CN#04 meeting report

Agenda item	Agenda item title	Tdoc 3GPP NP-99	Title	Source	Result
2		151	Draft Agenda	Chairman	Approved with minor adjustments.
2		152	Document allocation list status 24.May	Chairman	Some changes were agreed during the discussion of the document. To be further updated when new documents are produced
		153	Participants list	ETSI MCC	Circulated, but not available yet in electronic form.
3		154	Draft Meeting Report CN#3	MCC	Noted.
5.1		155	Technical Report on Separating RR and MM specific Parts of MS classmark	N1	Presented for information to this meeting. More elaboration expected for the next meeting of N1. Appropriate to include some history of the document. The report was noted for the time being
6.1		156	LS regarding CS bearer services	TSG_S1	N3 has the lead to elaborate the indicated WI. **Action Point** to N3 to make a working proposal for N1.
6.2		157	LS to SMG1 on proposed modifications to GSM03.03 to include humanly readable APN Operator identifiers	GSM Association	Noted. Vodafone (**Action Point**) volunteered to draft a CR to 03.03 as requested by the document.
7.2		158	Proposal for Annex 1.1 on the interworking with CCBS and the GLR concept	SS-ad-hoc	
6.1		159	LS on SoLSA exclusive Access	SMG12/S2	Noted as background information to SMG3.
6.1		160	LS on usage of GSM-only SIM Cards for 3G access	S3	The document was noted. Interested parties were invited to bring contributions.
6.2		161	LS on use of DRX parameters when Paging with IMSI	SMG3-WPA GPRS / N1	
5.2.3		162	2 CRs on 03.03 (ASCI)	KAPSCH	See also discussion about Tdoc 163, since the CRs contained in the two documents aim both at correcting the same error.
5.2.3		163	CR on 03.03 (ASCI)	SMG12	Approved. Siemens will produce the similar CR for Release '97 and will send it to the mail exploder for approval. The CR will be sent by Siemens (**Action Point**) to Franco Settimo at the end of the electronic approval process and it will then be submitted for final approval to SMG29 plenary.
6.1		164	Extended Proposal for Securing MAP Based Transmission of Sensitive Data	T-Mobil, Mannes-mann Mobilfunk,	Noted

			between Network Elements	Deutsche Telekom	
6.1		165	LS on usage of GSM only SIM Cards for 3G access	S3	Withdrawn, since it is a duplication of Tdoc 160.
6.1		166	LS on Extended Proposal for Securing MAP Based Transmission of Sensitive Data between Network Elements	S3	Noted.
5.2/ 7.2		167	Technical Report: Pre-paging in the UMTS CN	N2	The basic aim of pre-paging (saving network resources in some MT cases, when the Mobile Terminal does not respond) was illustrated by the N2 Chairman. Care must be taken in the definition of MAP operations timers, as already highlighted by N2. For the time being, pre-paging covers the not reachable case for Early Call Forwarding. Further studies are needed to Early Call Forwarding on Busy The technical report was approved, new version number is 3.0.0 and a number will be assigned (**Action Point Franco).**
5.2/ 7.2		168	Technical Report: GLR	N2	NEC UK presented the document. The scope of the GLR (Gateway Location Register) is to reduce the amount of MAP signalling traffic from the Visited PLMN to the Home PLMN, in case of roaming. A basic working assumption was reminded: the GLR supports only one VPLMN (but multiple Home PLMNs can access the same GLR). Clarified that, although there is a list of GSM Specifications affected by the introduction of the GLR, no protocol or functional entity should be affected by the GLR introduction. Those Specs must be simply updated with the introduction of the GLR behaviour. **Action Point Franco Settimo**: to ask Ian Doig a number for the Technical Report. N2 declared that this report is the best possible description of the GLR functionality. The technical report was approved and the version number will be 3.0.0.
5.2/ 7.2		169	Proposed Technical Report: Super –Charger	N2	No Nortel delegate was available to present the report and it was consequently presented by the N2 Chairman. A VLR does not delete the data for a subscriber when the subscriber moves from two service areas of the same VLR. The super-charger would then offer potentially large savings in terms of amount of messages transferred. Savings in signalling traffic were estimated around 50%, according to chapter 10 of the document. Clarifications were asked (and briefly given by Nortel Networks) about the selected methodology to perform the calculation. The report was not approved as it stands. N2B were asked to provide more information about the traffic figures used.

5.2/ 7.2		170	Feasibility assessment of Super-Charger	N2	Postponed after completion of the feasibility report.
5.2/ 7.2		171	Feasibility assessment of Gateway Location Register	N2	Presented by the N2 Deputy Chairman. Additional signalling in case of HLR restart seems to be a disadvantage, at least at a first sight, but more work on the issue seems necessary. Changes in the capability of HLR and VLR need to be supported by the GLR. At the end of the document, a list of Companies gave a score (4 levels) on the technical assessment of the content. Vodafone reported that, if the GLR is standardised, the real intentions of Operators to implement it or not seem to be rather diverse. However, the CN plenary is purely mandated with the task of deciding whether the GLR has to be standardised. If the concept is approved, N2 will be then mandated with the task of standardising GLR related protocols. Masami informed the floor that the GLR has been already introduced in Japan for second generation networks (PDC). Consequently NTT DoCoMo expects the same platform, as a basis for further work, also for GSM. Vodafone noted that the GLR is not "visible" to the co-operating networks: in this sense, it might not be even standardised. However, standardisation has tangible advantages on the GLR design, from a pure vendor point of view. Hence, no need for protocol specification: the benefit is to allow vendors to produce the same piece of equipment for a multiplicity of Operators. This does not prevent that the GLR specification is brought forward in the application environment (e.g. TTC) for which its utility has been recognised. NTT DoCoMo however clarified that, even if they need the functionality now (today, it would consequently be a regional issue, since the same requirement is not perceived by European Operators), they want to specify it particularly for third generation systems. Stephen Hayes asked if there is a real necessity to introduce GLR as a part of 1999 specification. A lengthy discussion followed, during which NTT DoCoMo explained with details the rationale (location areas are becoming smaller due to high traffic densities) for the introduction of GLR in a traffic context like, e.g., the Tokyo area. Some assumptions, however, were a bit contested by the Ericsson and France Telecom delegates. Vodafone explained why, in Europe, small scale differences in coverage between competing networks make it nearly unavoidable to switch between networks. In such case, the GLR advantage would be

					reduced (for a single-VPLMN GLR) because a VPLMN change must be always signalled to the HLR. The future case of a single GLR for several VPLMNs might be interesting for a European context, but this working assumption needs further study. Strong support was given to GLR by NTT DoCoMo; some scepticism was clearly visible in a wide part of the rest of the floor. The Chairman then raised the question whether CN want the GLR standardised for: i. Release 99, ii. UMTS or iii. not standardised at all. The Chairman indicated that Siemens do not like the GLR not even as an optional network node, since they believe that drawbacks largely exceed advantages. NTT DoCoMo have a totally different opinion, and they declare this opinion comes from experience. Vodafone also expressed a negative position and suggested that the specification of GLR should become a regional matter, due to the limited (i.e. regional) interest of the argument. However BT noted that 3GPP rules recommend a positive approach in defining and proposing activities, rather than stopping them. In the end, the Chairman proposed that TTC may proceed independently, i.e. outside 3GPP, with the specification work (which will certainly fit the Japanese requirements) and when it is ready, the results are presented to N2B/N2 and CN. Nokia observed that, if specs are developed independently, there might be a lengthy review process, with meeting and resource usage. Vodafone however argued that TTC might be more used to a high meeting frequency to meet tight schedules and might produce quickly the required standard, if they work independently. The Chairman asked whether there are European and American companies interested in participating in the TTC meetings. Yun Chao Hu (Ericsson) wanted confirmation that the GLR, so standardised, will be Japanese specific and that it will need approval, when available, before being included in 3GPP specifications. No Work Item was formally approved by CN. It is expected that TTC will elaborate the GLR specification. Furthermore, it was believed premature to decide whether the GLR will be part of Release '99 and it might be necessary to have a formal voting on inclusion of the GLR in the 3GPP specs. Ericsson expects that TTC will produce CRs against the indicated specifications, and that these will need to be reviewed by N2.
5.2.1			172	LS to T1P1 on MNC Harmonisation CRs to 03.03&09.02	N2	Presented for information. Some inconsistency was detected in 09.02. Noted.

5.2.1		173	Proposed LS on technical Realisation of MSP Phase2	N2	Presented for information. Noted.
5.2.1		174	Proposed LS on responsibility for CAMEL Phase3 specifications	N2	Presented for information. Noted.
5.2.1		175	LS to N3 on Service Control (CAMEL) support for GPRS PSTN/ISDN interconnect services	N2	Presented for information. NEC UK noted that the decision had been already taken in the CN plenary in Shin Yokohama. It was however asked N2 to verify the statement and N2 already agreed to undertake the feasibility study.
5.2.1		176	LS to S3, N1 on length of Authentication Parameters	N2	Presented for information. Noted.
5.2.1		177	LS to S1 on Multicall	N2	To some extent, overtaken by events. Noted
5.2.1		178	LS on the Turbo-Charger Feasibility Study	N2	For information. Noted. Responsibility for the Turbo Charger should lie in N1. The N1 Chairman asked for somebody able to introduce the concept, since it is a new one. Nortel Networks agreed and did it. Tdoc 191 would be forwarded to N1. Action Point Franco Settimo: to forward the document to N1.
5.2.1		179	LS on the UMTS evolution of GTP	N2	Noted.
5.2.1		180	LS on IST for non-CAMEL subscribers	N2	Noted.
5.2.3		181	SCCP SSN reallocation	NEC	Presented by NEC with a proposal for six CodePoint allocations: NEC clarified that this proposal has been taken from official SMG documents. For the gsmSCF an additional SSN number seems required (noted that it was missing). For the approval of Change Requests, the N2 Chairman proposed to start from the Release '98, going then back to previous releases (i.e. to subsets of functionality).
5.2.3		182	CR to 03.03 on SSN allocation for CAP, SIWF, GGSN, SGSN, Rel '97	NEC	New Tdoc number for CR is Tdoc 223.
5.2.3		183	CR to 03.03 on SSN allocation for CAP, SIWF, GGSN, SGSN, SMLC, GMLC Rel '98	NEC	NEC presented the CR. The N2 Chairman noted that the Codepoints allocated to SMLC and GMLC are outside the agreed range: a revision is then needed. Furthermore, a codepoint for MAP signalling needs to be allocated. The Chairman noted that we might run out of Subsystem Numbers quickly: however, use of the same subsystem number for two entities makes it nearly impossible to use subsystem numbers for monitoring and accounting of SS7 traffic without analysing application level messages. The CR needs to be revised. Tdoc number is NP-99222. Once the codepoint for Release '98 has been allocated, the ones needed in Release '96 and '97 will mechanically follow.

5.2.3		185	CR to 03.03 on SSN allocation for CAP, SIWF, GGSN, SGSN, SMLC, GMLC	NEC	New Tdoc number for the CR is Tdoc 224.
5.2.3		184	CR 002 to 23.003 on SSN for CAP and SIWF	NEC	
5.2.3		186	Draft DEN/SPS 03053-1 v0.5.1 (1999-03-15) CAMEL Phase2	N2 / WP-C	
5.2.3		187	Draft DEN/SPS-03053-2 V0.5.0 (1999-03-15) CAMEL Phase 2	N2 / WP-C	
6.2		188	LS concerning GSM 09.14	SPS1	To be forwarded to WPB for action. CN noted the specification but were unable to approve it, hence WPB was requested to do it. Vodafone however recommended that SMG3 approve it now, not to delay the Public Enquiry process. The Spec will be brought forward to SMG#29. WPB will then be requested to review it and liaise directly with SPS1.
6.2		189	ISUP v3 for ISDN-PLMN signalling interface Part2: Protocol Implementation Conformance Statement PIC		To be forwarded to WPB for information.
6.2		190	ISUP v3 for ISDN-PLMN signalling interface Part3: Test suit structure and Test purposes (TSS & TP)	N2/ WP-C	To be forwarded to WPB for information.
5.2.3/ 7.2		191	Proposed WI: Turbo Charger	Nortel Networks	A formal WI description was presented by Nortel Networks. Turbo charger requires some changes to the network architecture. Nortel Networks will be the rapporteur for the WI. Dates for scope and first draft do not match with dates of CN plenary meetings. Nortel will present the document to N1 next week. Formally there is sufficient support to create the WI, but further enhancements to the description were encouraged. Nokia raised the point that, in any case, the WI must be approved by the TSG as an enabling condition for investigating the issue. Nigel requested whether there will be a feasibility analysis as for the other WIs. Vodafone proposed in response a sequence of documents.
		192		Siemens Austria	
		193	N2 Status report	N2 Chairman	The progress report of N2 was presented by the N2 Chairman, Ian Park. More than 200 documents were produced and discussed in Edinburgh. Achievements were briefly presented. Agreed that the Turbo Charger WI is better dealt with in N1 (an LS was hence

					produced). T1P1 will be presenting the LCS CRs, endorsed by N2, to the next SMG#29. Due to lack of time, UMTS specs forwarded to N2 by the CN plenary were not discussed: they are in the highest priority order for the next meeting. Major impact expected on the N2 workload if the WIs presented for approval to CN are accepted. Clarifications about LCS related CRs was given to the T1P1 delegate: they will be approved by correspondence, although time is extremely short before SMG#29. Benefits and drawbacks of out of band transcoder control are not yet fully assessed. CN were asked whether an electronic approval of the Work Item was acceptable. Agreed that we start with an electronic exchange of messages, possibly deciding in a second time whether too convene a special meeting on the issue. Two documents on CAMEL Phase 2 delta specifications (elaborated on contract with SPS3) were presented for endorsement and further forwarding to the SMG#29 for approval. They were approved. SMG will be asked to give N2 a mandate for a Public Enquiry on CAMEL Phase 2 specification, in a similar way to what occurred for CAMEL Phase 1.
5.2.3		194	LS on Notification of Call forwarding in CAMEL Phase2	N2	Noted.
		195	CR to ASCI		All CRs were endorsed.
		196	CR to GSM 09.78 on CAMEL Phase 1 (Release 96)		Agreed to send it to the SMG plenary.
		197	Proposal for a joint meeting on Call related R99 issues		The document was noted.
		198	CRs to CAMEL (Release '97)		France Telecom raised concern on **CR 03.78-A104**. Vodafone explained that there is currently an ambiguity in the way a specific parameter, described in the CR, is populated and it was necessary to remove the ambiguity. The problem with the N2 proposal seems to be an incompatibility between CAMEL Phase 1 and 2. Instead of the CR, Ericsson proposed an additional section to explain the concepts of Call Reference Number etc. and volunteered to bring it at the next N2 CAMEL meeting. France Telecom also indicated that there is an available counterproposal (it was available in Edinburgh as well) and that the corresponding CR to 09.78 should be available as well. FT also

					observed that to reject the CR, without a counterproposal will not be acceptable: in case of low support from the floor, FT declared their availability to withdraw their proposal. After an overnight discussion, FT asked again to check the support given from the plenary to the original CR. Nokia endorsed the N2 position, Alcatel opposed it. The Chairman reminded the need for an explanatory text and the N2 Chairman volunteered in drafting/co-drafting it, so that SMG#29 can be briefed about the CR objective. SMG3 will tomorrow decide whether a CR from SMG1 is needed. The two CRs were approved as they are. Being these the only contentious ones, the whole document was consequently approved.
		199	CRs to CCBS		Approved
		200	CRs to GPRS		Approved
		201	Feasibility analysis of pre-paging.	TSG N2	Three advantages of pre-paging were briefly illustrated: higher usage efficiency of network resources, possibility to carry on in parallel authentication and handling of MT calls, possibility of Early Call Forwarding of MT calls to the Mobile Stations. Disadvantages: higher usage of radio resources (they are in use at the MS in order to pre-page it), allocation of an MSRN even if it is not used afterwards. The technical assessment is similar to the GLR one, but with less discussion. N2 should be encouraged to proceed with the WI. A new Work Item description might be needed, to actually do the specification. This is not the position of NTT DoCoMo: more important to elaborate a Time Schedule for the specification activity (Vodafone agreed). FT expressed a concern on the disadvantage of a higher radio resource usage (considered to be the most valuable) and did not support the WI for R99. Vodafone agreed but reminded FT that enabling prepaging in GSM network is a matter for Operators, not compulsory but optional. FT will not give support to the WI specification. Nokia expressed in favour of the WI, but the scope of the whole work should be better specified (Ericsson joined this request). Decision: to extend the current WI (Release 99), clarify the scope, elaborate a time plan. Some responsibility will be delegated to N2B to amend the WI, informing the CN plenary accordingly (work in parallel will accelerate work progress). N2B were encouraged to distribute by e-mail the WI description when it is available.
		202	Work Item description on Super Charger		The N2 Chairman requested to approve the WI description, although improvements to time schedule are still possible and necessary.

					Ericsson requested to be mentioned as a supporting company. Feasibility report and WI were presented at the same plenary meeting to save time and increase chances of having it completed for UMTS release 99. However, some confusion was generated by the document title. Nokia proposed to first complete the feasibility study and NEC UK agreed. CN noted the work item, charging N2 to complete first the feasibility study, which will consequently be reviewed in the next CN plenary. The WI was supported by FT, that noted that the October meeting will be rather late to approve the WI. Although some formal points were raised on the WI approval, the Chairman noted a strong support on the substance of the activity. NEC UK highlighted that the impact on 09.02 is still not clear. Nortel Networks requester whether CRs can be elaborated while the WI description is in progress. Formally they should not be discussed but it will be a matter for the flexibility of the N2 and N2B Chairmen to decide whether to accept them or not. An alternative is that CRs may be prepared and conditionally approved upon approval of the WI. In conclusion: N2 is charged with completion of the feasibility analysis and with a revision of the WI description that might then be extended by CN (in plenary of via electronic means).
		203	CR 03.03 on transfer of LSA information (SoLSA related)		Approved. To be included in the set of Change Requests for SMG#29.
		204	CRs to MNP		Approved.
		205	SA meeting report		Briefly commented by the CN Chairman. Currently inter-Operator handover is not foreseen. Work on QoS parameters must be accelerated. Several CRs to 22.100 were presented: an interesting one dealt with the need for more than one emergency numbers. N1 studied the issue and concluded that it is sufficient that Operators just arrange an additional emergency number. Work on Multicall is progressing (see also the meeting organised by N1 for end of June). Vodafone (M. Walker) made a presentation on security: GSM SIM should be allowed in UMTS terminals, but the option should be confirmed and implemented by each Network Operator. It is still an object for further study and the decision might change. 03.23 and 03.24 (Multimedia on CS) were studied. Packet Switched

					Multimedia will be based on GPRS PDP context. Not too much activity on O&M (S5), the group is waiting for inputs. Meeting dates from now on to the year 2000 were delivered, with the recommendation to leave free the week before each CN plenary (generally connected in time and venue with an SA plenary). Nokia observed that the Multiple spec was approved, but it is only for information. The GSM MoU Association sent an LS indicating that Interoperator handover must not a requirement for Release '99, but the DTI has a totally opposite view (as reported by NEC UK). Norber Klehn observed that all three fax options were approved (Maurice Pope to be contacted to provide the necessary amendment). In 6.1.3 the CAMEL support for GPRS-PSTN/ISDN interconnect should be an issue for N2, possibly after some initial work from N3. The issue of resources for Release 99 was however raised by the N2 Chairman. The report was eventually noted and the agreed feed-backs will be provided.
		206	CRs on PCS1900 Harmonisation		**Only the first one has been approved. The second was simply noted, because, as agreed, it will be brought forward by T1P1 to SMG#29.**
		207	CRs on SoLSA		Approved.
		208	CRs on TE&I		Approved.
		209	CRs on CTS		Approved.
		210	CRs to GPRS		Approved.
		211	CRs on Internet Hosted Octet Stream Service		The CR needs to be coupled to an equivalent CR from N2, that is currently in the bunch of GPRS. Approved.
		212	CRs on SIM Toolkit		A CR edited on R97 reference version but indicated as R98 change. A better check on the applicable Release was encouraged off line. Proposed to approve the CRs. The Release '98 version was agreed after checking.
		213	CRs on TE&I		Approved as R97 CRs. Analogue CRs should be prepared for Release '98 as well. They will be prepared next week in TSGN1#04 and forwarded to Franco Settimo after electronic approval.
		214	CRs on unstructured octet stream GPRS PDP type		Approved.
5.1		215	N1 meeting report		Presented by the N1 Chairman. One meeting was held at the end of April. Alain Sultan will be following only the next meeting, then he will be supporting other groups. Urgent actions for the N1 support are then required and the CN Chairman highlighted it.

Next week there will be an N1 meeting: they will approve CRs that cannot be endorsed directly by CN. Hence, the CRs will be put immediately on the server, will remain one week for analysis and reactions and, if not contested, they will be considered as approved and sent to the SMG plenary. The N1 Chairman will be the contact point for comments/complaints.

Incoming Liaison Statements were noted: in particular, SMG2 proposed to share responsibility of 03.56, which contains radio interface specific parts. It was proposed to SMG2 to split 04.56 in two parts, similarly to what has been done for 04.08.

In relation to an occurred episode, the N1 Chairman asked which copy, in case of contention between paper version (a more consolidated concept) and electronic version (currently, more widely used), should prevail. In such cases, a clarifying sentence in the meeting report should definitely close the question, according to the CN Chairman.

A new Work Item on Layer 3 Message segmentation (Tdoc 219) should be made available by the third meeting day.

Another attempt was made to split 04.08 in Radio Access part and Core Network part.

In GSM it is not possible to have multiple calls associated to different bearers: with a bearer-Id mechanism, as proposed by N1, it would possible to associate a transaction identifier to a radio access bearer and give a higher flexibility.

Study of bearer and tele-services negotiations was considered necessary, in order to allow the possibility of setting up more connections, during a call, than originally foreseen at call set up.

Asymmetric services for ECSD: inputs were requested from outside the meeting.

Max length of authentication parameters: an LS was sent by N2 to S1 and N1, and is available for information to CN as well.

Six more meetings for this year, three of them with no host for the moment. Noted that the joint session, foreseen for the next meeting, had been postponed for the Oulu meeting. For this particular event, it was recommended to book early hotels, due to potential hotel capacity restrictions (Finland is taking over EU Chairmanship in the period).

The way ahead for GPRS corrections in Release 98 and 99: when GPRS was born, its potential was underestimated, and no big progress has been made for Release '98, mostly corrections to

					Release '97. The process of cleaning up and improving GPRS should be accelerated. One possibility is to restrict changes to Release '98, somehow accepting that Release '97 will be incomplete for GPRS. Nokia raised the issue of potential impact on the rest of Release '97, which should be reasonably limited. Classmark split according to RAN-non RAN border or Release '98-Release '99? Something should be drafted overnight and discussed tomorrow.
		216	Location services		Background information on LCS.
		217			Withdrawn
		218			Withdrawn
		219	Layer 3 segmentation WI		It will be elaborated a bit further next week and it will be distributed by e-mail for approval.
		220	Set of 4 CRs		Presented by the N1 Chairman. Four different documents included. There are parts that will remain 04.08 and parts that won't, being core network specific. The RR section will be transferred to SMG2. The CRs were approved.
		221	SMG4 GPRS CR's Transferred to SMG3 WPD		Presented by the GPRS SMG4 group Chairman. Four of the attached CRs were approved by SMG28 but then put on hold because the set was not complete, now it is, with the addition of 2 CRs. The CRs were noted, as well as a more stable status of the related Specifications.
		222	CR 03.03-A027r1 on reallocation for CAP, gsmSCF, SIWF, GGSN, SGSN, SMLC and GMLC		The CR was approved. Similar documents will be produced by NEC for the other Releases. It was requested to forward the CR to the attention of S2, who are meeting the same week in the same hotel.
		223			Go to electronic approval.
		224			Go to electronic approval.
		225	CR to 09.60		Presented by CSELT. A companion CR was presented to the S2 group during this week. The current CR is hence submitted for alignment. Presented here to expedite the process. Approved.
		226	CR to 09.60		Release '98 equivalent of the previous one, also presented by CSELT. Approved.
		227	List of Work Items in the N1 and N2 areas		Presented by the N1 and N2 Chairmen. Based on a PT12 list after SMG#28, focus of the authors was addressed to the ongoing WIs. In 3GPP there are certainly more recent WIs, that should be added to the list.
		228			Duplication of 231. Withdrawn.
		229	CRs related to MSP Phase 1 (Release '98)		Presented by the SS ad hoc Chairman. Siemens proposed to convert

					the MSP spec into a Technical Report but Vodafone objected, since there is normative material in it. The third CR will stay out one week for approval by correspondence in NSS and after that it will be considered as approved.
		230	Additional CRs to CAMEL Phase 2		Approved
		231			List of specifications transferred with the new numbering scheme. A list follows with the Specs that could be possibly transferred at the next meeting. Proposals were encouraged about the Specs to be transferred but a careful analysis of the document seemed necessary first (e.g. 04.78 CAMEL Phase 3). Hannu proposed to apply the new numbering mechanism for CRs starting from SMG#29. Nokia requested clarifications on the line corresponding to Spec 25.925 which does not exist. T-Mobil noted that 09.07 was transferred (29.007) although it was decided not to transfer it. Vodafone suggested to add a 7th column with the indication of the Working Group responsible for the specification. 23.003: CN plenary, 23.007: etc. Harald will give me the file when it is completed. A second table lists Specs that might be transferred at the next SMG plenary. 03.60 should be transferred to 3GPP, as well as 03.66, 03.94. Steffen noted that 03.97 is missing in all tables. 04.78 should be version 6.3.0. SMG6 should be encouraged to transfer 12.15. Harald will forward the comments directly to Ian Doig.
		232	3GPP CR form		New CR form to be used for the 3GPP Change Requests. It was recommended to still use the old form for ETSI Change Requests.
		233	Alternative CR against MSP-Phase1		Noted. The principle was not agreed. Siemens was invited to bring forward a CR directly to SMG#29.
		234	Work Items in TSG_CN WG3 / SMG3-WP-D		The document was noted.
		235	Draft Meeting Report of the SS ad-hoc group		Noted.
		236	Organisation of TSG CN SS ad hoc		Presented by the SS ad hoc group Chairman, it contains an overview of the organisation of the SS ad hoc group. ToR are included in the document. Close cooperation was requested with SMG3 WPB, the

					work of this group will continue in the ad hoc group. The Chairman will be elected at the next meeting. Terms of Reference: development and maintenance of Supplementary Services were endorsed. Chairman's election is an internal matter.
		237	SS ad hoc meeting report		Presented by the SS ad hoc Chairman, who briefly went through all the covered issues. Euro CNAP was removed as a Work Item. Clarified that the WI is owned by SMG3. While discussing CCBS, it was recommended to N2 to stick with the agreed activity on pre-paging, without studying the application for the busy case. The impact of pre-paging on CCBS will be significant.
		238	Invitation to N1 meeting		Invitation to the joint meeting on multimedia and multicall. Agreed that it will be e-mailed to the N2 and N1 exploders.
		239	CR to 23.003 for Release 99		Go to electronic approval.
		240	CR to GSM 03.82 on Modifications to call forwarding due to CAMEL Phase 2 for Release '97		Already approved in the bunch of Change Requests for CAMEL Phase 2. Noted as a duplication.
		241	CR to GSM 03.18on CAMEL Phase 2 (Release 98)		The missing CR 03.18 – A048 was approved
			Next meetings		Next meeting will be in Korea 6 – 8 October, starting at 10:00.
		242	SMG3 meeting agenda		The Chairman went briefly through the agenda. For Release '98 we would have to produce formally two CRs, one of these converted into 3GPP documents. History tracking requires this (apparent) duplication, in addition to the purely formal issue of producing a Change to an official 3GPP document. Other clarifications, including the future of Release '99 for GSM as probably discussed in the future SMG plenary meetings, were then given. It was noted that the meeting at the end of June in Oulu might be without any support from the MCC, since there is a clash of interests with the primary activity of the experts after an SMG plenary (highest priority was identified in CR implementation). It was also proposed that the CR approval/decision process for the GSM specifications could be managed and concluded at the SMG3 level or transferred to CN, to avoid any conflict with the CN approval level. It was also observed that for CN this process would be easier than for other 3GPP TSGs.
		243	Elections	CN Chairman	TORs are not completed for Steffen Habermann, Hannu Hietalahti and Harald Dettner. The two years terms of office are completed for Ian

					Park. Norber Klehn acted as convenor for WPD. Ian Park is a candidate for the position of Vice Chairman. Norbert Klehn withhdrew his candidature for the position of WPD Chairman. Graham Heaton also wished to withdraw his name for the same position. **Summary of this part: can you please write it down for me, Harald?** Ian Park elected as Vice Chairman of SMG3 and WPC Chairman. Steffen Habermann was asked to continue as WPB Chairman and accepted. Norbert was elected WPD Chairman.
3		244		Vodafone	CR 03.78-A107against CAMEL Phase 1 specification. Drafted as a result of the discussion in plenary. It was necessary to do something in the text, a health warning. The same warning is not necessary for further releases, because the problem has been fixed with a different Change Request. **The CR was approved.**
		245		Vodafone	Vodafone received two LSs. T1P1 will present the CRs to the next SMG plenary and SMG3 should support them. Liaison Statements were noted.

Red: Document not available electronically

Yellow: Document available electronically

White: Document treated