Draft Report

TSG CN WG2#14
Vienna, Austria

16 October - 20 October 2000

Chairman: Keijo Palviainen (Nokia)

Secretary: (None available from3GPP support team (MCC) during the meeting. Per Johan Jorgensen did the post-meeting work)

Host: Telekom Austria

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/Plenary/TSGN2_14_Vienna/Docs

1 Opening of the meeting and approval of the agenda

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000446	Agenda	CN2 chair						Not available to the server. Revised in N2-000475.	
N2-000475	proposed agenda	CN2 chairman	-	-				Agreed	

2 Allocation of documents to agenda items

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000447	Allocation of documents to agenda items	CN2 chair						Not available to the server. Revised in N2-000476.	
N2-000476	proposed document allocation	CN2 chairman	-	-					

3 Reports

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000502	Seattle CN2#13 meeting report	MCC	-	-	-			Noted	
N2-000448	Report from Seattle	MCC						Not available to the server. Revised in N2-000502.	

4 Input liaison statements

None

5 Work item management & miscellaneous

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusi	Comments

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusi	Comments
N2-000503	3GPP/MCC Work Plan	MCC/3GPP	-	-	-			Noted	- MeXE group shall make the requirement for CAMEL. CN2 has not received any input. The requirement shall be documented into 22.078.- Cn2 lets SA1 to decide the content of CAMEL4 and its timeframe.- We must check whether Rel4 needs a copy of CAMEL3; MCC may produce the copy?
N2-000478	Guideline for making IPR calls	CN2 chairman / 3GPP	-	-				Noted	
N2-000479	Clarification of CR categories	TSG-CN	TEI	21.900	8		2	Noted	
N2-000480	Clarification of CR categories for a frozen 3GPP release	TSG-CN	TEI	21.000	10			Noted	

5.1   SPAN3 issues

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusi	Comments
N2-000513	SPAN3 MSC flows	SPAN3 chair						Withdrawn. Not available to the server.	
N2-000512	SPAN3 MSC flows	SPAN3 chair						Withdrawn. Not available to the server.	
N2-000506	First Draft of ES on IN-ISDN Interworking	Editor of Draft ES/SPAN-120071	CAMEL Phase 3	ES/120071	---		--	Noted	- UUS (chapter 4.7) is not done if early answer, defined by ITU. Not even from B to A party. Then you indicate that UUS is not possible.- SCP knows only the preferred TMR, not always the used. -> SSP controls compatibility of bearers.(Revised version ready in the end of week).

6   CAMEL Phase 3

6.1   Miscellaneous

TDoc #	Title	Source	WI	Spec	CR	Rev	Cat	Conclusion	Comments

N2-000489	Editoral corrections to stage 3	Nokia	CAMEL Phase 3	29.078	124		F	Revised in N2-000515	- Category should be D (editorial) -> corrected- Secton numbering incorrect
N2-000517	CallGap IF correction	Nokia	CAMEL Phase 3	23.078	237		F	Agreed	
N2-000490	Corrections of the stage 3 inconsistences	Nokia	CAMEL Phase 3	29.078	125		F	Revised in N2-000516	- UnknownLegID error is removed also from CAMEL4. Later on it will be reintroduced.- Chapter 10 still has still some hand-off strings. They shall be removed.- Stage 2 Cr is needed to removed display info.
N2-000516	Corrections of the stage 3 inconsistences	Nokia	CAMEL Phase 3	29.078	125	1	F	Agreed. Revision of N2-000490	
N2-000441	3G TS 23.078 (R99) as the output of N2#13	Rapporteur	CAMEL Phase 3					Revised in N2-000443	
N2-000485	Editorial replacement of TCAP by TC	Nokia	CAMEL Phase 3	29.078	123		D	Agreed	- Automatically approved w/o presentationalso to CAMEL4 Stage 3. The first draft is published after this meeting.
N2-000550	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	228	3	F	Agreed. Revision of N2-000514	
N2-000514	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	228	2	F	Revision of N2-000486. Revised in N2-000550	- Either or structure needs improvement.- Pointer in the SDL is missing a "r".
N2-000518	CAMEL3 ASN.1 reserved word "ms" replacement by "mobile"	Nokia	CAMEL Phase 3	29.078	127	1	F	Agreed	
N2-000486	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	228	1	F	Revision of N2-000457. Revised in N2-000514.	- This requires SDL changes.- Ericsson states that responces do not fit into SCCP message – White book SCCP is needed.- Alcatel (Christina) is asking why the change is needed.- Lucent is also concerned about the proposed chane.- ATMresp has a choice of CB/CF.- BT supports this for efficiency.- Decision:-ATSI has multiple elements, ATM one
N2-000443	3G TS 23.078 (R99) as the output of N2#13	Rapporteur	CAMEL Phase 3					Noted	R99 23.078 is already on the server

TDoc #	Title	Source	WI	Spec	CR	R	C	Conclusi	Comments
N2-000510	CAMEL3 ASN.1 reserved word "ms" replacement by "mobile"	Nokia	CAMEL Phase 3	29.078	127		F	Revised in N2-000518	"mobile" -> "mobileStation"
N2-000457	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	228		F	Withdrawn - replaced by N2-000486	
N2-000515	Editoral corrections to stage 3	Nokia	CAMEL Phase 3	29.078	124	1	D	Agreed. Revision of N2-000489	

6.2   GPRS

TDoc #	Title	Source	WI	Spec	CR	R	C	Conclusi	Comments
N2-000553	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	233	3	F	Agreed. Revision of N2-000548	
N2-000548	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	233	2	F	Revision of N2-000526. Revised	The order of chapters shall be according to the Sumio's comments
N2-000526	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	233	1	F	Revision of N2-000488. Revised	
N2-000552	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	232	4	F	Postponed. Revision of N2-	
N2-000466	Specifying timer range values	Ericsson	CAMEL Phase 3	23.078	230		F	Revised in N2-000523	- According to Rogier, the timer values will be set based on testing with roaming partners.- Tguard timer will be renamed.
N2-000523	Specifying timer range values	Ericsson	CAMEL Phase 3	23.078	230	1	F	Agreed. Revision of N2-000466	
N2-000511	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	232	1	F	Revision of N2-000487. Revised to N2-000534.	- do not use word "call" for GPRS-word potential shall be removed-6.2.1: some of the story is explained already.
N2-000462	Clarification on GPRS 'guard timer'	Alcatel	CAMEL Phase 3	23.078	229		F	Revised in N2-000520.	The note may not be needed since there is another note in section 6.5.3.8.2.1.
N2-000551	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	29.078	122	2	F	Agreed. Revision of N2-000524.	

N2-000524	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	29.078	122	1	F	Revision of N2-000484. Revised	Replace omit -> ignore-Move informal comment to the end
N2-000519	Correction to CAP3 GPRS-cause	Nokia	CAMEL Phase 3	29.078	121	1	F	Agreed	
N2-000525	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	23.078	238		F	Agreed.	Stage 2 correspondent of 524.
N2-000520	Clarification on GPRS 'guard timer'	Alcatel	CAMEL Phase 3	23.078	229	1	F	Agreed. Revision of N2-000462	
N2-000459	Correction of Cause and GPRSCause	Siemens	CAMEL Phase 3	29.078	119		F	Agreed	
N2-000456	GPRS_SSF to handle multiple operations on one TC message	Siemens	CAMEL Phase 3	23.078	227		F	Rejected	-currently no input in active state for gprsSSF operation . -Multiple DPs to report -> TC dialogue should be maintained.- Last component; The TC dialogue should not be closed if SCP sends CAP operations in separate TC components.- According to Rogier current stage 2 is clear.
N2-000537	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	232	3	F	Revision of N2-000534. Revised to N2-	- "instance of state model" comment was not incorporated.- There is not TC sub-dialogues.
N2-000534	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	232	2	F	Revision of N2-000511. Revised	
N2-000508	"ElapsedTime" ASN.1 Type Correction (in ACR-GPRS)	Rapporteur	CAMEL Phase 3	29.078	126		F	Agreed	
N2-000509	Correction on error implementing a CR 23.078-194r3	Rapporteur	CAMEL Phase 3	23.078	236		F	Agreed	- PDPc establishment can not be armed non-generically.- For efficiency changeofPosition EDPs are not disarmed.
N2-000483	Correction to CAP3 GPRS-cause	Nokia	CAMEL Phase 3	29.078	121		F	Revised in N2-000519	- Remove reason code "No credit".- It is a open point what is sent to GGSN when SCP releases.- "Network failure" GMM or SM cause shall be sent to MS.
N2-000484	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	29.078	122		F	Revised in N2-000524	- Nokia, Lucent and Siemens want to freeze GPRS CAP3 ASN.- Stage 2 needs to be updated as well.- Remove duplicate description of RAidentity from comments. Also RoutingAreaCode must be removed from ASN comments.

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000487	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	232		F	Revised in N2-000511	
N2-000488	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	233		F	Revised in N2-000526	Some reorganization will be done
N2-000501	Correction on error implementing a CR 23.078-159r1	Rapporteur	CAMEL Phase 3	23.078	235		F	Agreed	

6.3   SMS

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000467	Correction to 'Initial DP SMS' Information Flow	Ericsson	CAMEL Phase 3	23.078	231		F	Agreed	

6.4   Call Related

TDoc #	Title	Source	WI	Spec	CR	R	Cat	Conclusion	Comments
N2-000452	Clarification for the relationship for DPs	Siemens	CAMEL Phase 3	23.078	223		F	Revised in N2-000528.	
N2-000453	Clarification for the CUG data in Initial DP	Siemens	CAMEL Phase 3	23.078	224		F	Revised in N2-000529.	O-CSI part is missing the IAM part of the story.
N2-000454	Correction on the SDL CAMEL_Store_Destination_Address	Siemens	CAMEL Phase 3	23.078	225		F	Revised in N2-000530.	The box in right upper corner shall be deleted
N2-000455	Correction on the SDL gsmSSF	Siemens	CAMEL Phase 3	23.078	226		F	Agreed	
N2-000451	Corrections in clauses 3 and 4	Siemens	CAMEL Phase 3	23.078	222		F	Revised in N2-000527.	GsmSSF shall send the error, not the gsmSCF. Replace "who" by gsmSSF
N2-000450	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	221		F	Revised in N2-000544.	
N2-000458	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	118		F	Revised in N2-000549.	

N2-000482	GsmSSF state transition in the case of Abandon/Disconnect is armed as an EDP-N, or when they are	Nokia	CAMEL Phase 3	23.078	244		F	Agreed	- in section 4.4.4. / 4.2.1.1: All DPs may be disarmed already.- Reasoning #1: After Abandon not possible to meet Busy. Implicit disarming story is wrong.
N2-000460	Clarification for the CUG data in InitialDP	Siemens	CAMEL Phase 3	29.078	120		F	Withdrawn. Not available to the server.	
N2-000556	Clarification for the CUG data in Initial DP	Siemens	CAMEL Phase 3	23.078	224	2	F	Agreed. Revision of N2-000529	
N2-000530	Correction on the SDL CAMEL_Store_Destination_Address	Siemens	CAMEL Phase 3	23.078	225	1	F	Agreed. Revision of N2-000454	
N2-000555	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	118	2	F	Revision of N2-000549. Revised in N2-000559	Wording improved
N2-000528	Clarification for the relationship for DPs	Siemens	CAMEL Phase 3	23.078	223	1	F	Agreed. Revision of N2-000452.	
N2-000544	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	221	1	F	Revision of N2-000450. Revised to N2-000554.	
N2-000554	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	221	2	F	Revision of N2-000544. Revised to N2-000558.	
N2-000549	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	118	1	F	Revision of N2-000458. Revised in N2-000555	Text shall be a bulleted list.
N2-000527	Corrections in clauses 3 and 4	Siemens	CAMEL Phase 3	23.078	222	1	F	Agreed. Revision of N2-000451.	
N2-000529	Clarification for the CUG data in Initial DP	Siemens	CAMEL Phase 3	23.078	224	1	F	Revision of N2-000453. Revised in N2-000556.	
N2-000449	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.018			F	Withdrawn	- Why RouteNotPermitted is in VMSC T-BCSM, since ObtainRouteingAddress is in GMSC only.- RoutePermitted is
N2-000559	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	118	3	F	Agreed	
N2-000558	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	221	3	F	Agreed. Revision of N2-000554	

6.5 Late arrivals

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000470	Clarification for Any Time Modification	Ericsson	CAMEL Phase 3	23.078			D	Withdrawn. Not available to the server.	
N2-000468	Defining permissable operations for Dialled Services	Ericsson	CAMEL Phase 3	23.078			D	Withdrawn. Not available to the server.	
N2-000469	Defining permissable operations for Dialled Services	Ericsson	CAMEL Phase 3	29.078			D	Withdrawn. Not available to the server.	

7 CAMEL Phase 4

7.1 Review of CAMEL phase 4 Stage 1 draft

TDoc #	Title	Source	WI	Spec	CR #	Rev	C	Conclusi	Comments
N2-000505	Status of CAMEL Phase 4 Stage 1	Lucent Technologies	CAMEL Phase 4					Noted. Not available to the server.	- The Stage 1 CRs for CAMEL4 should be done against R99 version. If the CR affects to an already approved CR, it's open. Michel Grech will clarify the issues on S1_CAMEL e-mail list.-For the next CN2 meeting, an unofficial editor's draft would help.

7.2 Miscellaneous CAMEL phase 4 issues

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000442	3G TS 23.078 (R00) as the output of N2#13	Rapporteur	CAMEL Phase 4					Revised in N2-000444	
N2-000444	3G TS 23.078 (R00) as the output of N2#13 (revised)	Rapporteur	CAMEL Phase 4					Revised in N2-000461	
N2-000445	Draft version of 3G TS 29.078 V X.0.0 (R'00)	Ericsson	CAMEL Phase 4					Noted	Only cover page. Draft available for CN#15
N2-000461	Draft 23.078 Vx.2.3	Rapporteur	CAMEL Phase 4	23.078				Agreed	
N2-000494	Introduction of CAMEL Phase 4	Vodafone	CAMEL Phase 4	23.018			C	Noted	- Ruth will check whether O-BCSM has an unfortunate procedure call of T-

N2-000384	SDL cleanup	Siemens	CAMEL Phase 4	23.078			D	Agreed	postponed from N2#13

7.3 Optimum routeing

None

7.4 Call Party Handling

TD	Title	Sour	WI	Spe	CR	Rev	C	Conclu	Comments
N2-000463	Proposal for CAMEL CSE initiated new Calls	Alcatel	CAMEL Phase 4	23.078	---		--	Noted	- Alcatel prefers more SRI option, i.e. MSRN query by the SCP.- Vodafone is asking how the T-CSI can be suppressed.- Calls to PSTN? Not a Vodafone requirement.- Vodafone wants to suppress subsequent SCP invocations, they are not concerned whether it is a O/T-BCSM that is created by ICA.- No decision whether we reuse existing SRI, or a new MAP operation.- If there are comments on maximum number of call segments, that shall be commented to Ruth.- Alcatel does not want restrictions on call segments; so that only CS#1 would have more than one party; this in their understanding creates special handling for call segments. Ericsson supports the restriction proposed by Vodafone. And Nokia supports the restriction.- Working assumptions:- SCP can query MSRN via HLR.- ICA containing MSRN can be sent to either VMSC or any MSC in the HPLMN.- The SCP can send MSISDN either to HPLMN MSC, or to any VPLMN supporting CAMEL phase 4.- A PSTN telephone number can be sent to a HPLMN MSC, or any VPLMN supporting CAMEL phase 4 (this concerns only to calls out-of-the-blue).- ICA will create an O-BSCM in all cases, and CN2 shall define a mechanism to allow SCP to suppress subsequent CAMEL invocations.- The ICA operations shall be used to create new call legs, and the Connect operation shall not be used to create new call legs. The existing CAMEL phase 2 functionality to follow-on calls is naturally supported.- CN2 shall avoid having overlapping parameters in ICA and CWA.
N2-000464	Introduction of gsmSCF initiated new calls	Alcatel	CAMEL Phase 4	23.078	---		B	Noted	- We could have two columns in information flows.- CSA is not needed.- O-CSI applicable parameter may not be relevant for ICA calls.- The SDL modeling needs refinement.- Working assumption: ICA/CPH shall be applicable only to speech calls.- The issue of VLR subscription check is left open. The service requirement is open.- Revised to the next meeting

TD	Title	Source	WI	Spec	CR	R	Cat	Conclusio	Comments
N2-000495	Call Party Handling	Vodafone	CAMEL Phase 4					Noted	- This tdoc is reflection of 493 using Stage 2 terminology.- Proposal is to support at least 6 parties, then an error shall be returned to the gsmSCF if no more parties are supported by the gsmSSF.- 6 parties include SRF (UI), all vendors responded with the same figures.- Vodafone wants to suppress some CAMEL service invocations to save money.- SplitLeg is limited to the source CS #1.- "Group" here means "Call Segment (CS)".- HLR could include VMSC supported CAMEL phases into enquiry response according to Ruth.
N2-000493	Introduction of Call Party Handling	Vodafone / Mannesma	CAMEL Phase 4	22.078			B	Noted	
N2-000491	BCSM corrections	Nokia	CAMEL Phase 4	23.078			F	Revised in N2-000536	
N2-000507	Proposed typical CPH interworking scenarios	Ericsson	CAMEL Phase 4	ES/120071	---		---	Noted	
N2-000536	BCSM corrections	Nokia	CAMEL Phase 4	23.078			F	Agreed. Revised in	

7.5   IP Telephony

None

7.6   MT-SMS

TD	Title	Source	WI	Spec	CR	R	Cat	Conclusio	Comments
N2-000541	Introduction of CAMEL4 MT SMS to MAP	Nokia	CAMEL Phase 4	29.002			B	Endorced. Revision of N2-000481	- Endorced by CN2, sent to CN4 for comments. CN4 shall sent this back to the CN2 without incorporation, since CN2 will make a collective CR against MAP for CAMEL4
N2-000481	Introduction of MT SMS CAMEL4 to MAP	Nokia	CAMEL Phase 4	29.002			B	Revised in N2-000541	- Remove note about real bullets.- Change the SDLs on page 18 and 30; WF_MORE_MESSAGES and WF_SM_CONFIRM shall have different handling- Page 16: "No" shall be moved out from signal; the right most branch.- Make clear to CN4 that they need to send this back to us, we will make a collective CR- 17.7.1, an extra comma- RequestedCAMEL-SubscriptionInfo: Enumerated is not extentable. Ellipsis? Could be changed for R99 as well? Choices are:- R99 has ellipsis, Rel5 has ellipsis and MT-SMS-CSI- Upgrade MAP ATSI/ATM application context version

TDoc #	Title	Source	WI	Spec	CR	R	C	Conclusion	Comments
N2-000540	Introduction of CAMEL control of MT-SMS in 29.078	Ericsson	CAMEL Phase 4	29.078			B	Agreed. Revision of N2-000472	
N2-000472	Introduction of CAMEL control of MT-SMS in 29.078	Ericsson	CAMEL Phase 4	29.078			B	Revised in N2-000540	- GPRS application context version 4 may have to be removed from 29.078 if no service requirements show up. Decided later on.- In chapter 7.2.1 CAP4 AC should be either imported or defined.- Some minor changes shall be done- MT-SMSCause shall have reference how to encode. (Octet string).
N2-000539	Introduction of MT-SMS	Ericsson	CAMEL Phase 4	23.078			B	Agreed. Revision of N2-000471	The corresponding CAMEL3 CR will be delivered to the next meeting
N2-000471	Introduction of MT-SMS	Ericsson	CAMEL Phase 4	23.078			B	Revised in N2-000539	- dash used to be "not applicable".- TP Short Message Specific Information - Description of M/C/- should be explained only once per section. The condition shall be in the table directly as it was done in 23.018.- Steffen (T-Mobil) proposed that SMSC address could be changed by SCP also in MT SMS case. This would require a Stage 1 change.- The error code mapping must be defined in future meetings.

7.7 Other call related issues

TDoc #	Title	Source	WI	Spec	CR	R	C	Conclusion	Comments
N2-000504	Introduction of mid call event	Lucent Technologies	CAMEL Phase 4	23.078			B	Revised in N2-000538	- DTMF MidCall is possible only in VMSC, not for forwarded call.- For T-BCSM disarming table leg1 should be leg2.- MidCall DP shall be met also in alerting phase of the call because of CPH.- What shall happen if DTMF during user interaction?
N2-000557	Introduction of mid call event	Lucent Technologies	CAMEL Phase 4	23.078			B	Agreed Revision of N2-000538.	
N2-000538	Introduction of mid call event	Lucent Technologies	CAMEL Phase 4	23.078			B	Revision of N2-000504. Revised to N2-000557	In the t_alerting phase MidCall sentence shall be deleted.
N2-000492	Implicit disarming rules	Nokia	CAMEL Phase 4	23.078			C	Agreed	

7.8 Announcement

TDoc #	Title	Source	WI	Spec	CR	R	C	Conclusion	Comments

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000522	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	29.078			C	Revision of N2-000497. Revised to N2-000543	- ASN tagging needs to be checked.- P&C needs be changed to be a linked operation
N2-000542	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	23.078			C	Revision of N2-000521. Put for e-mail approval. Deadline for	
N2-000497	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	29.078			C	Revised in N2-000522	
N2-000543	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	29.078			C	Revision of N2-000522. Put for e-mail approval. Deadline for	
N2-000521	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	23.078			C	Revision of N2-000496. Revised to N2-000542	- P&C: SSP waits for "first digit time-out", is this announcement complete reported immediately?- Wording needs improved.- What shall be done for Stage 1?- Ruth will remove announcement completed parameter for time beeing.
N2-000496	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	23.078			C	Revised in N2-000521	- Announcement start is reported for the first one. (Ruth)- Announcement end is reported for the very last one. (Ruth)- Connect has an operation timer of 10s, PlayAnnouncement has up to 30min timer.- PA is linked operation, P&C is not.

7.9 Late arrivals

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000473	Answer-time in Answer EDP information	Ericsson	CAMEL Phase 4	23.078			B	Withdrawn. Not available to the server.	
N2-000474	Answer-time in Answer EDP information	Ericsson	CAMEL Phase 4	29.078			B	Withdrawn. Not available to the server.	
N2-000465	Introduction of Call Party Handling Modelling and Information Flows	Alcatel	CAMEL Phase 4	23.078	---		B	Withdrawn. Not available to the server.	

8 Maintenance of earlier CAMEL phases

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000498	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	A159		F	Revised in N2-000531	- If FTN comes in 1st SRI-ack, then we should no send the CF notification to SCP, and Siemens CR removes that problem. CAMEL3 issue is more complicated

N2-000499	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	A160		A	Revised in N2-000532	
N2-000531	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	A159	1	F	Revision of N2-000498. Revised to N2-000545	- Work item should be "CAMEL phase 2" on the cover page.-We want to avoid CF notification if the FTN was received in the first SRI. In that case the IDP has a flag.- Decision box should have similar logic than in CAMEL3
N2-000545	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	A159	2	F	Postponed. Revision of N2-000531.	
N2-000532	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	A160	1	A	Revision of N2-000499. Revised to N2-000546	
N2-000546	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	A160	2	A	Postponed. Revision of N2-000532.	
N2-000533	Correction on CF notification	Siemens	CAMEL Phase 3	23.078	234	1	A	Revision of N2-000500. Revised to N2-000547	- connector #1 is missing.- Working assumptions made by CN2:- In CFU case no re-triggering after DP12. In all other CF cases DP T_Busy would be reported as a TDP (IDP).- CFNRc in first SRI-ack? No EDP, but TDP notification shall be possible. -> SDLs shall reflect this fact.- If FTN (any CF type) in 2nd query the EDP or TDP reporting is possible.
N2-000547	Correction on CF notification	Siemens	CAMEL Phase 3	23.078	234	2	A	Postponed. Revision of N2-000533.	This may be revised. Sumio shall use the correct CR number, if tdoc is revised.
N2-000500	Correction on CF notification	Siemens	CAMEL Phase 3	23.078	234		A	Revised in N2-000533	- GsmSSF would trigger twice: DP12 + T_Busy sometimes, if dialogue is closed in DP12.-Nokia wants to open a new dialogue if earlier dialogue is closed already. "gsmSSF invoked" decision box is a bit vague.
N2-000535	ACR Problem in CAMEL Phase 2 and Phase 3	T-Mobil	CAMEL Phase 2 and Phase 3					Noted	- SCP may have to use logic to find out whether Tsw expired or not in CAMEL2.- A stage 1 change may be needed.- Vendors are asked to inform Steffen about their views.

9   Meeting calender

Meeting schedule for 2001

3GPP Meeting	Date	Place	Host

TSG#10	6-13 December 2000	Bangkok, Thailand	
N2#16	15-19 January 2001	Melbourne, Australia	Ericsson, Australia
N2#17	26 February -2 March 2001	T.B.D	T.B.D
TSG#11	14-22 March 2001	USA	T1 companies
N2#18	14-18 May 2001	USA	
TSG#12	13-21 June 2001	Stockholm, Sweden	Ericsson
N2#19	09-13 July 2001	Dusseldorf, Germany	Mannesmann
TSG#13	26 Sep – 4 Oct 2001	Beijing, China	Lucent Technologies, CWTS
N2#20	15-19 October 2001	UK	Vodafone, BT
N2#21	26-30 November 2001	T.B.D	T.B.D
TSG#14	12-20 December 2001	T.B.D	T.B.D

TDoc #	Title	Source	WI	Spec	CR #	Rev	Cat	Conclusion	Comments
N2-000477	CN2 meeting calendar for year 2001	CN2 chairman	-	-				Noted	

10 A.O.B.

11 Closing of the meeting **(Friday)**

Annex A Participants list

DELEGATE	COMPANY	PHONE	EMAIL
Mr Steven Frew	Pacific Bell Wireless	+1 512 372 5206	sfrew@tri.sbc.com
Mr Paul Guram	Motorola Ltd	+44 1293 401628	Lpg019@email.mot.com
Mr. Michel Grech	Lucent Technologies N. S. UK	+44 1793 736 110	grech@lucent.com
Mr. Steffen Habermann	Deutsche Telekom MobilNet	+49 228 936 3324	steffen.habermann@t-mobil.de
Mr. Christian Homann	ALCATEL SEL AG	+49 711 821 45632	c.homann@alcatel.de
Ms. Jane D Humphrey	MARCONI COMMUNICATIONS	+44 1202 853757	jane.humphrey@marconi.com
Mr. Albert Kain	SIEMENS AG	+43 5 1707 21319	albert.kain@siemens.at
Ms.Isabelle Lantelme	Alcatel	+33 1 30 770133	isabelle.lantelme@alcatel.fr
Mr. Sumio Miyagawa	SIEMENS KK	+81 3 5423 6745	miyagawa@twics.com
Mr. Mika Naula	SONERA Corporation	+358 2040 71253	mika.naula@sonera.com
Mr Rogier Noldus	Ericsson	+31 161 24 9400	rogier.noldus@eln.ericsson.se **(note: new e-mail address)**
Mr. Keijo Palviainen	NOKIA Corporation	+358 9 511 69669	keijo.palviainen@nokia.com
~~Mr. Ian Park~~	~~Vodafone Limited~~	~~+44 1635 673 527~~	~~ian.park@vf.vodafone.co.uk~~
Mr. David G. Smith	BT	+44 1473 605441	david.g.smith@bt.com
Mr. Vesa Tiainen	NOKIA Corporation	+358 95116 9712	vesa.tiainen@nokia.com
Ms. Kala Visvanathan	Lucent Technologies N. S. UK	+44 1793 883137	Kala@lucent.com
Ms. Ruth Hewson	Vodafone	+44 1635 673148	ruth.hewson@vf.vodafone.co.uk

Annex B Output Documents

Agreed Change Requests for CAMEL Phase 3

TDoc #	Title	Source	WI	Spec	Versi	CR #	Rev	Cat	Rel	Conclusion
N2-000558	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	3.6.0	221	3	F		Agreed. Revision of N2-000554.
N2-000527	Corrections in clauses 3 and 4	Siemens	CAMEL Phase 3	23.078	3.6.0	222	1	F		Agreed. Revision of N2-000451.
N2-000528	Clarification for the relationship for DPs	Siemens	CAMEL Phase 3	23.078	3.6.0	223	1	F		Agreed. Revision of N2-000452.
N2-000556	Clarification for the CUG data in Initial DP	Siemens	CAMEL Phase 3	23.078	3.6.0	224	2	F		Agreed. Revision of N2-000529
N2-000530	Correction on the SDL CAMEL_Store_Destination_Address	Siemens	CAMEL Phase 3	23.078	3.6.0	225	1	F		Agreed. Revision of N2-000454
N2-000455	Correction on the SDL gsmSSF	Siemens	CAMEL Phase 3	23.078	3.6.0	226		F		Agreed

TDoc #	Title	Source	WI	Spec	Versi	CR #	Rev	Cat	Rel	Conclusion
N2-000550	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	3.6.0	228	3	F		Agreed. Revision of N2-000514
N2-000520	Clarification on GPRS 'guard timer'	Alcatel	CAMEL Phase 3	23.078	3.6.0	229	1	F		Agreed. Revision of N2-000462
N2-000523	Specifying timer range values	Ericsson	CAMEL Phase 3	23.078	3.6.0	230	1	F		Agreed. Revision of N2-000466
N2-000467	Correction to 'Initial DP SMS' Information Flow	Ericsson	CAMEL Phase 3	23.078	3.6.0	231		F		Agreed
N2-000553	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	3.6.0	233	3	F		Agreed. Revision of N2-000548
N2-000501	Correction on error implementing a CR 23.078-159r1	Rapporteur	CAMEL Phase 3	23.078	3.6.0	235		F		Agreed
N2-000509	Correction on error implementing a CR 23.078-194r3	Rapporteur	CAMEL Phase 3	23.078	3.6.0	236		F		Agreed
N2-000517	CallGap IF correction	Nokia	CAMEL Phase 3	23.078	3.6.0	237		F		Agreed
N2-000525	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	23.078	3.6.0	238		F		Agreed.
N2-000482	GsmSSF state transition in the case of Abandon/Disconnect is armed as an EDP-N, or when they are not armed	Nokia	CAMEL Phase 3	23.078	3.6.0	244		F		Agreed
TDoc #	**Title**	**Source**	**WI**	**Spec**	**Versi**	**CR #**	**Rev**	**Cat**	**Rel**	**Conclusion**
N2-000559	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	3.5.0	118	3	F		Agreed
N2-000459	Correction of Cause and GPRSCause	Siemens	CAMEL Phase 3	29.078	3.5.0	119		F		Agreed

N2-000519	Correction to CAP3 GPRS-cause	Nokia	CAMEL Phase 3	29.078	3.5.0	121	1	F		Agreed
N2-000551	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	29.078	3.5.0	122	2	F		Agreed. Revision of N2-000524.
N2-000485	Editorial replacement of TCAP by TC	Nokia	CAMEL Phase 3	29.078	3.5.0	123		D		Agreed
N2-000515	Editoral corrections to stage 3	Nokia	CAMEL Phase 3	29.078	3.5.0	124	1	D		Agreed. Revision of N2-000489
N2-000516	Corrections of the stage 3 inconsistences	Nokia	CAMEL Phase 3	29.078	3.5.0	125	1	F		Agreed. Revision of N2-000490
N2-000508	"ElapsedTime" ASN.1 Type Correction (in ACR-GPRS)	Rapporteur	CAMEL Phase 3	29.078	3.5.0	126		F		Agreed
N2-000518	CAMEL3 ASN.1 reserved word "ms" replacement by "mobile"	Nokia	CAMEL Phase 3	29.078	3.5.0	127	1	F		Agreed

CRs for e-mail agreement

TDoc #	Title	Source	WI	Spec	Versi	CR #	Rev	Cat	Rel	Conclusion
N2-000542	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	23.078	X.2.3			C		Revision of N2-000521. Put for e-mail approval. Deadline for rejection Friday 27 Oct 6pm CET.
N2-000543	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	29.078	3.5.0			C		Revision of N2-000522. Put for e-mail approval. Deadline for rejection Friday 27 Oct 6pm CET.

N4 Documents Endorsed by N2

TDoc #	Title	Source	WI	Spec	Versi	CR #	Rev	Cat	Rel	Conclusion
N2-000541	Introduction of CAMEL4 MT SMS to MAP	Nokia	CAMEL Phase 4	29.002	3.5.2			B		Endorsed. Revision of N2-000481

Approved Liaison Statement

None

Annex C List of Documents

TDoc #	Title	Source	WI	Spec	Versi	CR #	Rev	Cat	Rel	Conclusion
N2-000384	SDL cleanup	Siemens	CAMEL Phase 4	23.078				D		Agreed
N2-000441	3G TS 23.078 (R99) as the output of N2#13	Rapporteur	CAMEL Phase 3							Revised in N2-000443
N2-000442	3G TS 23.078 (R00) as the output of N2#13	Rapporteur	CAMEL Phase 4							Revised in N2-000444
N2-000443	3G TS 23.078 (R99) as the output of N2#13	Rapporteur	CAMEL Phase 3							Noted
N2-000444	3G TS 23.078 (R00) as the output of N2#13 (revised)	Rapporteur	CAMEL Phase 4							Revised in N2-000461
N2-000445	Draft version of 3G TS 29.078 V X.0.0 (R'00)	Ericsson	CAMEL Phase 4							Noted
N2-000446	Agenda	CN2 chair								Not available to the server. Revised in N2-000475.
N2-000447	Allocation of documents to agenda items	CN2 chair								Not available to the server. Revised in N2-000476.

N2-000448	Report from Seattle	MCC								Not available to the server. Revised in N2-000502.
N2-000449	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.018	3.6.0			F		Withdrawn
N2-000450	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	3.6.0	221		F		Revised in N2-000544.
N2-000451	Corrections in clauses 3 and 4	Siemens	CAMEL Phase 3	23.078	3.6.0	222		F		Revised in N2-000527.
N2-000452	Clarification for the relationship for DPs	Siemens	CAMEL Phase 3	23.078	3.6.0	223		F		Revised in N2-000528.
N2-000453	Clarification for the CUG data in Initial DP	Siemens	CAMEL Phase 3	23.078	3.6.0	224		F		Revised in N2-000529.
N2-000454	Correction on the SDL CAMEL_Store_Destination _Address	Siemens	CAMEL Phase 3	23.078	3.6.0	225		F		Revised in N2-000530.
N2-000455	Correction on the SDL gsmSSF	Siemens	CAMEL Phase 3	23.078	3.6.0	226		F		Agreed
N2-000456	GPRS_SSF to handle multiple operations on one TC message	Siemens	CAMEL Phase 3	23.078	3.6.0	227		F		Rejected
N2-000457	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	3.6.0	228		F		Withdrawn - replaced by N2-000486
N2-000458	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	3.5.0	118		F		Revised in N2-000549.
N2-000459	Correction of Cause and GPRSCause	Siemens	CAMEL Phase 3	29.078	3.5.0	119		F		Agreed

N2-000460	Clarification for the CUG data in InitialDP	Siemens	CAMEL Phase 3	29.078	3.5.0	120		F		Withdrawn. Not available to the server.
N2-000461	Draft 23.078 Vx.2.3	Rapporteur	CAMEL Phase 4	23.078						Agreed
N2-000462	Clarification on GPRS 'guard timer'	Alcatel	CAMEL Phase 3	23.078	3.6.0	229		F		Revised in N2-000520.
N2-000463	Proposal for CAMEL CSE initiated new Calls	Alcatel	CAMEL Phase 4	23.078	X.2.2	---		--		Noted
N2-000464	Introduction of gsmSCF initiated new calls	Alcatel	CAMEL Phase 4	23.078	X.2.2	---		B		Noted
N2-000465	Introduction of Call Party Handling Modelling and Information Flows	Alcatel	CAMEL Phase 4	23.078	X.2.2	---		B		Withdrawn. Not available to the server.
N2-000466	Specifying timer range values	Ericsson	CAMEL Phase 3	23.078	3.6.0	230		F		Revised in N2-000523
N2-000467	Correction to 'Initial DP SMS' Information Flow	Ericsson	CAMEL Phase 3	23.078	3.6.0	231		F		Agreed
N2-000468	Defining permissable operations for Dialled Services	Ericsson	CAMEL Phase 3	23.078	3.6.0			D		Withdrawn. Not available to the server.
N2-000469	Defining permissable operations for Dialled Services	Ericsson	CAMEL Phase 3	29.078	3.5.0			D		Withdrawn. Not available to the server.
N2-000470	Clarification for Any Time Modification	Ericsson	CAMEL Phase 3	23.078	3.5.0			D		Withdrawn. Not available to the server.
N2-000471	Introduction of MT-SMS	Ericsson	CAMEL Phase 4	23.078				B		Revised in N2-000539

N2-000472	Introduction of CAMEL control of MT-SMS in 29.078	Ericsson	CAMEL Phase 4	29.078				B		Revised in N2-000540
N2-000473	Answer-time in Answer EDP information	Ericsson	CAMEL Phase 4	23.078				B		Withdrawn. Not available to the server.
N2-000474	Answer-time in Answer EDP information	Ericsson	CAMEL Phase 4	29.078				B		Withdrawn. Not available to the server.
N2-000475	proposed agenda	CN2 chairman	-	-						Agreed
N2-000476	proposed document allocation	CN2 chairman	-	-						
N2-000477	CN2 meeting calendar for year 2001	CN2 chairman	-	-						Noted
N2-000478	Guideline for making IPR calls	CN2 chairman / 3GPP	-	-						Noted
N2-000479	Clarification of CR categories	TSG-CN	TEI	21.900		8	2			Noted
N2-000480	Clarification of CR categories for a frozen 3GPP release	TSG-CN	TEI	21.000		10				Noted
N2-000481	Introduction of MT SMS CAMEL4 to MAP	Nokia	CAMEL Phase 4	29.002	3.5.2			B		Revised in N2-000541
N2-000482	GsmSSF state transition in the case of Abandon/Disconnect is armed as an EDP-N, or when they are not armed	Nokia	CAMEL Phase 3	23.078	3.6.0	244		F		Agreed
N2-000483	Correction to CAP3 GPRS-cause	Nokia	CAMEL Phase 3	29.078	3.5.0	121		F		Revised in N2-000519

N2-000484	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	29.078	3.5.0	122		F		Revised in N2-000524
N2-000485	Editorial replacement of TCAP by TC	Nokia	CAMEL Phase 3	29.078	3.5.0	123		D		Agreed
N2-000486	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	3.6.0	228	1	F		Revision of N2-000457. Revised in N2-000514.
N2-000487	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	3.6.0	232		F		Revised in N2-000511
N2-000488	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	3.6.0	233		F		Revised in N2-000526
N2-000489	Editoral corrections to stage 3	Nokia	CAMEL Phase 3	29.078	3.5.0	124		F		Revised in N2-000515
N2-000490	Corrections of the stage 3 inconsistences	Nokia	CAMEL Phase 3	29.078	3.5.0	125		F		Revised in N2-000516
N2-000491	BCSM corrections	Nokia	CAMEL Phase 4	23.078	x.2.0			F		Revised in N2-000536
N2-000492	Implicit disarming rules	Nokia	CAMEL Phase 4	23.078	x.2.0			C		Agreed
N2-000493	Introduction of Call Party Handling	Vodafone / Mannesmann	CAMEL Phase 4	22.078	3.4.0			B		Noted
N2-000494	Introduction of CAMEL Phase 4	Vodafone	CAMEL Phase 4	23.018	4.0.0			C		Noted
N2-000495	Call Party Handling	Vodafone	CAMEL Phase 4							Noted

N2-000496	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	23.078	X.2.3			C		Revised in N2-000521
N2-000497	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	29.078	3.5.0			C		Revised in N2-000522
N2-000498	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	6.7.0	A159		F	R97	Revised in N2-000531
N2-000499	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	7.4.0	A160		A	R98	Revised in N2-000532
N2-000500	Correction on CF notification	Siemens	CAMEL Phase 3	23.078	3.6.0	234		A		Revised in N2-000533
N2-000501	Correction on error implementing a CR 23.078-159r1	Rapporteur	CAMEL Phase 3	23.078	3.6.0	235		F		Agreed
N2-000502	Seattle CN2#13 meeting report	MCC	-	-	-	-				Noted
N2-000503	3GPP/MCC Work Plan	MCC/3GPP	-	-	-	-				Noted
N2-000504	Introduction of mid call event	Lucent Technologies	CAMEL Phase 4	23.078	x.2.2			B		Revised in N2-000538
N2-000505	Status of CAMEL Phase 4 Stage 1	Lucent Technologies	CAMEL Phase 4							Noted. Not available to the server.
N2-000506	First Draft of ES on IN-ISDN Interworking	Editor of Draft ES/SPAN-120071	CAMEL Phase 3	ES/120071		---		--		Noted
N2-000507	Proposed typical CPH interworking scenarios	Ericsson	CAMEL Phase 4	ES/120071		---		---		Noted

N2-000508	"ElapsedTime" ASN.1 Type Correction (in ACR-GPRS)	Rapporteur	CAMEL Phase 3	29.078	3.5.0	126		F		Agreed
N2-000509	Correction on error implementing a CR 23.078-194r3	Rapporteur	CAMEL Phase 3	23.078	3.6.0	236		F		Agreed
N2-000510	CAMEL3 ASN.1 reserved word "ms" replacement by "mobile"	Nokia	CAMEL Phase 3	29.078	3.5.0	127		F		Revised in N2-000518
N2-000511	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	3.6.0	232	1	F		Revision of N2-000487. Revised to N2-000534.
N2-000512	SPAN3 MSC flows	SPAN3 chair								Withdrawn. Not available to the server.
N2-000513	SPAN3 MSC flows	SPAN3 chair								Withdrawn. Not available to the server.
N2-000514	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	3.6.0	228	2	F		Revision of N2-000486. Revised in N2-000550
N2-000515	Editoral corrections to stage 3	Nokia	CAMEL Phase 3	29.078	3.5.0	124	1	D		Agreed. Revision of N2-000489
N2-000516	Corrections of the stage 3 inconsistences	Nokia	CAMEL Phase 3	29.078	3.5.0	125	1	F		Agreed. Revision of N2-000490
N2-000517	CallGap IF correction	Nokia	CAMEL Phase 3	23.078	3.6.0	237		F		Agreed
N2-000518	CAMEL3 ASN.1 reserved word "ms" replacement by "mobile"	Nokia	CAMEL Phase 3	29.078	3.5.0	127	1	F		Agreed
N2-000519	Correction to CAP3 GPRS-cause	Nokia	CAMEL Phase 3	29.078	3.5.0	121	1	F		Agreed

N2-000520	Clarification on GPRS 'guard timer'	Alcatel	CAMEL Phase 3	23.078	3.6.0	229	1	F		Agreed. Revision of N2-000462
N2-000521	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	23.078	X.2.3			C		Revision of N2-000496. Revised to N2-000542
N2-000522	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	29.078	3.5.0			C		Revision of N2-000497. Revised to N2-000543
N2-000523	Specifying timer range values	Ericsson	CAMEL Phase 3	23.078	3.6.0	230	1	F		Agreed. Revision of N2-000466
N2-000524	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	29.078	3.5.0	122	1	F		Revision of N2-000484. Revised to N2-000551.
N2-000525	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	23.078	3.6.0	238		F		Agreed.
N2-000526	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	3.6.0	233	1	F		Revision of N2-000488. Revised to N2-000548
N2-000527	Corrections in clauses 3 and 4	Siemens	CAMEL Phase 3	23.078	3.6.0	222	1	F		Agreed. Revision of N2-000451.
N2-000528	Clarification for the relationship for DPs	Siemens	CAMEL Phase 3	23.078	3.6.0	223	1	F		Agreed. Revision of N2-000452.
N2-000529	Clarification for the CUG data in Initial DP	Siemens	CAMEL Phase 3	23.078	3.6.0	224	1	F		Revision of N2-000453. Revised in N2-000556.
N2-000530	Correction on the SDL CAMEL_Store_Destination _Address	Siemens	CAMEL Phase 3	23.078	3.6.0	225	1	F		Agreed. Revision of N2-000454
N2-000531	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	6.7.0	A159	1	F	R97	Revision of N2-000498. Revised to N2-000545

N2-000532	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	7.4.0	A160	1	A	R98	Revision of N2-000499. Revised to N2-000546
N2-000533	Correction on CF notification	Siemens	CAMEL Phase 3	23.078	3.6.0	234	1	A		Revision of N2-000500. Revised to N2-000547
N2-000534	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	3.6.0	232	2	F		Revision of N2-000511. Revised to N2-000537.
N2-000535	ACR Problem in CAMEL Phase 2 and Phase 3	T-Mobil	CAMEL Phase 2 and Phase 3							Noted
N2-000536	BCSM corrections	Nokia	CAMEL Phase 4	23.078	x.2.0			F		Agreed. Revised in N2-000491
N2-000537	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	3.6.0	232	3	F		Revision of N2-000534. Revised to N2-000552.
N2-000538	Introduction of mid call event	Lucent Technologies	CAMEL Phase 4	23.078	x.2.2			B		Revision of N2-000504. Revised to N2-000557
N2-000539	Introduction of MT-SMS	Ericsson	CAMEL Phase 4	23.078				B		Agreed. Revision of N2-000471
N2-000540	Introduction of CAMEL control of MT-SMS in 29.078	Ericsson	CAMEL Phase 4	29.078				B		Agreed. Revision of N2-000472
N2-000541	Introduction of CAMEL4 MT SMS to MAP	Nokia	CAMEL Phase 4	29.002	3.5.2			B		Endorced. Revision of N2-000481
N2-000542	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	23.078	X.2.3			C		Revision of N2-000521. Put for e-mail approval. Deadline for
N2-000543	Enhancement to Play Announcement	Vodafone	CAMEL Phase 4	29.078	3.5.0			C		Revision of N2-000522. Put for e-mail approval. Deadline for

N2-000544	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	3.6.0	221	1	F		Revision of N2-000450. Revised to N2-000554.
N2-000545	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	6.7.0	A159	2	F	R97	Postponed. Revision of N2-000531.
N2-000546	Correction on CF notification	Siemens	CAMEL Phase 2	03.78	7.4.0	A160	2	A	R98	Postponed. Revision of N2-000532.
N2-000547	Correction on CF notification	Siemens	CAMEL Phase 3	23.078	3.6.0	234	2	A		Postponed. Revision of N2-000533.
N2-000548	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	3.6.0	233	2	F		Revision of N2-000526. Revised to N2-000553
N2-000549	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	3.5.0	118	1	F		Revision of N2-000458. Revised in N2-000555
N2-000550	Correction for ambiguous description in clause 10 and 11	Siemens	CAMEL Phase 3	23.078	3.6.0	228	3	F		Agreed. Revision of N2-000514
N2-000551	CAMEL3 removal of duplicate RAI	Nokia	CAMEL Phase 3	29.078	3.5.0	122	2	F		Agreed. Revision of N2-000524.
N2-000552	First set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase.3	23.078	3.6.0	232	4	F		Postponed. Revision of N2-000537. Not available to the server.
N2-000553	Second set of corrections of paragraph 6 GPRS	Alcatel	CAMEL Phase .3	23.078	3.6.0	233	3	F		Agreed. Revision of N2-000548
N2-000554	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	3.6.0	221	2	F		Revision of N2-000544. Revised to N2-000558.
N2-000555	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	3.5.0	118	2	F		Revision of N2-000549. Revised in N2-000559

N2-000556	Clarification for the CUG data in Initial DP	Siemens	CAMEL Phase 3	23.078	3.6.0	224	2	F		Agreed. Revision of N2-000529
N2-000557	Introduction of mid call event	Lucent Technolo gies	CAMEL Phase 4	23.078	x.2.2			B		Agreed Revision of N2-000538.
N2-000558	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	23.078	3.6.0	221	3	F		Agreed. Revision of N2-000554
N2-000559	Correction on CAMEL CF and OR	Siemens	CAMEL Phase 3	29.078	3.5.0	118	3	F		Agreed