
N1-022175	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.1.4.2	CR	PRESNC	AGREED
N1-022178	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.3.2.1	CR	PRESNC	AGREED
N1-022185	24.841				Rel-6	0.2.0	CR to 3GPP TR 24.841 V0.2.0: Update on bibliography	CR	PRESNC	AGREED
N1-022193	24.841				Rel-6	0.2.0	CR to 24.841: Minor technical and editorial tidyup	CR	PRESNC	AGREED
N1-022205	24.841				Rel-6	0.2.0	Minor editorial corrections to	CR	PRES	AGREED

							24.841 subclause 6.1.2.1		NC	
N1-022207	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.1.4.1	CR	PRES NC	AGREED
N1-022208	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.2.2.1	CR	PRES NC	AGREED
N1-022209	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.2.3.1	CR	PRES NC	AGREED
N1-022210	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.3.3.1	CR	PRES NC	AGREED
N1-022211	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.4	CR	PRES NC	AGREED
N1-022217	24.841				Rel-6	0.2.0	Modification to flow 6.4	CR	PRES NC	AGREED
N1-022218	24.841				Rel-6	0.2.0	Minor editorial corrections to 24.841 subclause 6.1.3.1	CR	PRES NC	AGREED
N1-022223	24.841				Rel-6	0.2.0	Documentation of PUBLISH method	CR	PRES NC	AGREED
N1-022225	24.841				Rel-6	0.2.0	Authorization of watchers and presentities	CR	PRES NC	AGREED