3GPP TSG CN Plenary Meeting #14
6th – 8th March 2002. Jeju, Korea.

<center>**NP-020067**</center>

Source:	**CN2 Vice Chair**
Title:	**3GPP TSG CN2 CAMEL4 Editorial AdHoc Meeting Draft Report**
Agenda item:	**6.2.1**
Document for:	**INFORMATION**

3GPP TSG CN2 CAMEL4 Editor's Meeting
Rijen, Netherlands
28 January - 2 February, 2002

Tdoc 3GPP N2-020288rev2

Those present:
Ruth Hewson – Vodafone – Chair
Rogier Noldus – Ericsson
Sumio Miyagawa – Siemens
Christian Homann – Alcatel
Vesa Tiainen - Nokia

Tdoc #	Title	Source	Discussion	Conclusion
1	**Opening of the meeting & Agenda**			
N2-020228	Proposed meeting agenda	CN2 vice chairman	Ruth opened the meeting. Rogier gave domestic arrangements. Sumio asked about changes to sections (e.g. GPRS) that haven't been changed for CAMEL Phase 4. Ruth said we should discuss them case by case, but shouldn't agree anything with a technical impact. Tdocs N2-020258, N2-020259, N2-020265, N2-020266, N2-020273 are withdrawn unless they appear before the end of the meeting. Rogier clarified that N2-020276 and N2-020277 are on the server.	Approved
2	**Allocation of documents to agenda items**			

Tdoc #	Title	Source	Discussion	Conclusion
N2-020229	Allocation of documents to agenda items	CN2 vice chairman	Presented by Ruth. Christian asked about the order of the document handling, Ruth clarified we would work through in the order of N2-020229.	Living document. Revision containing Ruth's notes will be available at the end of day 1 and day 2. Approved
3	**Rel-5 CAMEL4 Editorial CRs**			
N2-020252	General editing remarks on 23.078 / 29.078	Alcatel	Presented by Christian. No comments. We agree the principle and will take it into account during the meeting.	Approved
3.1	**23.078 Contributions**			
N2-020275	Draft TS 23.078 v5D.13.1	Rapporteur	Presented by Sumio. This version has been made available on the CN2 list. A later version (containing some editorial corrections) is in N2-020251.	Noted
N2-020251	Notes on editorial clean-up	Siemens AG	Presented by Sumio. Contains 23.078 v5D.13.2 including Sumio's editorial corrections. ?? We will use v5D.13.2 as a base for this meeting. ?? Christian commented on the use of non-breaking spaces in the reference list. We agreed to use ; before "stage 2" rather than -. Sumio will do this off-line. ?? Christian asked Sumio to ensure "section" is not used in the specification (clause and subclause should be used, instead of chapter or section). Sumio will do this off-line. ?? Christian commented on hanging paragraphs. We will leave this for now. ?? Christian wants to avoid the text e.g. "following subclause" or "next table". Subclauses will be referenced by number. For tables, text will read "This IE is described in a table below". Sumio will do this off-line. ?? Christian asked about the level of the reference in section 4.6.5.6.1. The reference will be changed to 4.6.2.21. ?? Section 9.1.1, reference should be 3.1. ?? Sumio will incorporate the other changes proposed in 251 off-line.	Principle agreed. Will use this as base version for work on 23.078.
N2-020253	General remarks on 23.078	Alcatel	Presented by Christian. Agreed in principle. Sumio will incorporate the changes off-line.	Approved
N2-020289	Draft 23.078 v5D.13.3	Rapporteur	Result of editor's meeting Will be distributed by midnight CET Sunday 24th February. Deadline for comments is midnight Monday 25th February. Will be submitted to CN plenary before deadline.	Some comments made resulting in v5D.13.4 which will be sent to CN plenary.
3.1.1	**23.078 Clauses 1-3**			
N2-020254	CR 23.078 Corrections to clause Forward	Alcatel	Presented by Christian. Incorporated on-line.	Approved
N2-020255	CR 23.078 Corrections to clause 1 Scope	Alcatel	Presented by Christian. A reference to the Teleservice specification will be added. "Note that" is deleted from the sentence on Emergency Setup, and "in case" has	Approved

Tdoc #	Title	Source	Discussion	Conclusion
			been changed to "if", and other minor re-wording. Incorporated on-line.	
N2-020235	CR 23.078 Corrections to the clause 2 References	Nokia	Presented by Vesa. This is superseded by N2-020248.	Noted
N2-020256	CR 23.078 Corrections to clause 2 References	Alcatel	Presented by Christian. Change to 23.171 reference is superseded by N2-020248. Christian decided to withdraw the document.	Withdrawn
N2-020236	CR 23.078 Corrections to the clause 3 Definitions and abbreviations	Nokia	*changes subclause 3.1* Presented by Vesa. Superseded by N2-020248, hence withdrawn.	Withdrawn
N2-020257	CR 23.078 Corrections to clause 3 Definitions and abbreviations	Alcatel	*changes subclauses 3.1 and 3.2* Presented by Christian. We cannot change the MT/VT issue at the moment due to historical reasons. Sumio changed GPRS Dialogue on-line.	Approved
3.1.2	**23.078 Clause 4**			
N2-020230	CR 23.078 Clause 4: Grammatical corrections to subclause 4.2	Vodafone Group Plc.	Ruth presented this document. Rogier proposed that we take as a general principle that MAP/CAP message names are written in full (not abbreviated). Christian wants this also for the DP numbers. Should we have a separate list of abbreviations for operations – but this is a stage 3 issue – **open issue: do we want this separate this abbreviations list?** Sumio will check for the abbreviations off-line. Vesa asked if we should apply the principle to ISUP. We'll leave the SDLs as they are. We choose Information Flows as the format, not operations or messages. Sumio will handle this off-line. In section 4.2.1.1 second bullet, we will leave it as "DP" not "EDP". In table 4.1 change from SIFIC to SRI is technical. No objections to changing it here. Sumio will incorporate the changes off-line.	Approved
N2-020249	CR 23.078 Improvement TIF-CSI description	Siemens AG	*changes subclause 4.3* Presented by Sumio. Christian asked if there was any impact on 23.008 or 23.016. No impact was identified. Christian wants to move TIF-CSI to before T-CSI. This is agreed.	Approved
N2-020231	CR 23.078 Clause 4: Grammatical corrections to subclause 4.3	Vodafone Group Plc.	Presented by Ruth. Christian commented that section 4.3.2.3 on the service key should be aligned with other descriptions of the service key.	Approved
N2-020232	CR 23.078 Clause 4: Grammatical corrections to subclause 4.4	Vodafone Group Plc.	Presented by Ruth. instead of "- this leads to" we'll have "; this leads to" as "which leads to" could cause confusion. Rogier commented on the negation of the terms "No Answer" and "not reachable" (not directly reflecting this CR) as the not reachable event is sometimes written in capitals. Rogier proposes to use "No Answer" and "Not Reachable". Decision: Event names should be capitalised. Christian is concerned about removal "GSM". **We leave GSM in for**	Approved

Tdoc #	Title	Source	Discussion	Conclusion
			now. **Off-line comment: Need to clarify use of CPH/Call Party Handling operation etc.**	
N2-020233	CR 23.078 Clause 4: Grammatical corrections to subclause 4.5	Vodafone Group Plc.	Presented by Ruth. We need a general agreement on whether message names should be separated by spaces or underscores. General consensus: we don't use underscores for message names in the text. We shouldn't use CAP or MAP in front of message names. We shall use ISUP for ISUP messages. Table 4.6 Note 2 "Secondary dialogue: the secondary dialogue is the dialogue which was established whilst the Primary Dialogue was active". The changes will not be done here as we're confused. **Open issue: What is the difference between primary and secondary dialogues?** Section 4.5.7.3.2 what are the original call parameters? Existing parameters or current parameters? We prefer "existing" **and need to look for other places (e.g. Continue) where this occurs.** General opinion: use the term "existing call parameters". Rogier asked about GMSC/MSC – we shouldn't use the / as a replacement for "or" so GMSC/gsmSSF means "culmination of". Agreed as a principle. Section 4.5.9.1 "the present document" "Request" is not used at the end of information flows. Section 4.5.10 "Can" to "may"	Approved
N2-020268	CR 23.078 Clause 4: Grammatical corrections to N2-020223 (Charging Notifications)	Vodafone Group Plc.	*changes subclause 4.5* RNC will be expanded to Request Notification Charging, even in the SDLs. **Some open issues were identified "to be levied to", etc. that need to be clarified (technically) in CN2#23.**	Approved
N2-020274	CR 23.078 Clarifications on the usage of PSI	Ericsson	*changes subclause 4.5.9* *Technical changes are out of scope for this meeting.* Presented by Rogier. Possibly duplicates SDL information. PSI part: postponed to the next meeting. "then" part is approved.	Noted
N2-020224	CR 23.078 Clause 4: editorial alignment of IE name with 23.018	Vodafone	*changes subclause 4.6.1.9.2* Presented by Ruth. Vesa thinks that there is only one IMEI, Sumio says they're	Approved

Tdoc #	Title	Source	Discussion	Conclusion
			different as they're a different length. Rogier thinks they are functionally different but transported in the same information element. This is the first time we've used brackets in parameter names. Is it part of the parameter name or an attribute of the parameter? **Ask Ian about the names.**	
N2-020234	CR 23.078 Clause 4: Grammatical corrections to subclause 4.6	Vodafone Group Plc.	Presented by Ruth. In section 4.6.1.2.2: ?? Change IR to IE ?? Remove the "a" from Time Information In section 4.6.2.20.2 Rogier want the inter digit timeout description to be a bulleted list. Rogier will produce a document demonstrating this in N2-020278. Vesa asked how IEs should be named (first letter in each word uppercase?). General principle: IE names: first letter of each word in IE name is uppercase (except gsmSCF, e-values etc.) and names should not be in quotations or apostrophes. Christian said "NP calls" should be "NP case" (except in high level of 4.6). In Event Report BCSM, "GSM" will remain with call forwarding. All references to "this specification" should be to "the present document". Section 4.6.2.5.2 "Ifs" should be "IFs". Section 4.6.2.9.2 Suppress D-CSI and N-CSI should be "if this IF is sent" not dependent on ICA. Section 4.6.9.1.2 O-CSI & D-CSI before reference to subclause change "it" to "O-CSI" or "D-CSI" as appropriate.	Approved
N2-020278	CR23.078 Improvement for "Inter digit timeout" description for the Mid-Call event	Ericsson	Will be sent out by noon on Thursday (21st Feb). Deadline for comments is midnight (CET) Friday (22nd Feb). *No comments on e-mail approval.*	Approved
N2-020237	CR 23.078 Corrections to the clause 4 Circuit switched Call Control	Nokia	*changes subclauses 4.1-4.6* Presented by Vesa. There are some overlaps with N2-020234, but not contradictions. Christian wants the headers in the DP tables to be rotated 90 degrees anti-clockwise. The hyphen in e-values should be a non-line-breaking hyphen.	Approved
N2-020258	CR 23.078 Corrections to clause 4 Circuit switched Call Control	Alcatel	*Late contribution – not submitted*	Withdrawn
3.1.3	**23.078 Clause 5**			
3.1.4	**23.078 Clause 6**			
N2-020238	CR 23.078 Corrections to the clause 6 GPRS interworking	Nokia	*changes subclause 6.1.1*	Approved

Tdoc #	Title	Source	Discussion	Conclusion
			Presented by Vesa. Edited by Sumio on-line.	
N2-020225	CR 23.078 Clause 6: editorial alignment of IE name with 23.018	Vodafone	*changes subclause 6.6.1.5.2* Presented by Ruth.	Approved
N2-020259	CR 23.078 Corrections to clause 6 GPRS interworking	Alcatel	*Late contribution – not submitted*	Withdrawn
3.1.5	**23.078 Clause 7**			
N2-020227	CR 23.078 Clause 7: editorial alignment of IE name with 23.018	Vodafone	*changes subclause 7.6.1.2.2* Presented by Ruth. **GPRS Class and MS Classmark should be S (Specific Conditions)?? Ask Ian.**	Approved
3.1.6	**23.078 Clause 8**			
3.1.7	**23.078 Clause 9**			
N2-020239	CR 23.078 Corrections to the clause 9 Mobility Management	Nokia	*changes subclause 9.4.2.1.2* Presented by Vesa. This is already covered by the MAP specification. Christian asked if this was an "exclusive or" or an "either or". Text will be changed to "This IE is used to indicate that only M-CSI or MG-CSI shall be deleted from the VLR or SGSN respectively". This was done on-line.	Approved
3.1.8	**23.078 Clause 10**			
3.1.9	**23.078 Clause 11**			
N2-020240	CR 23.078 Corrections to the clause 11 Subscriber Location and State retrieval	Nokia	*changes subclauses 11.1.1, 11.3.3.1.2 and 11.3.4.1.2* Presented by Vesa. Superseded by N2-020248 and earlier discussions.	Withdrawn
N2-020226	CR 23.078 Clause 11: editorial alignment of IE names with 23.018	Vodafone	*changes subclauses 11.3.4.1.2 and 11.3.6.1.2* Presented by Ruth. **Rogier said there is no guarantee we will get the software version with IMEI. Ask Ian. Are IMEI, classmark etc. only returned when requested by gsmSCF? – needs to be clarified in description of IEs in ATI ack and PSI ack. PSI ack for VLR to HLR is missing IMEI software version etc. MS Classmark and GPRS Class should be mutually exclusive? PSI between HLR and SGSN?**	Approved
3.1.10	**23.078 clause unknown / multiple clauses**			
N2-020248	CR 23.078 Correction of LCS-related references	Siemens AG	*changes subclauses 2, 3.1, 11.1.1*	Approved

Tdoc #	Title	Source	Discussion	Conclusion
			Presented by Sumio. Vesa said that in section 11.1.1 the reference should be 23.271 not 23.217.	
N2-020250	CR 23.078 Improvement gsmSCF list description	Siemens AG	*changes clauses 6, 7, 8, 9* Presented by Sumio.	Approved
3.2	**29.078 Contributions**			
N2-020276	Draft TS 29.078 v5D.6.1	Rapporteur	Presented by Rogier. This was available before the Sophia Antipolis meeting.	Noted
N2-020277	Draft TS 29.078 v5D.7.0	Rapporteur	Presented by Rogier. This contains the CRs agreed at the Sophia Antipolis meeting. Also contains rapporteurs comments on open issues, and some minor corrections with rapporteurs notes. We will take this as the base version. Christian wants us to be made aware of changes in MAP to data types imported into CAP.	Will use this as base version
N2-020260	General remarks on 29.078	Alcatel	Presented by Christian. Rogier has already fixed some of the clause numbering, Christian gave us an outline-view-tutorial. Rogier will do this off line with help from Christian if necessary. CN2 change history's will not be presented to CN plenary.	Approved
N2-020261	CR 29.078 Operation procedure layout (Clauses 11, 12, and 13)	Alcatel	Presented by Christian. Rogier welcomes the template but wants to tweak it. Rogier & Christian will prepare a revision off-line in Tdoc N2-020279	Revised in N2-020279
N2-020279	CR 29.078 Operation procedure layout (Clauses 11, 12, and 13)	Ericsson & Alcatel	No presentation.	Approved
N2-020290	Draft 29.078 v5D.7.1	Rapporteur	Result of editor's meeting Will be distributed by midnight CET Sunday 24th February. Deadline for comments is midnight Monday 25th February. Will be submitted to CN plenary before deadline.	No comments. Will be sent to CN Plenary.
3.2.1	**29.078 Clauses 1-3**			
N2-020262	CR 29.078 Corrections to clause 1 Scope	Alcatel	Presented by Christian. Rogier said we also specify CAP v3 for GPRS. But, it still specifies CAMEL Phase 4…	Approved
N2-020263	CR 29.078 Corrections to clause 2 References	Alcatel	Presented by Christian. Rogier will ensure the references are tidy.	Approved
N2-020241	CR 29.078 Clean-up the unused abbreviations; clause 3	Nokia	Presented by Vesa.	Approved
N2-020264	CR 29.078 Corrections to clause 3 Abbreviations	Alcatel	Presented by Christian. smsSSF will also be included in the list of abbreviations. Some of these changes over-ride those in N2-020241.	Approved
3.2.2	**29.078 Clause 4**			
N2-020242	CR 29.078 Corrections to the clause 4 Interface specification for telecommunication services	Nokia	*changes subclause 4.2.1*	Approved

Tdoc #	Title	Source	Discussion	Conclusion
			Presented by Vesa. We agree the principle of "Assisting gsmSSF" as two words.	
N2-020269	CR 29.078 Technical and Editorial corrections to section 4	Ericsson	*Technical changes are out of scope for this meeting.* Presented by Rogier. "gsmSCF" will be used instead of "SCP" (unless it is a physical entity). Rogier will make a judgement call on this. Rogier has highlighted the text which won't be incorporated in the draft. In Section 4.1.3,"case a" will be changed to "case (a)". In Section 4.1.3 "For details on the FE modelling…", Sumio suggested we should reference 23.078. Christian and Sumio propose changing the text to "For FE modelling, …" Section 4.3 Vesa says that Unidirectional should be kept, even though it is not used by CAP (nor is Reject) but maybe include some editorial text. Christian says that ASN.1 encoding errors will use the Reject. Section 4.1.4.2.1 Vesa says that gprsSSF and smsSSF have no interworking with Core INAP. Rogier says that the gprsSSF and smsSSF can receive other messages, but Vesa says there is no common part with Core INAP. Section 4.1.1 "rules" will be deleted Section 4.1.1 Christian asked what a ROSE user protocol is? "protocol" will be removed. Section 4.1.2 Assisting gsmSSF needs to be corrected throughout, including the pictures. Christian asked about CCF or gsmCCF. This isn't specified in the stage 2 world. Change to "CCF in MSC". CCF will be added in the abbreviations list. Section 4.1.4.2.3 Christian said that unrecognised parameters *are* ignored. Section 4.2.2 Christian said that the change from should to shall means that you are mandating the receiving entity to perform operations in parallel. Rogier proposes changing the "should" to "may". Rogier revised the document on line, the revision will be circulated in N2-020280.	Revised in N2-020280
N2-020280	CR 29.078 Technical and Editorial corrections to section 4	Ericsson	Edited on line during discussions on 269. Highlighted (pink) text will not be incorporated in the draft specification, but will form a CR to CN2 in April.	Approved
3.2.3	**29.078 Clause 5**			
3.2.4	**29.078 Clause 6**			
N2-020243	CR 29.078 Corrections to the clause 6 Circuit Switched Call Control	Nokia	*changes subclause 6.1.1 and 6.2.2.1* Presented by Vesa. Christian prefers the text "this argument". gsmSSF will replace SSF and gsmSCF will replace SCF.	Approved
3.2.5	**29.078 Clause 7**			
N2-020244	CR 29.078 Corrections to the clause 7 SMS	Nokia	*changes subclause 7.1*	Withdrawn

Tdoc #	Title	Source	Discussion	Conclusion
	Control		Presented by Vesa. Rogier has already proposed to use smsSSF which supersedes this CR.	
3.2.6	**29.078 Clause 8**			
3.2.7	**29.078 Clause 9**			
3.2.8	**29.078 Clause 10**			
3.2.9	**29.078 Clause 11**			
N2-020245	CR 29.078 Corrections to the clause 11 Detailed operation procedures for circuit switched call control	Nokia	*changes subclauses 11.5.1, 11.5.2, 11.12.1 and 11.13.1* Presented by Vesa. This CR is superseded by the general comments we've agreed so far. Section 11.13.1 whole section is confusing and needs to be rethought – **open issue.**	Withdrawn
N2-020270	CR 29.078 Technical and Editorial corrections to section 11	Ericsson	*Technical changes are out of scope for this meeting.* *Postponed until Wednesday to allow more time for study.* Presented by Rogier. Editor's notes will not be included in the draft specification but may result in individual CRs to CN2#23. Some general principles: ?? Default values for parameters should not be included in the description, as it is detailed in the ASN.1 ?? CS won't be used for Call Segment in the text descriptions. ?? We shall not use abbreviated operation names in the text ?? CSA should be added to the abbreviations list. ?? We won't refer to exact SDL processes or procedures in the descriptions, just to the entities. ?? We don't have sub-parameters, just parameters that contain parameters. General issues: Christian said that the gsmSRF will be a "normal" SRF which is why we haven't specified it too much. It may be tricky to introduce new SRF states. For speed, we won't discuss the editor's notes. The wording for the gapTreatment needs further study – over lunch. Christian doesn't like the "successful execution of the operation" for Disconnect	Revised in N2-020287

Tdoc #	Title	Source	Discussion	Conclusion
			Leg. Ruth said it aligns more with the SDL proposals, so we keep it as Rogier proposed. CSA_gsmSSF will be written as "CSA_gsmSSF FSM" (FSM is used where applicable) not CSA FSM or CSA_FSM. Open Issue: Pre-condition for ERB needs to include complete list of DPs and applicable states. Usage of Location Number in IDP is an open issue. RNC/ENC will not be corrected in the draft specification as they are still open issues. P&CUI: Rogier will check if "digit string" is used in stage 2, if so, these changes can be kept, if not then the changes will not be incorporated.	
N2-020287	CR 29.078 Technical and Editorial corrections to section 11	Ericsson	Edited on-line during discussion on N2-020270.	Approved
N2-020265	CR 29.078 Corrections to clause 11 Detailed operation procedures for circuit switched call control	Alcatel	*Late contribution – not submitted*	Withdrawn
3.2.10	**29.078 Clause 12**			
N2-020246	CR 29.078 Corrections to the clause 12 Detailed operation procedures for SMS control	Nokia	*changes subclauses 12.2.2.1, 12.4.2.1, and 12.8.2.1* Presented by Vesa. As smsSSF term will be used, this document has to be withdrawn.	Withdrawn
N2-020271	CR 29.078 Technical and Editorial corrections to section 12	Ericsson	*Technical changes are out of scope for this meeting.* Presented by Rogier. General principle is we use the term "parameter" not "IE". smsSSF will be introduced in the abbreviations section. Christian reminded us that we shouldn't change the MO-SMS functionality. General principle for operations used by SSFs (gsm/sms/gprsSSF): "The gsmSSF uses this operation …" General principle for operations used by gsmSCF: Rogier proposes: "This operation may be used by the gsmSCF …" Christian proposes "This operation is used by the gsmSCF … " Sumio prefers Christian's proposal. Sumio proposes "The gsmSCF may use this operation …" Ruth proposes "The gsmSCF uses this operation…" Agreed. Christian doesn't think we need the definitions of Logical SMS Record etc. Rogier is concerned that we're using the terms but haven't specified what the term	Revised in N2-020285

Tdoc #	Title	Source	Discussion	Conclusion
			means… Christian thinks this is a modelling change that could affect an implementation requirement. **Action point: the terms need to be defined**. The textual changes will be incorporated without the definitions for now. CR Editor's notes will not be incorporated in the draft specification.	
N2-020285	CR 29.078 Technical and Editorial corrections to section 12	Ericsson	Edited on line during discussions on N2-020271.	Approved
3.2.11	**29.078 Clause 13**			
N2-020247	CR 29.078 Corrections to the clause 13 Detailed operation procedures for GPRS control	Nokia	*changes subclauses 13.2.1, 13.6.2.1 and 13.9.2.1* Presented by Vesa. These changes are compatible with the general rules we have agreed.	Approved
N2-020272	CR 29.078 Technical and Editorial changes to section 13	Ericsson	*Technical changes are out of scope for this meeting.* Presented by Rogier. Some changes will be undone in accordance with previous decisions. Christian asked about "a single PDP context", he believes "a PDP context" indicates only one… we agreed that including "single" is fine-tuning and correct. Editor's notes will not be incorporated in the draft specification. Christian wants consistency between "FSM" and "gprsSSF FSM". Rogier realises that there are many FSMs: PDP Context and FSM and GPRS Session FSM. Christian said that in ApplyChargingGPRS we are only talking about the gprsSSF FSM. Changing text from informative to normative is considered a technical change and hence out of scope for this meeting. In the error handling, should there be quotes around the task refused? No objections so this is a general principle and Rogier will ensure it is done consistently throughout the specifications. Section 13.1.1 Christian believes the change in the second paragraph is a technical change. Hence the change from "detected" to "reported" is out of scope (and shaded pink in the revision). General principle for parameters is "if present" will be removed. Section 13.13 Vesa asked why Tssf sometimes starts upper case and sometimes lower case. In ASN.1 we use tssf as a constant value. Tssf is the name of the	Revised in N2-020286

Tdoc #	Title	Source	Discussion	Conclusion
			timer.	
N2-020286	CR 29.078 Technical and Editorial changes to section 13	Ericsson	Edited on line during discussions on N2-020272.	Approved
N2-020266	CR 29.078 Corrections to clause 13 Detailed operation procedures for GPRS control	Alcatel	*Late contribution – not submitted*	Withdrawn
3.2.12	**29.078 Clause 14**			
N2-020267	CR 29.078 Corrections to clause 14 Services assumed from lower layers	Alcatel	*changes subclauses 14.1.3.2.1 and 14.1.4* Presented by Christian. Christian & Rogier will sort out the formatting etc. of the headers.	Approved
N2-020273	CR 29.078 Technical and Editorial corrections to section 14	Ericsson	*Technical changes are out of scope for this meeting.* *Late contribution – not submitted*	Withdrawn
3.2.13	**29.078 clause unknown / multiple clauses**			
4	**Closing of the meeting**			
N2-020281	23.078 – General Drafting Principles	CN2 Vice Chairman	Will be distributed on Thursday and placed on e-mail approval. Deadline for comments is midnight Friday 22nd Feb CET. No comments on e-mail approval.	Approved
N2-020282	29.078 – General Drafting Principles	CN2 Vice Chairman	Will be distributed on Thursday and placed on e-mail approval. Deadline for comments is midnight Friday 22nd Feb CET. No comments on e-mail approval.	Approved
N2-020283	Editor's meeting – Open Issues	CN2 Vice Chairman	Will be distributed on Thursday and placed on e-mail approval. Deadline for comments is midnight Friday 22nd Feb CET. No comments on e-mail approval.	Approved
N2-020284	Chairman's notes: End of day 1	CN2 Vice Chairman	No presentation.	Noted
N2-020288	Chairman's notes: End of day 2	CN2 Vice Chairman	No presentation. Will be distributed on Thursday. Revision 1 distributed over e-mail as draft report. No comments. Revision 2 contains outcome of e-mail approvals.	Noted