

3GPP TSG\_CN / SMG3  
Plenary Meeting #7, Madrid, Spain  
13<sup>th</sup> – 15<sup>th</sup> March 2000.

**Tdoc NP-000032**

**Source:** CN WG2  
**Title:** Meeting Report N2A#2  
**Agenda item:** 5.2.1  
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**Report**  
**TSG CN WG2A #2**  
**Sophia Antipolis, France**  
**21<sup>st</sup> -25<sup>th</sup> of February 2000**

Chairman: Steffen Habermann (T-mobil)  
Secretary: Monica Hellman (3GPP support team)  
Host: ETSI

List of participants:	Annex A
Output documents	Annex B
Tdoc list (incl. the status)	Annex C

Documents could be found on the 3GPP-server:  
[ftp://ftp.3gpp.org/TSG\\_CN/WG2\\_camel/Subgroups/SUBGROUP\\_A/TSGN2\\_02/Docs](ftp://ftp.3gpp.org/TSG_CN/WG2_camel/Subgroups/SUBGROUP_A/TSGN2_02/Docs)

## Opening and approval of proposed agenda

**N2A000152**, source Chairman: *Agenda*

Opening of the meeting. Finalised CAMEL phase 3 business. Christian Homann proposed that the syntax checking of ASN1 should be done during this week so if we take this document in the beginning of the week we will have time to do the syntax checking this week.

**Conclusion:** Agreed

**N2A000153**, source Chairman: *Agenda allocation*

**Discussion:** document N2A00098 will be added as well. N2A000142, N2A000101 and N2A000103.

N2A000199 has been revised to N2A000226.

Rogier Noldus has two more documents on user interaction in N2A000227 and N2A000228

N2A000181 is a revision of N2A000124

N2A000223 is a revision of N2A000165

N2A000154 is a revision of N2A000224

N2A000159 is the revision of N2A000225

**Conclusion:** Agreed

## Reports from other meetings / general / liaison statements

**N2A000154**, source MCC: *N2A Meeting report from Kyoto*.

Someone that have any comments on it shall discuss it off line with Monica Hellman.

**Conclusion:** Noted

## CAMEL Phase 2

**N2A000214**, CR A153 (cat F) on 03.78, source Siemens: *Correction on gsmSSF SDL; return to idle after ACR*

Sumio Miyagawa presented the CR 03.78-A105 'Correction on gsmSSF SDL on return to idle after ACR' which was approved at SMG#29 but was not correctly implemented. This CR is the correction for the current version. The proposed category is C2, which means that it has been wrong implemented.

**Discussion:** The value to be used of the call active parameter was discussed and it was decided that the parameter shall be true. The three documents will be revised.

**Conclusion:** Revised in N2A000229

**N2A000215**, CR A154 (cat A) on 03.78, source Siemens: *Correction on gsmSSF SDL; return to idle after ACR*

The document is the mirrored CR for R98 of Tdoc N2A000214

**Conclusion:** Revised in N2A000230

**N2A000216**, CR 114 (cat A) on 23.078, source Siemens: *Correction on gsmSSF SDL; return to idle after ACR*

The document is the mirrored CR for R99 of Tdoc N2A000215

**Conclusion:** Revised in N2A000231

**N2A000229**, CR A153 rev 1 (cat F) on 03.78, source Siemens: *Correction on gsmSSF SDL; return to idle after ACR*

Revised version of N2A000214

**Conclusion:** Approved

**N2A000230**, CR A154 rev 1 (cat A) on 03.78, source Siemens: *Correction on gsmSSF SDL; return to idle after ACR*

Revised version of N2A000215

**Conclusion:** Approved

**N2A000231**, CR 114 rev 1 (cat A) on 23.078, source Siemens: *Correction on gsmSSF SDL; return to idle after ACR*

Revised version of N2A000216

**Conclusion:** Approved

**N2B000283**, CR A151 rev 1 (cat F) on 03.78, source Siemens: *Correction of CF Notification*  
This documents has been presented in the N2B meeting in Milan. They had just one comment and it was that GSM FTN is not a good term since it's a 3GPP specification.

**Discussion:** The name has been agreed in to be used in 23.018. If it will be changed in 03.78 it should also be changed in 23.018. The term will therefore be the same as it is today. The category of this release 97 CR will C1.

**Conclusion:** Approved

**N2B000284**, CR A152 rev 1 (cat A) on 03.78, source Siemens: *Correction of CF Notification*

**Conclusion:** Approved

**N2B000285**, CR 091 rev 1 (cat A) on 23.078, source Siemens: *Correction of CF Notification*

**Conclusion:** Approved

## **CAMEL Phase 3**

### **Summary of open issues**

**N2A000170**, source Nokia: *CAMEL ph 3 open technical issues #2*

Nokia has started to summarize the open issues that have to be solved for R99. Keijo Palviainen presented the document with the open issues. Some other contributions are covering the open issues in this document.

1. How the multiple dialogues are seen in the charging spec 3G TS 32.005? The following scenario is possible in theory, and each dialogue may have a different SCP address, free format data etc which are shown in CDRs;
  - GsmSSF triggers in DP2 of O-CSI. Dialogue is closed.
  - GsmSSF triggers in DP3 of D-CSI. Dialogue is closed.
  - GsmSSF triggers due to N-CSI in DP3. Dialogue is closed.
  - GsmSSG triggers in O\_No\_answer or O\_Busy.  
The charging spec propably needs an update.
2. Should the gsm/gprsSSF be allowed to send components in TC-END as in CS-2?
3. Should the pending Call Forwarding trigger also in TDP, e.g. T\_Busy. In Nokia's view it should, but how to handle triggering criteria? If an dialogue exists already, the T-BCSM notifies the SCP with an EventReportBCSM (EDP).
4. Implicit disarming of TDPs: rules are not specified. Especially, the case when InitialDP is not sent due to an existing dialogue which have been initialised in an earlier TDP.
5. The v3.3.0 23.078 SDLs do not invoke SSF if there is no dialogue already. However, the new TDPs would require invocation of a new gsmSSF. In addition, the gsmSSF should have an input for DPs in the IDLE state. The interpretation of the decision box "gsmSSF invoked?" is vague in the case when a dialogue has been opened and closed earlier.
6. User interaction in monitoring state; parallel connection of speech path or is the called party put on hold?
7. Same as previous, but is the ApplyChargingReport (ACR) generated in the end of UI?  
Note that the Call Period Tcp timer is running already before UI starts in active state of

the call. In the CAMEL phase 2 the Tcp was started in the beginning of UI (at a DP), and the ending of an UI caused always sending of an ACR.

8. Chapter 10.11 of 3G TS 22.078 requires control relationship for each released PDP context of GPRS. However, section 11.35 of 29.078 requires control relationship only. Since one CAP relationship/dialogue can control GPRS session and multiple PDP contexts, this makes a difference. I.e. if a session related DP is armed as an EDP-R, the stage 3 requirement is fulfilled, but not the stage 1 requirement.
9. North American NatureOfAddress values in new TDPs: In the possible, however unlikely, case that a non-American roamer dials an operator assisted call (0, 00, 0+10d, or 01+CC+NSN) in a North American network, the CalledPartyNumber would contain a NatureOfAddress value, that is not recognised by e.g. European SCPs. These NatureOfAddress, or TypeOfNumber values, may also conflict with national special values used in the roamer's home country. This problem does not exist in CAMEL phase 2 since the only TDP is DP2 *Collected\_Information*. In CAMEL phase 3 this can occur on RouteSelectFailure TDP, and O\_Answer EDP. The DestinationRouteingAddress is sent in the EventReportBCSM operation to the SCP. The Annex A includes some possible examples. The possible solutions;
  - We accept and document a restriction; these cases are not supported.
  - Non-American SCPs must support ANSI ISUP national values of NoA field.

**Discussion:**

1, Rogier Noldus mentioned this has impact of free format data. SA5 delegation has to be aware of this. We have sent this information to SA5 and the thing that we can do is to asked the companies to inform the SA5 delegates. The only thing not mentioned in a LS to them is the third point. We can send them an other LS highlighting the service requirements. Rogier Noldus is volunteered to draft this.

2, Today it's allowed to sent components in TC-END, if companies would like to remove it they should sent in comments as soon as possible.

3, Ericsson support this behaviour. Shouldn't that already be in place for call forwarding modification? We would like to have this functionality in CAMEL phase 3 The interested companies shall create a CR for this. Keijo Palviainen will wright a CR to it.

4, skipped (means that it is other contributions on the same topic)

5, SDL needs to be revised to coupe with this scenario. Retriggering has to be clarified. Contributions is needed! Christian Homann will take over this.

6, Later on other contributions in the same area will be presented.

7, This will be discussed later.

8, misalignment between stage 1 and stage 3. Ericsson doesn't see any problem with this. The stage 3 specification has to be updated to reflect the stage 1 requirement. An AP for Keijo Palviainen.

9, This will not be supported for non NA subscribers. This is still after a long debate an open issue. Steffen Habermann is volunteered to follow all ongoing issues and prepare a CR on it.

10, outside the scope of this document. How it will be treated in the GMSC. Steffen Habermann will take care of this issue.

11, A CR has to be prepared CAMEL phase 3.

12, Any time modification and Any time interogation. Rogier Noldus will take care of the coordinator. (how should interworking between different versions of CAMEL work)

**Conclusion:** Noted

**N2A000233**, source Chairman N2: *Work Item Status Sheet for R99 / CAMEL Phase 3*  
Addition to document A170

1. Interactions between CAMEL-based CUG services & switch-based CUG services need resolution.
2. The handling of destination adresses for dialled services needs resolution.
3. The precedence of a Release instruction between dialled service logic and subscribed service logic needs resolution.

4. The interworking between default call handling for dialled service logic and subscribed service logic needs resolution.
5. The modelling of multiple instances of the gsmSSF for subscribed and dialled services needs to be clarified.
6. A decision is needed on whether CAP should specify a leg ID in the ContinueWithArgument operation, to give forward compatibility for the introduction of Call Party Handling.
7. A decision is needed on whether to transport O-CSI trigger criteria in the Resume Call Handling operation, to allow for the use of criteria on the Route Select Failure DP in the GMSC on ORLCF.

**Discussion:**

1. Nick Russell takes care of it. Vodafone has a contribution on it.
2. This is more generic. It's an AP for Nick Russell and Christian Homann.
3. Everybody is happy except Christian Homann. Closed.
4. The problem with the default call handling is solved. No further actions.
5. Steffen Habermann will look at the figures.
6. Christian Homann will look at this issue.
7. It's an issue for N2B. N2A has done their job on it.

After the presentation of the open issues there was one that hasn't been mentioned in any document. It's about Call deflection. Steffen Habermann will take care of this AP.

**Conclusion:** Noted

**N2A000234**, source NTT DoCoMo: *Proposed addition to NP-99519 (Work Item Status Sheet for R99 / CAMEL Phase 3)*

**Discussion:** The issue will be discussed later on when the contribution from NTT will be presented.

**Conclusion:** Noted

**N2A000232**, source Ericsson: *Charging impact due to introduction of CAMEL Phase 3*

**Discussion:** The chapter of "Triggering of data in the GMSC" has to be change. More clear in the about the call configuration. Copy to SA1.

**Conclusion:** Revised in N2A000250

**N2A000250**, source Ericsson: *LS to Charging impact due to introduction of CAMEL Phase 3*  
Revision of N2A000232

**Conclusion:** Agreed

### **Stage 2 & Stage 3**

**N2A000158**, CR 035 rev 2 (cat F) on 23.078, source Vodafone Airtouch: *Correction of Translation Information Flag in the VLR for DTN*

Revision 2 includes:

- The two paragraphs in 4.3.6.2.1 on DTN, incorrectly refer to call forwarding instead of call deflection.
- Grammar correction in section 4.7.2.2.
- An additional clause, 4.7.2.3, has been added to explain invocation of Call Deflection.

**Discussion:** N-CSI has to be added to 4.7.2.2 and in 4.7.2.3.

Replace the second paragraph. The last sentence could be kept.

**Conclusion:** The document will be kept open until it's clarified the call deflection interaction with CAMEL.

**N2A000159**, CR 040 rev 2 (cat C) on 23.078, source Vodafone Airtouch: *Correction of SS Invocation Notification for CCBS*

**Conclusion:** Revised in N2A000225

**N2A000161**, CR 056 rev 1 (cat F) on 23.078, source Nokia: *GPRS TCAP dialogues*

Instead of one very long TC dialog, it will be several short . It was discussed in the last meeting.

**Discussion:** Lucent raised the comment that to see what's the manufactures view on it before going into details of the contribution. Therefore the chairman asked the present manufactures about the opinion of the contribution.

Nokia: Would like to have just one solution.

Siemens: One solution - in the future this concept could be better. They therefore support it for R99.

Lucent: See this as a complex solution. They therefore support an optional solution. They are not in favor to have it in R99.

Ericsson: Support the view of TCAP segmentation and would like to have it in R99. This have to be done in the future to avoid to many TC dialogues at the same time.

Alcatel Support the solution of short TC dialogues. They would like to have just one option.

Since it was just one present manufacture that was not in favor of this, the meeting decided to continue with the work in this direction.

The document will be revised in Tdocc N2A000236 included the comments.

**Conclusion:** Revised in N2A000236

**N2A000162**, CR 018 rev 1 (cat F) on 29.078, source Nokia: *GPRS TCAP dialogues*

The Operation Codes for the GPRS operations are added.

The missing Object Identifiers are added and some ASN.1 errors corrected.

The cancelFailed and missingParameter errors are removed from CancelGPRS operation ERRORS, because the coding or the cancelFailed ERROR covers only the User Interaction related cases and parameter can not missed in CHOICE.

**Discussion:** Removal of all request parameter was requested. It was no conclusion on it. Section should be changed.

Some part of this CR is covered in an collective CR of clause 12. The originators will come together to check if there is any conflict between this CRs.

Error codes in 5.4 is in alphabetic order in the beginning. The added error codes should be added in alphabetic order as well.

**Conclusion:** Revised in N2A000237

**N2A000137**, CR 042 (cat F) on 29.078, source Ericsson: *Correction and Editorial changes, Clauses 2-9*

The CR includes corrections that was agreed during the discussion in Kyoto on clauses2 to 9. Rogier Noldus is the editor and he therefore shortly described the changes.

**Discussion:** 4.1.3 will be moved two clause 12. Tdoc N2A000194 introduces comments after the ASN1 checking.

**Conclusion:** Will be incorporated in the combined CR N2A000238.

**N2A000194**, CR 054 (cat C) on 29.078, source Alcatel: *Syntactical error correction on ASN.1*

Christian Homann has done syntax checking of the combined CR in Tdoc N2A000137.

**Discussion:** Object identifier. Nokia was in favour to use the existing tree since no changes has been done in this case of OI.

Christian Homann asked what's the delegates Minimum / maximum. The contribution will be incorporated in the combined CR in document N2A000238.

**Conclusion:** Rejected (N2A000238)

**N2A000138**, CR 043 (cat F) on 29.078, source Nokia: *Collective CR on 29.078 chapter 10 Error procedures*

Keijo Palviainen presented the contribution since the editor is on holiday in the northern part of Finland.

**Discussion:** There are some Strange wording of the in subclause 10.2.1.2. The Editors note should not be incorporated in the CR. A note in the coversheet saying that the editors note should not be incorporated. Removal of the header.

**Conclusion:** Revised in N2A000240

**N2A000240**, CR 043 rev 1 (cat F) on 29.078, source Nokia: *Collective CR on 29.078 chapter 10 Error procedures*

Revised version of N2A000138

**Conclusion:** Approved

**N2A000139**, CR 044 (cat F) on 29.078, source Nokia: *Correction and Editorial changes, Clause 11*

**Conclusion:** Revised in N2A000242

**N2A000140**, CR 045 (cat F) on 29.078, source NTT DoCoMo: *Correction and Editorial changes, Clause 12*

12.2.2.1.2 Addressing has been changed after an e-mail discussion.

**Discussion:** One object Identifier is in this document. It has to be checked.

**Conclusion:** Revised in N2A000241

**N2A000155**, CR 092 (cat F) on 23.078, source Siemens: *Correction of signal in CAMEL\_ICH\_MSC\_INIT*

The MSC in the process ICH\_MSC in 23.018 receives a signal Continue CAMEL Handling from the VLR, not SIFIC ack.

The content of this signal is evaluated at the beginning of the procedure CAMEL\_ICH\_MSC\_INIT.

**Discussion:** A CR of 23.018 on continue CAMEL handling has been presented at the N2B meeting and they wanted it incorporated in 23.078 instead. It is described in document N2A000222.

In Continue CAMEL Handling the O-SCI should be included.

**Conclusion:** Revised in N2A000243 (incl. N2A000123 & N2A000222)

**N2A000222**, CR 118 (cat A) on 23.078, source Siemens: *Definition of Continue CAMEL Handling*

The MSC in the process ICH\_MSC (23.018) receives Continue CAMEL Handling from the VLR. This CR proposes the information flow in the clause 4.6.

**Discussion:** It is a misalignment between the terminating and originating side but since it's an internal nothing is changed in the specification. It is included a reference in the document to 23.018 but in this document it is not explained. Sumio Miyagawa will check the references.

**Conclusion:** Revised in N2A000243 (incl. N2A000155 & N2A000123)



**N2A000123**, CR 062 rev 1 (cat F) on 23.078, source NTT DoCoMo: *Correction of SDL and IF for Dialed Service in Call Forwarding*

Kazuhiko Nakada presented the document. The CR propose changes in the same SDLs as the changes proposed in N2A000155.

**Discussion:** The originators of N2A000155, N2A000222 and N2A123 shall propose a common CR in document N2A000243

**Conclusion:** Revised in N2A000243 (incl. N2A000155 & N2A000222)

**N2A000163**, CR 034 rev 2 (cat F) on 29.078, source Nokia: *CCBS & CLI presentat indicators*

- The CCBS treatment indicator interworking with ISUP is missing in annex A.
- CLIPresentation indicator is moved from Connect argument to SII2 parameter

**Discussion:** There was comments on the references. It is a reference to 29.012 but it doesn't exist. The editor was informed about the comments and the best way is not to change the references to an ITU-T specification.

**Conclusion:** Revised in N2A000247

**N2A000247**, CR 034 rev 3 (cat F) on 29.078, source Nokia: *CCBS & CLI presentat indicators*

**Conclusion:** Approved

**N2A000211**, CR 038 rev 1 (cat F) on 29.078, source Siemens: *Addition of Connected number treatment indicator*

Connected number treatment indicator is used to indicate treatment of the connected number, which can be seen the detail in Q.1601. For interworking with ISUP, this information shall be contained in the Service interaction indicator two IE which is included in InitialDP, Connect, Connect To Resouce, Continue With Argument, Establish Temporary Connection information flows and the relevant operations.

The document has been presented in Kyoto and has been revised.

**Discussion:** One parameter has to be changed.

Sumio Miyagawa and Steffen Habermann will check in 09.12 to see if it covers the details, so the reference is correct.

**Conclusion:** Revised in N2A000245

**N2A000167**, CR 094 (cat F) on 23.078, source Nokia: *Removal of Redirection Information from the ContinueWithArgument operation*

**Conclusion:** Approved

**N2A000168**, CR 050 (cat F) on 29.078, source Nokia: *Removal of Redirection Information from the ContinueWithArgument operation*

**Discussion:** Comments on the numbering but it will be corrected when implementing the CR. This CR will be incorporated in the corrected CR:s N2A000238 and N2A000242.

**Conclusion:** Rejected (N2A000238, N2A000242)

**N2A000169**, CR 095 (cat F) on 23.078, source Nokia: *Implicit disarming of TDPs*

The implicit disarming of trigger detection points (TDPs) is not specified, although implicit disarming of EDPs is specified. The DP3 (D-CSI & N-CSI) disarming needs a special handling so that service requirements are fulfilled. When the O-CSI, T-CSI or VT-CSI service gives Connect to make follow-on call or re-routing, it is desirable that the DP3 service is triggered each time. This makes it O-BCSM consistent with the follow-on calls made by T-BCSM; in each follow-on call T-BCSM initiates a new O-BCSM, thus DP3 can be reported on each time.

**Discussion:** Does DP2 need to be included in the table? What will happen at route select failure? One reason for Nokia to propose it is that there are no limitation of triggering at route

select failure and therefore it can be a loop. Since there were many pro/con the discussion was moved off line. Keijo Palviainen will act as an coordinator.

**Conclusion:** Postponed

**N2A000180**, source NTT: *Addition of in-band user interaction handling for Dialed Service*  
Kazuhiko Nakada presented the document. A proposal to add the in-band user interaction handling in the dialled services has been presented in S1. Due technical reason they didn't decide anything and asked N2 to check this further.

**Conclusion:** Noted

**N2A000239**, CR 096 rev 1 (cat B) on 23.078, source NTT DoCoMo, NEC: *Addition to SDL of user interaction in Waiting\_for\_Instructions\_for\_DS*

**Discussion:** It is no charging requirements in the dialled service therefore the e-parameters are not applicable. A problem was recognized that prepaid service triggered in DP2 and the charging is then changed in DP3 the service logic can't change the tariff.

SCI and the e-parameters are removed from the R99.

The revised version will be a merged CR with N2A000172.

**Conclusion:** Revised in N2A000251

**N2A000172**, CR 097 (cat B) on 23.078, source NTT DoCoMo, NEC: *Addition to description of SDL related to user interaction*

**Discussion:** This will be included in the document N2A000251 (revision of N2A000239)

**Conclusion:** Rejected (N2A000251)

**N2A000173**, CR 041 rev 3 (cat B) on 23.078, source France Telecom: *Introduction of call gapping*

François Dronne presented the contribution that propose to introduce call gapping in 23.078. It has been decided to have it in R99 it's nothing in the specification, yet.

**Discussion:** Nokia wanted the IMSI prefix to be removed. They propose that the store IMSI prefix and note 1 shall be removed. If it will be network internal then it is not necessary. If it should be used between the operators in the future, the SDLs has then to be revised.

Nokia also proposed to send call gapping message in the beginning of the dialog. Véronique Belfort clarified that the call gapping is send to gap further call not the ongoing call. There was a request to align it with CS-2. Christian Homann clarified how this spontaneous sending of call gapping info is working. There are two ways of doing it; one is to open a new dialog and the other two send it in an existing dialog. It was decided to allow it in any call state which is a misalignment of CS-2.

**Conclusion:** Revised in N2A000253

**N2A000142**, CR 015 rev 3 on 29.078, source France Telecom, Alcatel: *Introduction of call gapping*

Christian Homann presented the document.

**Discussion:** The sentence of Location number in clause xx.yy.2 "Responding entity (gsmSSF)" shall be deleted.

Rogier Noldus would like to have clarification on when the parameter shall be included in Initial DP? The document N2A000253 shall be updated with the information.

Removal the IMSI prefix in alignment with the stage 2.

The call forwarding scenario has to be clarified?

This CR has to be Aligned with the collective corrected CR.

**Conclusion:** Revised in N2A000254

**N2A000255**, CR 037 rev 3 (cat C) on 23.078, source Vodafone Airtouch: *Clarification on CUG handling*

Revised version of N2A000181

**Conclusion:** E-mail discussion

**N2A000181**, CR 037 rev 2 (cat C) on 23.078, source Vodafone Airtouch: *Clarification on CUG handling*

Nick Russell presented the CR that aims to complete the work on the interactions between CUG and CAMEL Phase 3.

**Discussion:** Destination number will be removed. This contribution also handle continue with argument and Siemens has submitted an CR that just handle this and therefore the discussion continues with document N2A000083.

**Conclusion:** Revised in N2A000255

**N2A000083**, CR 074 (cat F) on 23.078, source Siemens: *Explicit treatment of Int\_Continue\_With\_Argument*

Sumio Miyagawa presented the document.

**Discussion:** The contribution describes what's already included in stage 3. It's just remodelling of internal processes in the MSC. Since N2A000181 also handle some issues in the continue with argument, this contribution will be incorporated in revised versions of the CUG-contribution presented in N2A000255.

**Conclusion:** Rejected (N2A000255)

**N2A000220**, CR 057 rev 0 (cat C) on 29.078, source Vodafone Airtouch: *Clarification of CUG handling*

Nick Russell presented the document that completes the work of interaction between CUG and CAMEL phase 3 into stage 3. He mentioned that there are still some errors in the ASN1.

**Discussion:** Some of the remarks were:

- CUG control is defined twice.
- The extension marks will be removed.
- Leave out service effect
- editorial comments

**Conclusion:** Revised in N2A000256

**N2A000186**, CR 102 (cat C) on 23.078, source Alcatel: *Clarification on CUG handling*

Christian Homann presented the contribution that proposes changes of the CUG parameters.

**Discussion:** The CUG information and the CUG index will be there for MO calls. Christian Homann and Nick Russell will ask Ruth Hewson about her opinion about this.

**Conclusion:** Revised in N2A000257

**N2A000187**, CR 052 (cat C) on 29.078, source Alcatel: *Clarification on CUG handling and syntactical error correction on ASN.1*

Christian Homann presented the corresponding stage 3 specification about CUG info.

**Conclusion:** Revised in N2A000258

**N2A000174**, CR 098 (cat C) on 23.078, source NTT COMMWARE: *addition of gsmSCF address list to CSI*

Toshio Norimatsu presented the document. The contribution proposes that a list of gsmSCF addresses per subscriber and per CAMEL data will be added to CSI.

**Discussion:** Toshio Norimatsu and Véronique Belfort will together update the CR. The check procedures have to be clarified.

**Conclusion:** Revised in N2A000259

**N2A000175**, CR 020 (cat C) on 23.008, source NTT COMMWARE: *addition of gsmSCF address list to CSI*

Since it is the corresponding CR for stage 3 the comments is the same as for N2A000174

**Conclusion:** Revised in N2A000260

**N2A000176**, CR 021 (cat F) on 23.008, source NTT COMMWARE: *correction on ODB data*  
Proposal to add the Notification flag and gsmSCF address list for ODB.

**Discussion:** The list is already a part of the ODB data. This was decided in Kyoto in document N2A000128. (The updated table shall be included in the document N2A000260.)  
The Cr will be merge with the CR in document N2A000196. The new document number is N2A000261.

**Conclusion:** Rejected (N2A000261)

**N2A000196**, CR ? (cat F) on 23.008, source Alcatel: *Combined CR on 23.008*  
Véronique Belfort presented the document that includes

- 1) Alignment of 23.008 with 29.002 for CSI active flag and notification flag, only one occurrence per CSI
- 2) Editorial corrections
- 3) Introduction of N2A00128, CR12 rev2
- 4) 3G references

**Discussion:** 23.008 shall not include descriptions of Supplementary Services.

**Conclusion:** Revised in N2A000261

**N2A000261**, CR 107 rev 1 (cat F) on 23.078, source Alcatel: *Combined CR on 23.008*  
Revision of N2A000196

**Conclusion:** Endorsed by N2A

**N2A000095**, CR 040 (cat F) on 29.078, source Ericsson: *Specifying time unit for 'firstDigitTimeOut' and 'interDigitTimeOut'*

Rogier Noldus presented the contribution; Parameter CollectedDigits contains, among others, sub-parameters 'firstDigitTimeOut' and 'interDigitTimeOut'. However, it is currently not specified what time unit to use for these parameters.

**Discussion:** The CR will be incorporated in the combined CR without any changes.

**Conclusion:** Rejected (N2A000137)

**N2A000100**, CR 085 (cat D) on 23.078, source Vodafone Airtouch: *Inclusion of CAMEL Phase 1 procedures as targets for references in 3G TS 23.018*

The aim of this editorial contribution is to align the CAMEL specifications in 3GPP.

**Conclusion:** Approved

**N2A000114**, CR 034 rev 1 (cat F) on 23.078, source Vodafone Airtouch: *Correction to some SDLs in chapter 4*

Nick Russell presented the document.

**Discussion:** The category should be changed to D.

**Conclusion:** Approved

**N2A000116**, CR 036 rev 1 (cat C) on 23.078, source Vodafone Airtouch: *Call Completion Treatment Indicator*

The aim of this CR is to solve one of the outstanding issue from CN Plenary #6. It shall be possible for the Call Completion Treatment Indicator to be sent in the Connect message for the T-BCSM in the GMSC and the forwarding O-BCSM

**Discussion:** Alcatel has an other contribution in the same area in N2A000185.

**Conclusion:** Rejected (N2A000262)

**N2A000185**, CR 101 (cat C) on 23.078, source Alcatel: *Correction of SII2 description*

**Discussion:** What's the reason why the Call Completion Treatment Indicator shall not be in the forward Service Interaction indication? Why not align it with CS-2 handling, just in the backward. The contribution will be sent forward for Ruth Hewson treatment.

**Conclusion:** Revised in N2A000262

**N2A000117**, CR 038 rev 1 (cat F) on 23.078, source Vodafone Airtouch, Ericsson:

*Clarification of SS Invocation Notification*

Rogier Noldus presented the document. The CR proposes a number of technical and editorial corrections to chapter 8 of 3G TS 23.078.

**Conclusion:** Approved

**N2A000118**, CR 044 rev 1 (cat A) on 23.078, source Ericsson: *Technical and editorial corrections to circuit switched call handling*

This CR proposes a number of technical and editorial corrections to chapter 4 of 3G TS 23.078 (Circuit Switched Call Control).

**Discussion:** No comments.

**Conclusion:** Approved

**N2A000119**, CR 046 rev 1 (cat A) on 23.078, source Ericsson: *Technical and editorial corrections to GPRS*

**Discussion:** Agreed already in Kyoto

**Conclusion:** Approved

**N2A000122**, CR 048 rev 1 (cat A) on 23.078, source Ericsson: *Inclusion of O-CSI trigger criteria in Resume Call Handling*

**Conclusion:** Approved

**N2A000264**, CR 042 rev 2 (cat A) on 23.078, source Ericsson, Vodafone Airtouch: *Technical and editorial corrections to ATSI, ATM, NCSD*

Revision of document N2A000125.

**Conclusion:** Approved

**N2A000125**, CR 042 rev 1 (cat A) on 23.078, source Ericsson, Vodafone Airtouch: *Technical and editorial corrections to ATSI, ATM, NCSD*

Technical and editorial corrections to ATSI, ATM, NCSD. Rev of both N2A000008 & N2A000014

**Discussion:** Proposed change the C in Any time modification ack Sumio Miyagawa and Rogier Noldus shall rewrite the editorial changes. The delegates trusted the editors so that the wording will be in line with the discussion.

**Conclusion:** Revised in N2A000264

**N2A000126**, CR 043 rev 1 (cat A) on 23.078, source Ericsson, Vodafone Airtouch: *Technical and editorial corrections to Location Services and Any Time Interrogation*

The CR is a combined revision of Tdoc N2A000008 and Tdoc N2A000015.

**Discussion:** An off line discussion has to take place.

Removal of provide subscriber info that is not in CAMEL specific data. There is a need to check if the relevant data is in 23.018. France telecom has the action point to check this.

**Conclusion:** Revised in N2A000265

**N2A000204**, CR 111 (cat D) on 23.078, source Vodafone Airtouch: *Removal of PSI description*

Nick Russell presented the document that already has been presented in the N2B meeting in Milan. Due to ALR, Provide Subscriber Info will be described in TS 23.018, hence the description in TS 23.078 should be replaced by a reference to TS 23.018.

The description of Provide Subscriber Info ack is already in TS 23.018.

**Discussion:** Alignment with document N2A000106 is needed.

**Conclusion:** Approved

**N2A000144**, CR 090 (cat D) on 23.073, source Ericsson: *Correction and Editorial changes, Clause 12*

Rogier Noldus presented the CR that rephrases the description of Service Key in Initial DP, Initial DP GPRS and Initial DP SMS.

**Conclusion:** Approved

**N2A000060**, CR 060 (cat F) on 23.078, source NTT DoCoMo: *Correction of gsmSSF SDL in Wait\_For\_Request state*

Kazuhiko Nakada presented the document.

**Discussion:** This document is covered in the Alcatel contribution N2A000098. Therefore N2A000098 is withdrawn. There is an interaction with CR N2A000249. The document will be included in the revision of document N2A000249.

**Conclusion:** Rejected (N2A000266)

**N2A000249**, CR 121 (cat F) on 23.078, source Alcatel: *Implementation of retriggering in gsmSSF SDL*

Christian Homann presented the document. Document N2A000060 will be merged into this document.

**Conclusion:** Revised in N2A000266

**N2A000104**, CR 089 (cat F) on 23.078, source NTT DoCoMo: *Correction of Dialed service triggering criteria*

Kazuhiko Nakada presented the document.

**Discussion:** Network specific service codes and NA Equal access are removed in DP3. Steffen Habermann will check this further.

**Conclusion:** Revised in N2A000267

**N2A000059**, CR 059 (cat F) on 23.078, source NTT DoCoMo: *Addition of gsmSRF disconnect handling in CCF SDL*

Kazuhiko Nakada presented the document.

**Discussion:** No comments.

**Conclusion:** Approved

**N2A000182**, CR 051 rev 3 (cat F) on 23.078, source NEC: *Correction of SDL related to CAMEL Phase3 for D-CSI*

**Discussion:** The last four sheets shall be removed.

**Conclusion:** Revised in N2A000268

**N2A000268**, CR 051 rev 4 (cat F) on 23.078, source NEC: *Correction of SDL related to CAMEL Phase3 for D-CSI*

Revision of N2A000182

**Discussion:** Approved without presentation.

**Conclusion:** Approved

**N2A000183**, CR 052 rev 3 (cat F) on 23.078, source NEC: *Addition of description of D-CSI in MO Calls*

**Discussion:** The first bullet in reason to change in the CR is not longer relevant after the decision yesterday of the internal continue with argument.

CAMEL Capability Handling in the D-CSI shall be set to manadatory.

**Conclusion:** Revised in N2A000269

**N2A000198**, CR (cat F) on 22.078, source Alcatel: *User interaction in active state*  
Christian Homann presented the document on user interaction in stage 1. The change request proposes to delete in paragraph 14.1 the inclusion of announcements during the active phase of the call.

***Discussion:*** There are no clear guidelines from SA1 on this. Since the stage 2 and stage 3 contributions on this is stable a CR to stage 1 will be drafted. Michel is volunteered to do this.

***Conclusion:*** Revised in N2000271

**N2A000246**, CR (cat F) on 22.078, source Alcatel: *Correction of Announcement capabilities*  
The official CR to stage 1 of deletion of the text about announcement as described in N2A000246.

***Conclusion:*** Noted

**N2A000227**, CR 122 (cat F) on 23.078, source Ericsson: *User Interaction in Monitoring*

***Discussion:*** The CR number shall be put into the document. One open is who will get the announcement. Nokia proposes that the announcement should be sent to the served party but the call will go on. Lucent support Nokia's view. Alcatel proposes to enhance it so that the SCP will decide to whom it will be played, hence to introduce the leg id. Alcatel has then to draft a contribution on this.

There was a discussion about if it should be used for CF. If it should be supported then it should be played both in GMSC and VMSC. This has to be described in 23.018.

An explanation of the handling of announcement is needed.

***Conclusion:*** Revised in N2A000270

**N2A000228**, CR 058 (cat F) on 29.078, source Ericsson: *User Interaction in Monitoring*

Rogier Noldus presented the document.

***Discussion:*** N2A000184 is in the same area.

***Conclusion:*** Approved

**N2A000184**, CR 051 (cat C) on 29.078, source Alcatel: *User Interaction in the monitoring state*

***Discussion:*** The editors shall check if there any conflict with N2A000228 and the combined CR.

***Conclusion:*** Noted

**N2A000221**, CR 117 (cat A) on 23.078, source Siemens: *Removal of user interaction in the monitoring state*

Sumio Miyagawa presented the contribution.

***Conclusion:*** Rejected after the presentation.

**N2A000188**, CR 103 (cat C) on 23.078, source Alcatel: *Replacement of Figure 4.57g:*

*Process gsmSSF (sheet 7) by correct SDL figure.*

Christian Homann presented the CR. Sheet 6 (35) was twice in the 23.078 specification and is replaced by the correct sheet 7(35).

***Conclusion:*** Approved

**N2A000189**, CR 104 (cat C) on 23.078, source Alcatel: *Correction of "Figure 6.2: GPRS Attach/Detach FSM"*

Véronique Belfort presented the contribution. The "CSE initiated detach" event does not exist.

***Discussion:*** Comments about reason to change.

***Conclusion:*** Approved

**N2A000190**, CR 105 (cat C) on 23.078, source Alcatel: *Correction of first state in "Figure 6.14 l: Process GPRS\_SSF"*

Christian Homann presented the document. Figure 6.14 k: Process GPRS\_SSF (sheet 11) and Figure 6.14 l: Process GPRS\_SSF (sheet 12) have the same state and input at the beginning. So only one of both SDL figures are correct.

It is proposed to start the second diagram with the state monitoring.

**Discussion:** Relation to N2A000236.

**Conclusion:** Approved

**N2A000191**, CR ----- (cat C) on 22.078, source Alcatel: *Correction of GPRS session description*

Christian Homann presented the three documents Stage 1, 2 and 3 in document N2A0000191, N2A000192 and N2A000193. The terms GPRS session, GPRS attach/detach and PDP context are used in the GPRS standards in various contexts and ways. Reason to change is that to align the terminology's to the 23.078 terminology.

**Discussion:** Section 10.7 has to be revised. Alcatel will take care of further handling of the document.

**Conclusion:** Noted

**N2A000192**, CR 106 (cat C) on 23.078, source Alcatel: *Correction of GPRS session description*

**Discussion:** Proposed changes in information element Charging Result on the Apply Charging Report GPRS is not in line with the SDLs and is therefore not agreed.

PDP will be added to the header Description of the session Context model (PIAs).

Changes of timer ID will be covered in an other contribution.

**Conclusion:** Revised in N2A000272

**N2A000272**, CR 106 rev 1 (cat C) on 23.078, source Alcatel: *Correction of GPRS session description*

Revision of N2A000192

**Discussion:** Approved without presentation.

**Conclusion:** Approved

**N2A000193**, CR 053 (cat C) on 29.078, source Alcatel: *Correction of GPRS session description*

**Conclusion:** Approved

**N2A000226**, CR 087 rev 2 (cat F) on 23.078, source Alcatel: *CDPartyNB or CDPartyBCDNB*

Christian Homann presented the contribution. The purpose of it is to define which called Party Number parameter shall be used in 'Initial\_DP' at DP\_Analysed\_Information and in case of unsuccessful DPs. It also introduce a new parameter to treat the longFTN.

**Discussion:** Propose to remove service specific information criteria.

MO: DP2 is unchanged - called party BCD number, DP3 is a new DP - called party BCD number, DP4 - called party number.

MF: The Long FTN is an other WI and should therefore be treated separately. Stay as is it with the reference to CD.

MT: No change

VT: No change

**Conclusion:** Revised in N2A000274



**N2A000200**, CR 100 rev 1 (cat C) on 23.078, source NTT COMMWARE: *Introduction of 'Service Area Identity (SAI)' (revise of N2A000178)*

Toshio Norimatsu presented the document.

**Discussion:** A CR to 29.078 is needed. It will be approved if the corresponding CR to 29.078 is approved.

**Conclusion:** Approved

**N2A000195**, CR 084 rev 1 (cat D) on 23.078, source Alcatel: *Correction of references occurring in the SDL figures*

Christian Homann presented the contribution that is correcting the references.

**Discussion:** Approved with a change of the reference to editorial.

**Conclusion:** Approved

**N2A000197**, CR 108 (cat F) on 23.078, source Alcatel: *Correction of GPRS PDP context FSM*

Véronique Belfort presented the document.

**Conclusion:** Revised in N2A000281

**N2A000205**, CR 061 rev 2 (cat B) on 23.078, source NTT: *Addition of SCI handling in Waiting for Instructions For DS state*

Kazuhiko Nakada presented the document that is a revised version of N2A000179.

**Discussion:** The scenario 2 was the agreed. Only one dialog should be allowed to verify charging procedure.

Since the service requirements changes, 22.078 has to be updated. NTT DoCoMo will take care of it.

**Conclusion:** Revised in N2A000282

**N2A000201**, CR 109 (cat A) on 23.078, source Ericsson: *Enhancement of the SDL for ATM*  
Rogier Noldus presented the CR that proposes an enhancement to the SDL in chapter 10 for Any Time Modification. The aim of proposed set of SDL's is to present a clear overview of the behavior of the HLR on reception of an ATM request.

**Discussion:** ATM data has to be updated in page 5. There was a comment on the note at page 8. It will be handle off line.

**Conclusion:** Revised N2A000283

**N2A000202**, CR 110 (cat A) on 23.078, source Ericsson: *Enhancement of the SDL for NCSD*  
This CR proposes an enhancement to the SDL in chapter 10 for Notification of Change of Subscriber Data. The aim of the proposed set of SDL's is to present a clear overview of the behavior of the HLR when sending a notification of change of subscriber data.

**Discussion:** Alcatel had some comments about the 10.2.3. It will be an off line on this.

**Conclusion:** Revised in N2A000284

**N2A000284**, CR 110 rev 1 (cat A) on 23.078, source Ericsson: *Enhancement of the SDL for NCSD*

Revision of N2A000202.

**Discussion:** Approved without representing in the meeting.

**Conclusion:** Approved

**N2A000235**, CR 119 (cat C) on 23.078, source NTT COMMWARE: *Enhancement of the ATSI SDL*

Toshio Norimatsu presented the document. The intention of it is to clarify the process of ATSI on supplementary service data.

**Discussion:** The ODB check will be removed from the SDL.

**Conclusion:** Revised in N2A000285

**N2A000285**, CR 119 rev 1 (cat C) on 23.078, source NTT COMMWARE: *Enhancement of the ATSI SDL*

Revision of N2A000235

**Discussion:** Approved without representation.

**Conclusion:** Approved

**N2A000206**, CR (cat F) on 22.078, source Siemens: *Forced release of data transmission by SGSN when granted time or volume exceeded.*

Sumio Miyagawa presented the three CR to the different stages in N2A000206, N2A000210 and N2A000212. The VPLMN for the GPRS data transmission, when a threshold for a session or PDP context has been reached, shall only report the event to the CSE and wait for the instruction by the CSE. The VPLMN shall not instantly suspend the data transmission. It may be too restrictive for the VPLMN operator, some operators may want to suspend immediately to avoid unnecessary signalling between the SGSN and the SCP. This CR proposes the forced release by the SGSN if the granted time or volume exceeded.

**Discussion:** Ericsson has concerns to have it in the specification due to the late contribution. Rogier Noldus reminded that this has been in the stage 1 specification before and been removed. The reason for taken it out of the specification is that it was not "needed".

Siemens would like to have it optional as proposed in the document.

Iris Moilanen checked in her notes from other meetings and found that it was taken out of CAMEL phase 3 in S1 in September. The meeting decided to reject the contribution for R99 but it could be in R00.

**Conclusion:** Rejected

**N2A000210**, CR 113 (cat F) on 23.078, source Siemens: *Forced release of data transmission by SGSN when granted time or volume exceeded.*

**Discussion:** The first page shall not be deleted. Apply Charging Report is sent twice and have to be revised.

**Conclusion:** Rejected

**N2A000212**, CR 055 (cat F) on 29.078, source Siemens: *Forced release of data transmission by SGSN when granted time or volume exceeded.*

**Conclusion:** Rejected

**N2A000203**, CR (cat A) on 23.008, source Ericsson: *Adding D-CSI to table with Negotiated CAMEL Capability Handling variables*

Rogier Noldus presented the correction that adds the D-CSI in the stored data in HLR, Negotiated CAMEL Capability Handling

**Conclusion:** Approved

**N2A000208**, CR 081 rev 1 (cat D) on 23.078, source Siemens: *Improved SDLs in GPRS interworking*

Sumio Miyagawa presented the editorial CR.

**Conclusion:** Approved

**N2A000209**, CR 112 (cat D) on 23.078, source Siemens: *Procedure Handle\_SCI\_GPRS and Complete\_FCI\_Record\_GPRS*

Sumio Miyagawa presented the proposed changes to avoid misunderstanding between process GPRS\_SSF expects Procedure Handle\_SCI and Complete\_FCI\_Record. It is recommended to specify in the clause 6 independently.

**Discussion:** There is a corresponding CR changing the naming.

**Conclusion:** Revised in N2A000286

**N2A000213**, CR 056 (cat F) on 29.078, source Siemens: *Increasing the parameter constants*  
Sumio Miyagawa presented the proposal to increase the maximum number of a list of announcements to 16.

To enlarge the maximum number of digits for the prompt and collect user information procedure to 30.

**Discussion:** There was no major concerns in any direction but it was no technical problems.

**Conclusion:** Revised in N2A000287

**N2A000287**, CR 056 rev 1 (cat F) on 29.078, source Siemens: *Increasing the parameter constants*

Revision of N2A000213

**Discussion:** Approved without further presentation.

**Conclusion:** Approved

**N2A000075**, CR 066 (cat F) on 23.078, source Siemens: *Addition of Int\_Error in DP\_O/T\_Answer states*

Sumio Miyagawa presented the document.

**Discussion:** Figure numbering has to be revised.

**Conclusion:** Approved

**N2A000076**, CR 067 (cat F) on 23.078, source Siemens: *Addition of 'Start Tccd' in the procedure Handle\_ACR*

**Discussion:** Nokia have presented a CR for the draft CAMEL phase 3 in the same area , so this should already be in the specification.

**Conclusion:** Rejected

**N2A000077**, CR 068 (cat F) on 23.078, source Siemens: *Correction of the decision box after receiving Int\_DP\_O\_Answer and Int\_DP\_T\_Answer in the procedure gsmSSF*

This DP is not a T-DP therefore the check of criteria should be removed.

**Conclusion:** Approved

**N2A000078**, CR 069 (cat F) on 23.078, source Siemens: *Correction of the description in the creation of a new leg in CF*

The reason to change is that the trigger criteria has to be satisfied to create a new call leg to a "C" party.

**Discussion:** Christian Homann, Rogier Noldus, Keijo Palviainen and Sumio Miyagawa will work hard on this off line and the document is approved without further presentation.

**Conclusion:** Revised in N2A000288

**N2A000288**, CR 069 rev 1 (cat F) on 23.078, source Siemens: *Correction of the description in the creation of a new leg in CF*

Revision of N2A000078

**Discussion:** The document is approved without further presentation.

**Conclusion:** Approved

**N2A000079**, CR 070 (cat F) on 23.078, source Siemens: *Correction of the description of BCSM relationships*

**Discussion:** Editorial changes.

**Conclusion:** Revised in N2A000289

**N2A000080**, CR 071 (cat F) on 23.078, source Siemens: *Correction of the direction of Int\_Continue after sending Int\_T-Abandon (additional CR to 23.078-033)*

Sumio Miyagawa presented a CR about this in CN#6. Unfortunately one SDL was missing in the contribution.

**Conclusion:** Approved

**N2A000289**, CR 070 rev 1 (cat F) on 23.078, source Siemens: *Correction of the description of BCSM relationships*

Revision of N2A000079

**Discussion:** Approved without representing.

**Conclusion:** Approved

**N2A000081**, CR 072 (cat F) on 23.078, source Siemens: *Corrections of the process gsmSSF*

Sumio Miyagawa presented the contribution that was kindly presented for information by Siemens. This is covered by a contribution from Alcatel. The document was noted.

**Conclusion:** Rejected

**N2A000082**, CR 073 (cat D) on 23.078, source Siemens: *Editorial changes for legs*

**Discussion:** Editorial change.

**Conclusion:** Approved

**N2A000086**, CR 077 (cat F) on 23.078, source Siemens: *gsmSSF DP handling in CF*

**Discussion:** It is a need to think it over to see if it's really a problem. The CR was noted.

**Conclusion:** Rejected

**N2A000087**, CR 078 (cat F) on 23.078, source Siemens: *Improvement the GPRS FSMs*

Sumio Miyagawa presented the document. It is an other contribution from Alcatel in the same area.

**Discussion:** Comment that a more general explanation is better than of the note to the table. Christian Homann is working with the modeling of GPRS at the moment and the relevant part of this contribution will be forward to his contribution. The document was noted.

**Conclusion:** Rejected

**N2A000225**, CR 40 rev 3 (cat C) on 23.078, source Vodafone Airtouch: *Correction of SS Invocation Notification for CCBS*

Nick Russell presented the document. It has previously been agreed that the SS Invocation Notification for CCBS should indicate the current status of the CCBS request.

**Discussion:** There is a corresponding CR to the CCBS specification. It has been a request of a reduction of the scope but for the time being we have to agreed on this.

If the information is in 23.093, the explanation text in 23.078 will be changed to a reference to this specification. Nick Russell and Rogier Noldus will together revise the document.

**Conclusion:** Revised in N2A000290

**N2A000224**, CR 79 rev 3 (cat C) on 29.002, source Vodafone Airtouch: *Correction of SS Invocation Notification for CCBS*

**Discussion:** Functional endorsed in N2A but there was some concerns about ASN1 syntax.

**Conclusion:** Endorsed by N2A

**N2A000290**, CR 40 rev 4 (cat C) on 23.078, source Vodafone Airtouch: *Correction of SS Invocation Notification for CCBS*

Revised version of N2A000225

**Discussion:** Approved without further presentation.

**Conclusion:** Revised in N2A000300

**N2A000300**, CR 40 rev 5 (cat C) on 23.078, source Vodafone Airtouch: *Correction of SS Invocation Notification for CCBS*

Revised version of N2A000290

**Discussion:** There were some editorial comments. Approved without further presentation.

**Conclusion:** Approved

**N2A000273**, source T-mobil: *Number comparison with respect to CAMEL number analyses*  
Steffen Habermann presented the document that explains the idea how to compare different numbers. The discussion will continue off line.

**Conclusion:** Noted

**N2A000088**, CR 079 (cat F) on 23.078, source Siemens: *Inclusion of Release transaction in CAMEL\_OCH\_MSC\_INIT*

**Conclusion:** Revised in N2A000290

**N2A000291**, CR 079 rev 1 (cat F) on 23.078, source Siemens: *Inclusion of Release transaction in CAMEL\_OCH\_MSC\_INIT*

Revised version of N2A000088

**Discussion:** Approved without further presentation.

**Conclusion:** Approved

**N2A000097**, CR 082 (cat F) on 23.078, source Siemens: *Correction of the description of the SGSN*

**Conclusion:** Approved?

**N2A000120**, CR 075 rev 1 (cat F) on 23.078, source Siemens: *Evaluation of D-CSI in ORLCF*

**Discussion:** It is an Ericsson contribution in the same area in N2A000128. Something is missing on route select failure, that has to be handle as well.

**Conclusion:** Rejected

**N2A000218**, CR 116 (cat A) on 23.078, source Ericsson: *O-CSI and D-CSI checks for ORLCF*

**Discussion:** This is in favor of N2A000120.

**Conclusion:** Approved

**N2A000121**, CR 076 rev 1 (cat F) on 23.078, source Siemens: *Extension of the description of the O\_No\_Answer*

For alignment with the description in 23.018, O\_No\_Answer should include the indication of the release message sent from the destination exchange.

**Conclusion:** Revised in N2A000292

**N2A000292**, CR 076 rev 2 (cat F) on 23.078, source Siemens: *Extension of the description of the O\_No\_Answer*

Revised version of N2A000121

**Discussion:** Approved without representing the revised version.

**Conclusion:** Approved

**N2B000164**, CR A054 (cat F) on 03.18, source Siemens: *Correction of CF Notification*  
Presented for information.

**Conclusion:** Noted

**N2B000165**, CR A058 (cat A) on 03.18, source Siemens: *Correction of CF Notification*  
Presented for information.

**Conclusion:** Noted

**N2B000166**, CR 037 (cat A) on 23.018, source Siemens: *Correction of CF Notification*  
Presented for information.

**Conclusion:** Noted

**N2B000167**, CR A024 (cat F) on 03.79, source Siemens: *Correction of CF Notification*  
Presented for information.

**Conclusion:** Noted

**N2B000168**, CR A025 (cat A) on 03.79, source Siemens: *Correction of CF Notification*  
Presented for information.

**Conclusion:** Noted

**N2B000169**, CR 009 (cat A) on 23.079, source Siemens: *Correction of CF Notification*  
Presented for information.

**Conclusion:** Noted

**N2B000327**, CR 038 rev 1 (cat F) on 23.018, source Siemens: *Definition of Continue CAMEL Handling*

Presented for information.

**Conclusion:** Noted

**N2A000219**, CR (cat F) on 23.018, source Ericsson: *O-CSI and D-CSI checks for ORLCF*  
**Discussion:** The document will be sent out for E-mail approval to N2B. Monica Hellman takes care of it.

**Conclusion:** Endorsed by N2A

**N2A000101**, CR 086 (cat F) on 23.078, source Alcatel: *unsuccessful Dps call model*  
Christian Homann presented the document.

**Conclusion:** Approved

**N2A000103**, CR 088 (cat F) on 23.078, source Alcatel: *unsuccessful Dps BCSM*  
Christian Homann presented the document. It includes unsuccessful DPs into the BCSMs.

**Discussion:** This has been deleted earlier. No one had a strong feeling if it should be in or out but several had strong feeling to tell the other that they don't have a strong feeling. To prevent the discussions about taking it away at the next meeting the contribution was rejected.

**Conclusion:** Rejected

**N2A000151**, CR 063 rev 2 (cat F) on 23.078, source NTT: *Clarification of N-CSI in Core NW*.

This document is a revision of document N2A000069 presented in Kyoto. In the current version specification, it is described that N-CSI is stored in VLR, N-CSI is network defined data, and is suitable to be stored in MSC.

**Conclusion:** Approved

**N2A000217**, CR 115 (cat A) on 23.078, source Ericsson: *O-CSI and D-CSI checks for SRI Ack*

Rogier Noldus presented the document

**Discussion:** The impact to 23.018 that has to be checked. NTT has a contribution about this in N2A000243. This two documents will be merged. O-CSI check will be taken out from the revised document..

**Conclusion:** Rejected (N2A000293)

**N2A000243**, CR 062 rev 2 (cat F) on 23.078, source NTT DoCoMo: *Correction of SDL and IF for Dialed Service in Call Forwarding*

Revised of N2A000123 (incl. N2A000155 & N2A000222)

**Discussion:** Proposal to include the relevant parts in N2A000293

**Conclusion:** Revised in N2A000293

**N2A000245**, CR 038 rev 2 (cat F) on 29.078, source Siemens: *Addition of Connected number treatment indicator*

Revision of N2A000211

**Conclusion:** Approved

**N2A000207**, CR 064 rev 1 (cat F) on 23.078, source Siemens: *Addition of Connected number treatment indicator*

**Discussion:** Proposal to remove the values.

**Conclusion:** Revised in N2A000294

**N2A000294**, CR 064 rev 2 (cat F) on 23.078, source Siemens: *Addition of Connected number treatment indicator*

Revised version of N2A000207

**Discussion:** Approved without further presentation

**Conclusion:** Approved

**N2A000277**, CR 056 rev 3 (cat F) on 23.078, source Nokia: *GPRS TCAP dialogues*

Revision of N2A000236.

**Discussion:** The decisions taken and further work is probably needed. This document will be the base of on further work on this topic.

**Conclusion:** Approved

**N2A000278**, CR 018 rev 3 (cat F) on 29.078, source Nokia: *GPRS TCAP dialogues*

Revision of N2A000237

**Conclusion:** Approved

**N2A000251**, CR 096 rev 2 (cat B) on 23.078, source NTT DoCoMo, NEC: *Addition to SDL of user interaction in Waiting\_for\_Instructions\_for\_DS*

Revision of N2A000239 and N2A000172

**Conclusion:** Approved

**N2A000253**, CR 041 rev 4 (cat B) on 23.078, source France Telecom: *Introduction of call gapping*

Revision of document N2A000173

**Discussion:** There was concerns of the criteria. France telecom propose would like to have it mandatory. Nokia had the opinion that there is enough to gap per service key. Lucent and Siemens had no opinion on it and Ericsson had some concern. This is the first contribution in this area it have to be further evolution.. gsmSCF address will be changed to optional and there will be included an extra check if it's a roaming subscriber. The basis for the check will be the gsmSCF address.

**Conclusion:** Revised in N2A000295

**N2A000296**, CR 015 rev 5 on 29.078, source France Telecom, Alcatel: *Introduction of call gapping*

Revision of N2A000254

**Conclusion:** E-mail discussion

**N2A000254**, CR 015 rev 4 on 29.078, source France Telecom, Alcatel: *Introduction of call gapping*

Revised in N2A000142

**Discussion:** Redirecting number will be changed. Renaming of gsmSCFvalue.

**Conclusion:** Revised in N2A000296

**N2A000260**, CR 020 rev 1 (cat C) on 23.008, source NTT COMMWARE: *addition of gsmSCF address list to CSI*

Revised version of N2A000175. Change of content in table 1 and 2.

**Conclusion:** Endorsed by N2A

**N2A000259**, CR 098 rev 1 (cat C) on 23.078, source NTT COMMWARE: *addition of gsmSCF address list to CSI*

Revision of N2A000174

**Conclusion:** Approved

**N2A000265**, CR 043 rev 2 (cat A) on 23.078, source Ericsson, Vodafone Airtouch: *Technical and editorial corrections to Location Services and Any Time Interrogation*

Revised version of N2A000126

**Conclusion:** Approved

**N2A000267**, CR 089 rev 1 (cat F) on 23.078, source NTT DoCoMo: *Correction of Dialed service triggering criteria*

Revision of N2A000104.

**Discussion:** E-mail discussion next week

**Conclusion:** E-mail discussion

**N2A000283**, CR 109 (cat A) on 23.078, source Ericsson: *Enhancement of the SDL for ATM*

Revision of N2A000201

**Conclusion:** Revised in N2A000297

**N2A000297**, CR 109 rev 1 on 23.078, source Ericsson: *Enhancement of the SDL for ATM*

**Conclusion:** Approved

**N2A000262**, CR 101 rev 1 (cat C) on 23.078, source Alcatel: *Correction of SII2 description*

Revision of document N2A000185

**Discussion:** The document has been revised after advice from Ruth Hewson.

**Conclusion:** Approved

**N2A000269**, CR 052 rev 4 (cat F) on 23.078, source NEC: *Addition of description of D-CSI in MO Calls*

Revision of N2A000183

**Conclusion:** Approved

**N2A000238**, CR 042 rev 1 (cat F) on 29.078, source Ericsson: *Correction and Editorial changes, Clauses 2-9*

Revised version of N2A000137

**Discussion:** The check of the ASN1 syntax has to be done next week. And how to use the Object identifier has to be evaluated.

**Conclusion:** Approved

**N2A000257**, CR 102 rev 1 (cat C) on 23.078, source Alcatel: *Clarification on CUG handling*

Revision of N2A000186

**Conclusion:** Approved



**N2A000258**, CR 052 rev 1 (cat C) on 29.078, source Alcatel: *Clarification on CUG handling and syntactical error correction on ASN.1*

Revision of N2A000187

**Conclusion:** Approved

**N2A000281**, CR 108 rev 1 (cat F) on 23.078, source Alcatel: *Correction of GPRS PDP context FSM*

**Discussion:** Revision of the picture is needed. Revised in N2A000298

**Conclusion:** Revised in N2A000298

**N2A000282**, CR 061 rev 3 (cat B) on 23.078, source NTT: *Addition of SCI handling in Waiting for Instructions For DS state*

Revised version of N2A000205

**Conclusion:** Approved

**N2A000252**, source NEC: *LS on In-band user Interaction handling for Dialed Service*

Hiroshi Yamazaki presented the proposed Liaison Statement to SA1 asking them to update the requirements on dialled services in stage1.

**Discussion:** It was no time left for further discussions and the revised version of the LS will be discussed on E-mail.

**Conclusion:** Revised in N2A000299

**N2A000280**, CR 059 rev on 29.078, source NTT Comware: *introduction of 'Service Area Identification (SAI)'*

Toshio Norimatsu presented the document.

**Conclusion:** Approved

## Multcall

**N2A000177**, CR 099 (cat C) on 23.078, source NTT COMMWARE: *definition of CAMEL Busy*

The concept of CAMEL busy will be kept as it is for CAMEL phase 3.

**Conclusion:** Withdrawn

## Call Forwarding Enhancements

**N2A000164**, source Vodafone Airtouch: *Technical Realisation of Long Forwarded-to Numbers*

Nick Russell presented the contribution that describes the working assumptions with the aim to get the WI ready for CN#7.

**Conclusion:** Noted

**N2A000223**, CR 093 rev 1 (cat B) on 23.078, source Vodafone Airtouch: *Addition of Long Forwarded-to Numbers*

There are service requirements from S1 to allow the registration of forwarded-to numbers up to 28 digits long. This requires additional parameters to some messages.

**Discussion:** The working assumption is to enhance the existing information element. The reference to E.164 has to be deleted. ???Any time modification and any time interrogation, subscriber data interrogation has it been done job on this? Impact on charging and therefore the charging specification has to be updated. Information flows has to be updated therefore changes has to be done in MAP.

Flexibility in the lengths is required.

**Conclusion:** Revised in N2A000275

**N2A000166**, CR 049 (cat B) on 29.078, source Vodafone Airtouch: *Addition of Long Forwarded-to Numbers*

**Discussion:** Will be revised in aligned with the stage 2 description.

**Conclusion:** Revised in N2A000276

**N2A000275**, CR 093 rev 2 (cat B) on 23.078, source Vodafone Airtouch: *Addition of Long Forwarded-to Numbers*

The document is a revision of N2A000223

**Conclusion:** Approved

**N2A000276**, CR 049 rev 1 (cat B) on 29.078, source Vodafone Airtouch: *Addition of Long Forwarded-to Numbers*

Revision of N2A000166

**Conclusion:** Approved

**N2A000286**, CR 112 rev 1 (cat D) on 23.078, source Siemens: *Procedure Handle\_SCI\_GPRS and Complete\_FCI\_Record\_GPRS*

Revision of N2A000209

**Conclusion:** Approved

**N2A000178**, CR 100 (cat C) on 23.078, source NTT COMMWARE: *Introduction of 'Service Area Identity (SAI)'*

**Conclusion:** Revised in N2A000200

**N2A000241**, CR 045 rev 1 (cat F) on 29.078, source NTT DoCoMo: *Correction and Editorial changes, Clause 12*

Revised version of N2A000140

**Conclusion:** Approved

**N2A000242**, CR 044 rev 1 (cat F) on 29.078, source Nokia: *Correction and Editorial changes, Clause 11*

Revised version of N2A000139

**Conclusion:** Approved

## Annex A Participants list

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## Annex B Output Documents

### Agreed Liaison Statement

TDoc #	Title	Conclusion
N2A000250	LS to Charging impact due to introduction of CAMEL Phase 3	Agreed

### Approved Change Requests

TDoc #	spec	CR #	Rev	Cat	Title	Conclusion
N2B000283	03.78	A151	1	F	Correction of CF Notification	Approved
N2B000284	03.78	A152	1	A	Correction of CF Notification	Approved
N2A000229	03.78	A153	1	F	Correction on gsmSSF SDL; return to idle after ACR	Approved
N2A000230	03.78	A154	1	A	Correction on gsmSSF SDL; return to idle after ACR	Approved
N2A000114	23.078	034	1	F	Correction to some SDLs in chapter 4	Approved
N2A000117	23.078	038	1	F	Clarification of SS Invocation Notification	Approved
N2A000264	23.078	042	2	A	Technical and editorial corrections to ATSI, ATM, NCSD	Approved
N2A000265	23.078	043	2	A	Technical and editorial corrections to Location Services	Approved
N2A000118	23.078	044	1	A	Technical and editorial corrections to circuit cwitthed call	Approved
N2A000119	23.078	046	1	A	Technical and editorial corrections to GPRS	Approved
N2A000122	23.078	048	1	A	Inclusion of O-CSI trigger criteria in Resume Call	Approved
N2A000268	23.078	051	4	F	Correction of SDL related to CAMEL Phase3 for D-CSI	Approved
N2A000269	23.078	052	4	F	Addition of description of D-CSI in MO Calls	Approved
N2A000277	23.078	056	3	F	GPRS TCAP dialogues	Approved
N2A000059	23.078	059		F	Addition of gsmSRF disconnect handling in CCF SDL	Approved
N2A000282	23.078	061	3	B	Addition of SCI handling in Waiting for Instructions For	Approved
N2A000151	23.078	063	2	F	Clarification of N-CSI in Core NW.	Approved
N2A000294	23.078	064	2	F	Addition of Connected number treatment indicator	Approved
N2A000075	23.078	066		F	Addition of Int_Error in DP_O/T_Answer states	Approved
N2A000077	23.078	068		F	Correction of the decision box after receiving	Approved
N2A000288	23.078	069	1	F	Correction of the description in the creation of a new leg	Approved
N2A000289	23.078	070	1	F	Correction of the description of BCSM relationships	Approved
N2A000080	23.078	071		F	Correction of the direction of Int_Continue after sending	Approved
N2A000082	23.078	073		D	Editorial changes for legs	Approved
N2A000292	23.078	076	2	F	Extension of the description of the O_No_Answer	Approved
N2A000291	23.078	079	1	F	Inclusion of Release transaction in	Approved
N2A000208	23.078	081	1	D	Improved SDLs in GPRS interworking	Approved
N2A000097	23.078	082		F	Correction of the description of the SGSN	Approved
N2A000195	23.078	084	1	D	Correction of references occurring in the SDL figures	Approved
N2A000100	23.078	085		D	Inclusion of CAMEL Phase 1 procedures as targets for	Approved
N2A000101	23.078	086		F	unsuccessful Dps call model	Approved
N2A000144	23.078	090		D	Correction and Editorial changes, Clause 12	Approved
N2B000285	23.078	091	1	A	Correction of CF Notification	Approved
N2A000275	23.078	093	2	B	Addition of Long Forwarded-to Numbers	Approved
N2A000167	23.078	094		F	Removal of Redirection Information from the	Approved
N2A000251	23.078	096	2	B	Addition to SDL of user interaction in	Approved
N2A000259	23.078	098	1	C	addition of gsmSCF address list to CSI	Approved

N2A000200	23.078	100	1	C	Introduction of 'Service Area Identity (SAI)' (revise of	Approved
N2A000262	23.078	101	1	C	Correction of SI12 description	Approved
N2A000257	23.078	102	1	C	Clarification on CUG handling	Approved
N2A000188	23.078	103		C	Replacement of Figure 4.57g: Process gsmSSF (sheet	Approved
N2A000189	23.078	104		C	Correction of "Figure 6.2: GPRS Attach/Detach FSM"	Approved
N2A000190	23.078	105		C	Correction of first state in "Figure 6.14 I: Process	Approved
N2A000272	23.078	106	1	C	Correction of GPRS session description	Approved
N2A000297	23.078	109	1		Enhancement of the SDL for ATM	Approved
N2A000284	23.078	110	1	A	Enhancement of the SDL for NCSD	Approved
N2A000204	23.078	111		D	Removal of PSI description	Approved
N2A000286	23.078	112	1	D	Procedure Handle_SCI_GPRS and	Approved
N2A000231	23.078	114	1	A	Correction on gsmSSF SDL; return to idle after ACR	Approved
N2A000218	23.078	116		A	O-CSI and D-CSI checks for ORLCF	Approved
N2A000285	23.078	119	1	C	Enhancement of the ATSI SDL	Approved
N2A000300	23.078	40	5	C	Correction of SS Invocation Notification for CCBS	Approved
N2A000278	29.078	018	3	F	GPRS TCAP dialogues	Approved
N2A000247	29.078	034	3	F	CCBS & CLI presentat indicators	Approved
N2A000245	29.078	038	2	F	Addition of Connected number treatment indicator	Approved
N2A000238	29.078	042	1	F	Correction and Editorial changes, Clauses 2-9	Approved
N2A000240	29.078	043	1	F	Collective CR on 29.078 chapter 10 Error procedures	Approved
N2A000242	29.078	044	1	F	Correction and Editorial changes, Clause 11	Approved
N2A000241	29.078	045	1	F	Correction and Editorial changes, Clause 12	Approved
N2A000276	29.078	049	1	B	Addition of Long Forwarded-to Numbers	Approved
N2A000258	29.078	052	1	C	Clarification on CUG handling and syntactical error	Approved
N2A000193	29.078	053		C	Correction of GPRS session description	Approved
N2A000287	29.078	056	1	F	Increasing the parameter constants	Approved
N2A000228	29.078	058		F	User Interaction in Monitoring	Approved
N2A000280	29.078	059			introduction of 'Service Area Identification (SAI)'	Approved

### N2B Documents Endorsed by N2A

TDoc #	spec	CR #	Rev	Cat	Title	Conclusion
N2A000203	23.008	024			Adding D-CSI to table with Negotiated CAMEL	Endorsed
N2A000261	23.008	023	1	F	Combined CR on 23.008	Endorsed
N2A000260	23.008	020	1	C	addition of gsmSCF address list to CSI	Endorsed
N2A000219	23.018			F	O-CSI and D-CSI checks for ORLCF	Endorsed
N2A000224	29.002	79	3	C	Correction of SS Invocation Notification for	Endorsed

**Documents for E-mail Discussion**

<b>TDoc #</b>	<b>spec</b>	<b>CR #</b>	<b>Rev</b>	<b>Cat</b>	<b>Title</b>	<b>Conclusion</b>
N2A000299					LS about dialled service	E-mail disc.
N2A000271	22.078			F	User interaction in active state	E-mail disc.
N2A000244	23.018	044		F	Setting the destination address for MO calls	E-mail disc.
N2A000279	23.018	045		F	Correction of CAMEL incoming call handling	E-mail disc.
N2A000255	23.078	037	3	C	Clarification on CUG handling	E-mail disc.
N2A000295	23.078	041	5	B	Introduction of call gapping	E-mail disc.
N2A000293	23.078	062	3	F	Correction of SDL and IF for Dialed Service in	E-mail disc.
N2A000274	23.078	087	3	F	CDPartyNB or CDPartyBCDNB	E-mail disc.
N2A000267	23.078	089	1	F	Correction of Dialed service triggering criteria	E-mail disc.
N2A000298	23.078	108	2	F	Correction of GPRS PDP context FSM	E-mail disc.
N2A000248	23.078	120		D	Transfer of destination address to gsmSCF	E-mail disc.
N2A000266	23.078	121	1	F	Implementation of retriggering in gsmSSF SDL	E-mail disc.
N2A000270	23.078	122	1	F	User Interaction in Monitoring	E-mail disc.
N2A000296	29.078	015	5		Introduction of call gapping	E-mail disc.
N2A000160	29.078	048		C	Transfer of destination address to gsmSCF	E-mail disc.
N2A000256	29.078	057	1	C	Clarification of CUG handling	E-mail disc.

## Annex C List of Documents

TDoc #	spec	CR #	Rev	Cat	Title	Conclusion
N2A000059	23.078	059		F	Addition of gsmSRF disconnect handling in	Approved
N2A000060	23.078	060		F	Correction of gsmSSF SDL in	Rejected (N2A000266)
N2A000075	23.078	066		F	Addition of Int_Error in DP_O/T_Answer states	Approved
N2A000076	23.078	067		F	Addtion of 'Start Tccd' in the procedure	Rejected?
N2A000077	23.078	068		F	Correction of the decision box after receiving	Approved
N2A000078	23.078	069		F	Correction of the description in the creation of a	Revised in N2A000288
N2A000079	23.078	070		F	Correction of the description of BCSM	Revised in N2A000289
N2A000080	23.078	071		F	Correction of the direction of Int_Continue after	Approved
N2A000081	23.078	072		F	Corrections of the process gsmSSF	Noted
N2A000082	23.078	073		D	Editorial changes for legs	Approved
N2A000083	23.078	074		F	Explicit treatment of	Rejected (N2A000255)
N2A000086	23.078	077		F	gsmSSF DP handling in CF	Noted
N2A000087	23.078	078		F	Improvement the GPRS FSMs	Noted
N2A000088	23.078	079		F	Inclusion of Release transaction in	Revised in N2A000290
N2A000095	29.078	040		F	Specifying time unit for 'firstDigitTimeOut' and	Rejected (N2A000137)
N2A000097	23.078	082		F	Correction of the description of the SGSN	Approved
N2A000100	23.078	085		D	Inclusion of CAMEL Phase 1 procedures as	Approved
N2A000101	23.078	086		F	unsuccessful Dps call model	Approved
N2A000103	23.078	088		F	unsuccessful Dps BCSM	Rejected
N2A000104	23.078	089		F	Correction of Dialed service triggering criteria	Revised in N2A000267
N2A000112					open issues in CAMEL phase 3	Revised in N2A000170
N2A000114	23.078	034	1	F	Correction to some SDLs in chapter 4	Approved
N2A000116	23.078	036	1	C	Call Completion Treatment Indicator	Rejected (N2A000262)
N2A000117	23.078	038	1	F	Clarification of SS Invocation Notification	Approved
N2A000118	23.078	044	1	A	Technical and editorial corrections to circuit	Approved
N2A000119	23.078	046	1	A	Technical and editorial corrections to GPRS	Approved
N2A000120	23.078	075	1	F	Evaluation of D-CSI in ORLCF	Rejected
N2A000121	23.078	076	1	F	Extension of the description of the	Revised in N2A000292
N2A000122	23.078	048	1	A	Inclusion of O-CSI trigger criteria in Resume Call	Approved
N2A000123	23.078	062	1	F	Correction of SDL and IF for Dialed Service in	Revised in N2A000243
N2A000124	23.078	037	1	C	Clarification on CUG handling	Revised in N2A000181
N2A000125	23.078	042	1	A	Technical and editorial corrections to ATSI,	Revised in N2A000264
N2A000126	23.078	043	1	A	Technical and editorial corrections to Location	Revised in N2A000265
N2A000127	29.078	041		D	Renumbering the headers for the procedures	Withdrawn
N2A000137	29.078	042		F	Correction and Editorial changes, Clauses 2-9	Rejected (N2A000238)
N2A000138	29.078	043		F	Collective CR on 29.078 chapter 10 Error	Revised in N2A000240
N2A000139	29.078	044		F	Correction and Editorial changes, Clause 11	Revised in N2A000242
N2A000140	29.078	045		F	Correction and Editorial changes, Clause 12	Revised in N2A000241
N2A000142	29.078	015	3		Introduction of call gapping	Revised in N2A000254
N2A000144	23.078	090		D	Correction and Editorial changes, Clause 12	Approved
N2A000151	23.078	063	2	F	Clarification of N-CSI in Core NW.	Approved
N2A000152					Agenda	Agreed
N2A000153					Agenda allocation	Agreed
N2A000154					Meeting report	Agreed

N2A000155	23.078	092		F	Correction of signal in CAMEL_ICH_MSC_INIT	Revised in N2A000243
N2A000156	23.078	051	2	F	Correction of SDL related to CAMEL Phase3 for	Revised in N2A000182
N2A000157	23.078	052	2	F	Addition of description of D-CSI in MO Calls	Revised in N2A000183
N2A000158	23.078	035	2	F	Correction of Translation Information Flag in the	Postponed
N2A000159	23.078	040	2	C	Correction of SS Invocation Notification for	revised in N2A000225
N2A000160	29.078	048		C	Transfer of destination address to gsmSCF	E-mail disc.
N2A000161	23.078	056	1	F	GPRS TCAP dialogues	Revised in N2A000236
N2A000162	29.078	018	1	F	GPRS TCAP dialogues	Revised in N2A000237
N2A000163	29.078	034	2	F	CCBS & CLI presentat indicators	Revised in N2A000247
N2A000164					Technical Realisation of Long Forwarded-to	Noted
N2A000165	23.078	093		B	Addition of Long Forwarded-to Numbers	Revised in N2A000223
N2A000166	29.078	049		B	Addition of Long Forwarded-to Numbers	Revised in N2A000276
N2A000167	23.078	094		F	Removal of Redirection Information from the	Approved
N2A000168	29.078	050		F	Removal of Redirection Information from the	Rejected (N2A000238,
N2A000169	23.078	095		F	Implicit disarming of TDPs	Postponed
N2A000170					CAMEL ph 3 open technical issues #2	Noted
N2A000171	23.078	096		B	Addition to SDL of user interaction in	Revised in N2A000 239
N2A000172	23.078	097		B	Addition to description of SDL related to user	Rejected (N2A000251)
N2A000173	23.078	041	3	B	Introduction of call gapping	Revised in N2A000253
N2A000174	23.078	098		C	addition of gsmSCF address list to CSI	revised in N2A000259
N2A000175	23.008	020		C	addition of gsmSCF address list to CSI	Revised in N2A000260
N2A000176	23.008	021		F	correction on ODB data	Rejected (N2A000261)
N2A000177	23.078	099		C	definition of CAMEL Busy	Withdrawn
N2A000178	23.078	100		C	Introduction of 'Service Area Identity (SAI)'	Revised in N2A000200
N2A000179	23.078	061	1	B	Addition of SCI handling in Waiting for	Revised in N2A000205
N2A000180					Addition of in-band user interaction handling for	Noted
N2A000181	23.078	037	2	C	Clarification on CUG handling	Revised in N2A000255
N2A000182	23.078	051	3	F	Correction of SDL related to CAMEL Phase3 for	Revised in N2A000268
N2A000183	23.078	052	3	F	Addition of description of D-CSI in MO Calls	Revised in N2A000269
N2A000184	29.078	051		C	User Interaction in the monitoring state	Noted
N2A000185	23.078	101		C	Correction of SII2 description	Revised in N2A000262
N2A000186	23.078	102		C	Clarification on CUG handling	Revised in N2A000257
N2A000187	29.078	052		C	Clarification on CUG handling and syntactical	Revised in N2A000258
N2A000188	23.078	103		C	Replacement of Figure 4.57g: Process gsmSSF	Approved
N2A000189	23.078	104		C	Correction of "Figure 6.2: GPRS Attach/Detach	Approved
N2A000190	23.078	105		C	Correction of first state in "Figure 6.14 I: Process	Approved
N2A000191	22.078	-----		C	Correction of GPRS session description	Noted
N2A000192	23.078	106		C	Correction of GPRS session description	Revised in N2A000272
N2A000193	29.078	053		C	Correction of GPRS session description	Approved
N2A000194	29.078	054		C	Syntactical error correction on ASN.1	Rejected (N2A000238)
N2A000195	23.078	084	1	D?	Correction of references occurring in the SDL	Approved
N2A000196	23.008	??		F	Combined CR on 23.008	Revised in N2A000261
N2A000197	23.078	108		F	Correction of GPRS PDP context FSM	Revised in N2A000281
N2A000198	22.078			F	User interaction in active state	Revised in N2000271
N2A000199	23.078	087	1	F	CDPartyNB or CDPartyBCDNB	Revised in N2A000226
N2A000200	23.078	100	1	C	Introduction of 'Service Area Identity (SAI)'	Approved
N2A000201	23.078	109		A	Enhancement of the SDL for ATM	Revised N2A000283
N2A000202	23.078	110		A	Enhancement of the SDL for NCSD	Revised in N2A000284



N2A000203	23.008	024		A	Adding D-CSI to table with Negotiated CAMEL	Endorsed by N2A
N2A000204	23.078	111		D	Removal of PSI description	Approved
N2A000205	23.078	061	2	B	Addition of SCI handling in Waiting for	Revised in N2A000282
N2A000206	22.078			F	Forced release of data transmission by SGSN	Rejected
N2A000207	23.078	064	1	F	Addition of Connected number treatment	Revised in N2A000294
N2A000208	23.078	081	1	D	Improved SDLs in GPRS interworking	Approved
N2A000209	23.078	112		D	Procedure Handle_SCI_GPRS and	Revised in N2A000286
N2A000210	23.078	113		F	Forced release of data transmission by SGSN	Rejected
N2A000211	29.078	038	1	F	Addition of Connected number treatment	Revised in N2A000245
N2A000212	29.078	055		F	Forced release of data transmission by SGSN	Rejected
N2A000213	29.078	056		F	Increasing the parameter constants	Revised in N2A000287
N2A000214	03.78	A153		F	Correction on gsmSSF SDL; return to idle after	Revised in N2A000229
N2A000215	03.78	A154		A	Correction on gsmSSF SDL; return to idle after	Revised in N2A000230
N2A000216	23.078	114		A	Correction on gsmSSF SDL; return to idle after	Revised in N2A000231
N2A000217	23.078	115		A	O-CSI and D-CSI checks for SRI Ack	Rejected (N2A000293)
N2A000218	23.078	116		A	O-CSI and D-CSI checks for ORLCF	Approved
N2A000219	23.018			F	O-CSI and D-CSI checks for ORLCF	Endorsed by N2A
N2A000220	29.078	057	0	C	Clarification of CUG handling	Revised in N2A000256
N2A000221	23.078	117		A	Removal of user interaction in the monitoring	Rejected after the
N2A000222	23.078	118		A	Definition of Continue CAMEL Handling	Revised in N2A000243
N2A000223	23.078	093	1	B	Addition of Long Forwarded-to Numbers	Revised in N2A000275
N2A000224	29.002	79	3	C	Correction of SS Invocation Notification for	Endorsed by N2A
N2A000225	23.078	40	3	C	Correction of SS Invocation Notification for	Revised in N2A000290
N2A000226	23.078	087	2	F	CDPartyNB or CDPartyBCDNB	Revised in N2A000274
N2A000227	23.078	122		F	User Interaction in Monitoring	Revised in N2A000270
N2A000228	29.078	058		F	User Interaction in Monitoring	Approved
N2A000229	03.78	A153	1	F	Correction on gsmSSF SDL; return to idle after	Approved
N2A000230	03.78	A154	1	A	Correction on gsmSSF SDL; return to idle after	Approved
N2A000231	23.078	114	1	A	Correction on gsmSSF SDL; return to idle after	Approved
N2A000232					Charging impact due to introduction of CAMEL	Revised in N2A000250
N2A000233					Work Item Status Sheet for R99 / CAMEL Phase	Noted
N2A000234					Proposed addition to NP-99519 (Work Item	Noted
N2A000235	23.078	119		C	Enhancement of the ATSI SDL	Revised in N2A000285
N2A000236	23.078	056	2	F	GPRS TCAP dialogues	Revised in N2A000277
N2A000237	29.078	018	2	F	GPRS TCAP dialogues	Revised in N2A000278
N2A000238	29.078	042	1	F	Correction and Editorial changes, Clauses 2-9	Approved
N2A000239	23.078	096	1	B	Addition to SDL of user interaction in	Revised in N2A000251
N2A000240	29.078	043	1	F	Collective CR on 29.078 chapter 10 Error	Approved
N2A000241	29.078	045	1	F	Correction and Editorial changes, Clause 12	Approved
N2A000242	29.078	044	1	F	Correction and Editorial changes, Clause 11	Approved
N2A000243	23.078	062	2	F	Correction of SDL and IF for Dialed Service in	Revised in N2A000293
N2A000244	23.018	044		F	Setting the destination address for MO calls	E-mail disc.
N2A000245	29.078	038	2	F	Addition of Connected number treatment	Approved
N2A000246	22.078			F	Correction of Announcement capabilities	Noted
N2A000247	29.078	034	3	F	CCBS & CLI presentat indicators	Approved
N2A000248	23.078	120		D	Transfer of destination address to gsmSCF	E-mail disc.
N2A000249	23.078	121		F	Implementation of retriggering in gsmSSF SDL	Revised in N2A000266
N2A000250					LS to Charging impact due to introduction of	Agreed

N2A000251	23.078	096	2	B	Addition to SDL of user interaction in	Approved
N2A000252					LS about dialled service	Revised in N2A000299
N2A000253	23.078	041	4	B	Introduction of call gapping	Revised in N2A000295
N2A000254	29.078	015	4		Introduction of call gapping	Revised in N2A000296
N2A000255	23.078	037	3	C	Clarification on CUG handling	E-mail disc.
N2A000256	29.078	057	1	C	Clarification of CUG handling	E-mail disc.
N2A000257	23.078	102	1	C	Clarification on CUG handling	Approved
N2A000258	29.078	052	1	C	Clarification on CUG handling and syntactical	Approved
N2A000259	23.078	098	1	C	addition of gsmSCF address list to CSI	Approved
N2A000260	23.008	020	1	C	addition of gsmSCF address list to CSI	Endorsed by N2A
N2A000261	23.008	023	1	F	Combined CR on 23.008	Endorsed by N2A
N2A000262	23.078	101	1	C	Correction of SII2 description	Approved
N2A000263	29.078					Withdrawn
N2A000264	23.078	042	2	A	Technical and editorial corrections to ATSI,	Approved
N2A000265	23.078	043	2	A	Technical and editorial corrections to Location	Approved
N2A000266	23.078	121	1	F	Implementation of retriggering in gsmSSF SDL	E-mail disc.
N2A000267	23.078	089	1	F	Correction of Dialed service triggering criteria	E-mail disc.
N2A000268	23.078	051	4	F	Correction of SDL related to CAMEL Phase3 for	Approved
N2A000269	23.078	052	4	F	Addition of description of D-CSI in MO Calls	Approved
N2A000270	23.078	122	1	F	User Interaction in Monitoring	E-mail disc.
N2A000271	22.078			F	User interaction in active state	E-mail disc.
N2A000272	23.078	106	1	C	Correction of GPRS session description	Approved
N2A000273					Number comparison with respect to CAMEL	Noted
N2A000274	23.078	087	3	F	CDPartyNB or CDPartyBCDNB	E-mail disc.
N2A000275	23.078	093	2	B	Addition of Long Forwarded-to Numbers	Approved
N2A000276	29.078	049	1	B	Addition of Long Forwarded-to Numbers	Approved
N2A000277	23.078	056	3	F	GPRS TCAP dialogues	Approved
N2A000278	29.078	018	3	F	GPRS TCAP dialogues	Approved
N2A000279	23.018	045		F	Correction of CAMEL incoming call handling	E-mail disc.
N2A000280	29.078	059			introduction of 'Service Area Identification (SAI)'	Approved
N2A000281	23.078	108	1	F	Correction of GPRS PDP context FSM	Revised in N2A000298
N2A000282	23.078	061	3	B	Addition of SCI handling in Waiting for	Approved
N2A000283	23.078	109		A	Enhancement of the SDL for ATM	Revised in N2A000297
N2A000284	23.078	110	1	A	Enhancement of the SDL for NCSD	Approved
N2A000285	23.078	119	1	C	Enhancement of the ATSI SDL	Approved
N2A000286	23.078	112	1	D	Procedure Handle_SCI_GPRS and	Approved
N2A000287	29.078	056	1	F	Increasing the parameter constants	Approved
N2A000288	23.078	069	1	F	Correction of the description in the creation of a	Approved
N2A000289	23.078	070	1	F	Correction of the description of BCSM	Approved
N2A000290	23.078	40	4	C	Correction of SS Invocation Notification for	Revised in N2A000300
N2A000291	23.078	079	1	F	Inclusion of Release transaction in	Approved
N2A000292	23.078	076	2	F	Extension of the description of the	Approved
N2A000293	23.078	062	3	F	Correction of SDL and IF for Dialed Service in	E-mail disc.
N2A000294	23.078	064	2	F	Addition of Connected number treatment	Approved
N2A000295	23.078	041	5	B	Introduction of call gapping	E-mail disc.
N2A000296	29.078	015	5		Introduction of call gapping	E-mail disc.
N2A000297	23.078	109	1		Enhancement of the SDL for ATM	Approved
N2A000298	23.078	108	2	F	Correction of GPRS PDP context FSM	E-mail disc.

N2A000299					LS about dialled service	E-mail disc.
N2A000300	23.078	40	5	C	Correction of SS Invocation Notification for	Approved
N2B000164	03.18	A054		F	Correction of CF Notification	Noted
N2B000165	03.18	A058		A	Correction of CF Notification	Noted
N2B000166	23.018	037		A	Correction of CF Notification	Noted
N2B000167	03.79	A024		F	Correction of CF Notification	Noted
N2B000168	03.79	A025		A	Correction of CF Notification	Noted
N2B000169	23.079	009		A	Correction of CF Notification	Noted
N2B000283	03.78	A151	1	F	Correction of CF Notification	Approved
N2B000284	03.78	A152	1	A	Correction of CF Notification	Approved
N2B000285	23.078	091	1	A	Correction of CF Notification	Approved
N2B000327	23.018	038	1	F	Definition of Continue CAMEL Handling	Noted