

3GPP  
Technical Specification Group Services and System Architecture  
Meeting #3, *Yokohama*, Japan  
26 ÷ 28 April 1999

Document **SP-99163**

3GPP  
Technical Specification Group Core Networks  
Meeting #3, *Yokohama*, 21<sup>st</sup> ÷ 23<sup>rd</sup> April 1999

Document **NP-99xxx**

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**Title:**           **Draft meeting report of CN#3 Plenary**

**Document for:**   **Information**

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## **1    Opening of the meeting**

The third meeting of 3GPP TSG CN was held from 21 to 23 April 1999 in Shin Yokohama, Japan, at the invitation of ARIB and TTC. The meeting was chaired by the CN Chairman, Mr. Harald Dettner (Siemens).

Delegates received a warm welcome address by the host. Mr. Nobuhiro Horisaki opened the meeting, highlighting the beauty of the venue and the strategic importance of a truly cooperating environment.

Concerning practical arrangements, the decision of starting a 10:00 a.m. local time, agreed at the plenary in Fort Lauderdale, was recalled and it was also announced that the meeting needed to close at 15:00, Friday, due to other engagements of the meeting room.

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## **2    Adoption of agenda**

### **Tdoc NP-99078**

Agreed; the present report will follow its structure. The document allocation to agenda items was then briefly discussed and reviewed. Participants requested to have the document allocation table, although a living document, and the request was accepted by the Chairman. Documents will be numbered (Emmanuelle Wurffel will take care of this job) and hard copies will be available to everyone.

The Chairman then introduced the vice chairman, Mr Stephen Hayes and the two assistants for this meeting, Mr. Sumio Miyagawa and Mr. Franco Settimo.

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## **3    Meeting Report of TSG\_CN#2**

#### **Tdoc NP-99077**

From the Fort Lauderdale plenary. Previously circulated by e-mail, no comments received, with the exception of the meeting start time, the first day, i.e. 10:00 a.m. local time. The Chairman expressed the wish of having a participants list, not only a list of registered delegates.

After a few minor comments, the meeting report was approved.

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### **4 Reporting from other meetings of relevance (TSG\_xy, SMG)**

#### **Tdoc NP-99081**

Meeting report of PCG, prepared by Adrian Scrase. The composition of PCG was first illustrated. Upon Nokia request, clarifications were provided about the WG/TSG autonomy of sending LSs. Vodafone requested whether PCG has identified the groups TSG CN is authorised to liaise with. The chairman clarified that other groups within one of the partners organisation need not be announced to PCG, hence the TSG\_CN2 relation to ETSI/SPS3 for the elaboration of the CAMEL Phase3 specifications requires no further mentioning towards PCG. An action point was taken by the Chairman to clarify the following issues:.

- If one TSG liaises with an external group, does this then also hold for all other TSGs?
- Does PCG want to be notified on the amount of ongoing Liaison exchanges?

Confirmation of Chairmen elected; the working methods were endorsed and consequently adopted for 3GPP.

About support requirements, 4 man years per year for CN were estimated and reported to the MCC. However, after a period of relative uncertainty, the newly taken decisions in ETSI seem to indicate that a more stable secretarial support has been put into action (the ETSI GA, in progress this week, should endorse this decision).

It is still to be clarified whether there exists some form of control on people who try to access the 3GPP mail exploders and register themselves.

#### **Tdoc NP-99082**

SMG#28bis meeting report, in relation to 3GPP CN matters. It was stated that all support arrangements on mobile activities in ETSI converged into the MCC (Mobile Competence Centre), a structure that is now operative, also from the institutional point of view since the forthcoming ETSI GA should deliberately endorse this matter.

SMG#28bis endorsed the future maintenance and evolution of the SMG3 specifications in the joint SMG3/TSG\_CN groups. For GSM 04.08, the transfer should be managed after the split for version 7 has been performed. The work items for transfer to 3GPP should be transferred as far as they had been under SMG3 responsibility so far.

With regard to the specification inheritance from SMG and its allocation to distinct groups it was reported that the GPRS stage2 specification (GSM 03.60) is transferred to SMG12/TSG\_SA1.

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### **5 Status of work in TSG\_CN Working groups**

#### ***5.1 Reporting about N1 issues***

#### **Tdoc NP-99111**

Contains the report of the recent N1 meeting and was presented by Hannu Hietalahti, N1 Chairman. Because of the lacking of secretarial support he had to chair the meeting and in parallel to cater for the minutes of this meeting.

As vice chairman for TSG\_CN WG1 was elected by acclamation: Mark Fenton (Ericsson UK, ETSI)

Some LSs were presented individually, asking for comments and/or reactions (refer to Tdoc NP-99112).

#### **Tdoc NP-99112**

LS on *Location Services Specifications*. Endorsed, with the exception of the reference version of 04.08 that needs to be 7.0.1. It can be forwarded to T1P1.5. **Action Point to Franco Settimo:** to send the LS (Tdoc N1-99165) to T1P1.5, with copy to TSG\_RAN and SMG2. The reference persons are found by e-mail at: ed.ehrlich@nmp.nokia.com and sdoshi@nortelnetworks.com.

NOTE: the LS was sent by FS on 23. April 99, but it was delivered only to Ed Ehrlich (mail system problems).

LS on *Addition of Daylight Saving Time* (Tdoc N1-99198) was then presented. A CR has been drafted following an SMG1 requirement. Some discrepancy with the titles indicated in the report were identified: agreed that the LS prevails.

LS on *UMTS Call Control and Session Management* (Tdoc N1-99197) followed. The discussion was postponed to until the visit of S2 – representatives. There it was clarified that S2 meanwhile decided to go for multimedia services transported transparently using GSM SM (GPRS PDP). In this LS this is option P5c.

LS on *ME Execution Environment* (Tdoc N1-99196) was then presented. Point (1) indicates that it is not possible to work in conjunction with MSP: Vodafone requested that further study was rather required. The LS was endorsed and it will be sent out, with this change.

LS on *Timer definition in the network initiated MO call procedure* was then presented (Tdoc N1-99039). Endorsed. To be sent to the SS\_ad-hoc/WPB Chairman.

LS on *UCS2 bit in Classmark 3* was then presented. SS\_ad-hoc/WPB stated that UCS2 classmark bit is not considered prior to sending a UCS2 encoded USSD string to the mobile.

Tdocs N1-99232 and N1-99233 of the forthcoming N1 working group meeting are important documents for the split of GSM 04.08. The announced documents will be the skeleton of a list of content. All references to 04.08 will survive, but it will be something like a pointer to a pointer. The intention is to have it available, in this splitted form, prior to the next TSG\_CN/SMG3 plenary meeting end May. Nothing will be changed internally to the text, simply the structure will divide the spec in several parts.

Some clarification about the concept of Advanced Multicall (item 7.10) were then requested: most likely, the concept is not generally clear to all N1 and SA participants. The session where SA2 chairman and some other experts present their relevant material should be used to clarify this concept and critical issues. People who elaborated the original idea were encouraged to submit clarifying contributions.

About meeting calendar, questions were raised about the future schedule of N1, not reflected on the web site. Meeting information should be made promptly available on the 3GPP server.

#### **Tdoc NP-99113**

Superseded by Tdoc N2-99127.

#### **Tdoc NP-99127**

The CN1 chairman explained that all 04.08 CRs which will be approved will not be incorporated immediately in the specification but put on hold until the split of the specification in an RR-Part and an MM/CC part is completed.

The CRs are only available electronically. Presented by the N1 Chairman, who was requested by Vodafone to proceed sequentially as ordered in the PDF file..

CR 04.08-A507r1 should not be a correction (Cat A), according to T-Mobil, but editorial (Cat. D). The N1 Chairman did not agree, and eventually the CR was endorsed as it is.

CRs to 04.68-A009r2 and 04.69-A007r2 were both approved.

CR A001 and A002r1 against 04.56 were both approved.

CR A371r2 against 04.08 was approved

CR A505 against 04.08 and A009 against 09.10 were endorsed: the second one was also approved by N2 Working Group B.

CR A467r2 against 04.08 was approved.

The listed CR 04.08-A503 was not approved because of inconsistencies.

CR A051r1 and A055r1 against 04.64 (GPRS) were endorsed.

CR A469r2 against 04.08 was postponed to a later session of the meeting (->NP-99139).

CR A503 needed to be put on hold because of clarifications on document number. It was also remarked that Tdoc N1-99167 reports on the coversheet that the CR A024r1 is against 09.18, although the page headers report 09.10. This CR needs to be put on hold as well. \_(->NP-99139)

CR A055r1 against 04.64 was approved.

CR A621r2 to 04.08, although not contained in the CR document (but in Tdoc 112), is endorsed.

A revised version of the Tdoc coversheet was requested and it will be produced (Tdoc 139).

CR 04.08-A621 was postponed, after checking a revision was presented for approval (-> NP-99145)

#### **Tdoc NP-99128**

To be forwarded to CN1 for further consideration: **AP Franco Settimo** .

#### **Tdoc NP-99126**

Agreed to forward the LS to SA2, prime responsible for 03.60. **AP Franco Settimo**.

#### **Tdoc NP-99139**

Revised front page of Tdoc NP-99127, to cope with the clarifications requested during the discussion of the original document.

CR 04.08-A469r2, , was approved. Due to a copy/past error a wrong CR was tabled in NP-99127.

For CR 09.18-A024 it was clarified that the CR as well as the attached modified pages refer to 09.18, the headline because of a tool problem indicates a wrong specification. With this clarification the CR was approved.

#### **Tdoc NP-99120**

This Liaison from SMG1 requests to introduce a new parameter in the relevant specifications (04.08) to enhance the NITZ feature to cater also for Daylight saving time (DST).

SMG3 WP-A / N1 have already received and treated this LS. The response towards SMG1 can be found in NP-99112 and the respective CR in NP-99127 and a revision in NP-99145.

#### **Tdoc NP-99145**

Revision of a CR on IE Daylight saving time (now CR04.08-A621r3), to include properly the comments raised in the CN plenary. The revision was produced here because of clash of Information Elements Identifier.

The CR was approved.

A SoLSA CR (???) needs also to be presented for approval to the next SMG plenary (number will be provided off line). This was approved at SMG3 in January but not presented for approval at SMG#28. **AP Franco Settimo** to clarify the issue.

The CN chairman explained that the approval procedure for TSG\_CN specifications and Change requests needs some future alignment with SMG approval activities in general since the specifications are commonly shared between the two groups. To resolve the situation for the moment until further clarification the "approved" CRs are listed and phrased as "endorsed by TSG\_CN".

## **5.2 Reporting about N3 issues**

### **Tdoc NP-99083**

The CN3 report of meeting #2 was presented by the CN3 Chairman. Since the meeting of CN3/WP-D was held in the context of SMG4/TSG\_T2 all documents are numbered according to the TSG\_T scheme. After some further clarifications the report was approved.

### **Tdoc NP-99108**

Also the report of meeting CN3#3 held last week, in Sophia Antipolis, was presented by the CN3 chairman. The report was approved.

During the 2<sup>nd</sup> meeting of CN3 no candidate for vice chairmanship was announced. In the meantime one and only one candidate showed up and was elected by acclamation. It is Achim Brand, ALCATEL, ETSI.

### **Tdoc NP-99109**

This document contains a set of LSs sent by CN3 to various groups.

The LS in tdoc T2-99186 informs S1 and T2 that for real time fax service support 3 alternatives will be specified:

- real-time non-transparent based on 03.46 enhancements,
- real time non-transparent based on T.38 as described in 22.45 and
- store-and-forward based on T.37

Lucent and Fujitsu showed up to be added as supporting companies of the WI on non-transparent fax based on 03.46 evolution. It was mentioned that two out of three of the alternatives (T.3x based) listed in the LS do not require further specification work. The further discussion on this subject is reported with td NP-99110.

Tdocs T2-9919 contain a LS to various groups and attached to this a proposed WI on "Service control (CAMEL) support for GPRS/PSTN/ISDN interconnect services (Tdoc T2-99191).

The N2 Chairman clarified that, for the time being, GPRS is used as a bearer. There should be at least the potential for CAMEL to control GPRS as a bearer, but to also control applications like voice or video is unrealistic to be expected for Release '99. The view was supported by France Telecom and various other delegates, reminding the long time

spent to develop the basic call model for CAMEL, not yet completely stable and the tough schedule to meet CAMEL Phase3 requirements. In summary, the substance of the WI was found acceptable, but time schedules cannot be reasonably met and for the moment the WI has not the requested amount of supporting companies therefore the WI is not approved by TSG\_CN for the moment. Especially the SA groups are kindly invited to comment on this proposed WI and give guidance on its further treatment.

The LS on Streamlining of data services was noted for the moment (see 6.2.1).

The LS on Introduction to EDGE also included a CR to 07.03 (LS to SMG4). It was noted that the CR (at least the hard copy) has no visible change bars: the PDF-soft copy, however does. **ACTION POINT Franco Settimo:** to get a CR number for the Change Request to 07.03 contained in Tdoc WP-A 99-063 (Tdoc N2-99109, for this CN plenary).

#### **Tdoc NP-99110**

The document contains a series of Work Items.

The WI on Synchronous-to-Asynchronous HDLC service. was approved and CN3 was encouraged to progress with the work. Nokia recommended a shorter abbreviation for the service and an AP was assigned to the Rapporteur. Since 02.02 and potentially other 02-series specifications might need to be updated in this context, Vodafone requested to check whether a corresponding LS to S1 has to be sent out, to brief SA1 that CRs to 02.02 will be necessary in the future. Volunteering supporting companies shall contact the N3 Chairman.

The WI "Bearer capability allocation between UMTS/IMT-2000 and other networks" was withdrawn.

The WI "Real-time non-transparent FAX (Enhancement of 03.46) in UMTS/IMT2000 was discussed in length.

The optionality of the work item, requested by France Telecom, should appear in the justification. Since real-time non-transparent fax will be an Operator option, the following wording was agreed tentatively: "*according to a decision by 3GPP TSG SA WG1, it shall be possible to support the real-time non-transparent fax in UMTS/IMT-2000*", since the possibility to implement it does not mean it is mandatory, but requires that specification is available. It will be a matter of interworking between networks supporting and not supporting the feature to co-operate without collapsing, as in most cases of interworking. Finally the text was not approved but an ad-hoc group was established to come up with a revised WI-description sheet (-> NP-99140).

#### **Tdoc NP-99140**

The results of the drafting group on real time fax were postponed until paper copies were available. Amendments to the previous formulation were commented, in particular that related to the necessity of a specification. France Telecom basically agreed but requested a note saying that alternative solutions to support real time fax are not precluded. This note was not added, although it was noted that the WI only mentions one implementation.

Nokia also objected that there are viable alternatives to provide the same service.

Finally the WI as presented in NP-99140 was approved with the following explanatory note: The real-time fax based on 03.46 enhancements is only one alternative to implement this service and does not preclude other implementations based on other techniques, eg an T.38 based / application like solution which does not require further specification work in 3GPP.

### **5.3 Reporting about N2 issues**

#### **Tdoc NP-99097**

Executive summary of the Issy-les-Moulineaux meeting report, prepared by the N2 Chairman. Uncontested elections of Chairman and Vice Chairmen were reported and achievements were highlighted in chronological order. Progress in CAMEL Phase 3 was briefly reported as well as the intense activity on GSM Specs maintenance. Several LSs were sent to various bodies and are presented to the CN plenary for information.

As chairman is elected: Ian Park, Vodafone, ETSI, two vicechairmen were elected by acclamation: Steffen Habermann, T-Mobil, ETSI and Yun-Chao Hu, Ericsson, TTC. Steffen Habermann will chair subgroup A (CAMEL) and Yun-Chao Hu subgroup B.

#### **Tdoc NP-99136**

Executive summary of the N2A/SPS3 joint meeting report. Mostly focused on CAMEL Phase 3. Noted.

#### **Tdoc NP-99099**

Set of LSs elaborated by N2 and already sent to the destination bodies, presented here for information. The 1<sup>st</sup> LS was simply noted. The *LS on Turbo-Charger and Super-Charger* raised some discussion, but it was then decided to continue debate in the afternoon, in the joint session with S2. The 3<sup>rd</sup> LS deals with *Out-of-band transcoder control*. Some economic justifications were provided to the feasibility study, for which results are expected by the next CN plenary. N2 was encouraged to proceed with the study and inform S2 of the achievements.

The LS on *Called Party Number Modification Check in CAMEL* was noted.

The LS on *Service Requirements for DTMF* user interaction was noted as well.

The LS on *Pre-paging* aims at informing that N2 is studying the issue. Work is going to progress in the next week N2B meeting and results are expected until the next CN Plenary (end of May).

#### **Tdoc NP-99106**

A proposed LS to T1P1.5 on *Harmonisation CR to GSM 09.78* was presented for approval by the N2 Chairman. Treatment of the associated CR to 09.02 was deferred to the May meeting of N2 in Edinburgh. The LS content was presented in some detail, clarifying that no CR is required to v. 7.0.0 of 09.78. CN was requested to endorse the LS. Clarified that the attached CR is stable and will be formally presented for approved in the May N2 meeting. The LS is approved

The N2 Chairman will amend the LS, changing the source, and pass it to Stephen Hayes directly, to speed up delivery to T1P1.5.

A proposed LS on the *Requirement for Active Location Retrieval in CAMEL Phase 3* was then presented. It was clarified that 10.78, although not a specification, is a very important place for technical decisions, not only a description of project scheduling. It was also clarified that the actual scope of the LS is not of proposing a Localisation method but of asking S1 whether they want a location retrieval method in relation to CAMEL Phase 3. The LS is approved.

Proposed LS on the Requirement of Mobility Management in CAMEL Phase 3. Approved.

**ACTION POINT to Franco Settimo to mail them**, Ian Park will do the editorial adjustments to the front pages of the three LSs and pass a copy to Franco (done!).

#### ***5.4 S2 presentation***

##### **Tdoc NP-99104**

Teuvo Jarvela illustrated the S2 activity giving first a general view, then entering more details. The S2 Terms of Reference were described, highlighting the role of project co-ordination in 3GPP as well as the continuation of the SMG12 role, since S2 has adopted all UMTS

related SMG12 work. Harmonisation with SMG12 is ensured by joint meetings, even if SMG12 is still responsible for maintenance of GSM specs and control on pure SMG issues.

A presentation of 23.01, General UMTS architecture, then followed, with the distinction of the various Domains that describe the reference architecture. The concept of UMTS Strata was then introduced. Document noted.

**Tdoc NP-99146**

UMTS Spec. 23.30 explains the principles for Iu, the interface between Access Network and Serving Network. The traffic flows supported by Iu (dedicated circuits for voice, best effort circuits for IP) were briefly listed. Noted. It will be forwarded to N1 and N3 for detailed review and consideration: **Action Point Franco Settimo.**

**Tdoc NP-99101**

Oscar Lopez Torres (T-Mobil) presented the UMTS Access Stratum, specified in UMTS 23.10, highlighting the Functions made available from the Access Stratum itself. No questions were raised. The document is noted. It will be forwarded to N1 and N3 for detailed review and consideration. **Action Point: Franco Settimo.**

**Tdoc NP-99147**

UMTS 23.20 was presented by Lucent Technologies, starting with a historical background. The key issues were then listed in sequence, followed by a summary of the substance of each chapter. Section 7, in particular, was indicated as the most relevant to CN and was considered rather stable. It was further reported that S2 intends to outsource the stable parts of 23.20 in an own specification. Comments to section 7 were then encouraged.

Section 7 of this spec will be immediately forwarded to CN1 for their next weeks meeting, CN2 will receive an updated version of section 7 which contains improvements achieved during the just closed SA2 meeting.

The SA2 chairman expressed the need of detailed analysis of this section 7 especially with regard to mobility management. After this exercise it will be decided whether an additional stage 2 specification for this topic is needed or whether the material is sufficient to start stage3 specification work.

**Tdoc NP-99142**

LS from S2 on UMTS Call Control and Session Management, still presented by Lucent Technologies. Of the three alternatives listed, the one based on a CC/SM protocol run transparently via a PDP-context was agreed as a working assumption and was then reflected in 23.20. TSG-CN were then requested to align with this approach. The assumption was found acceptable but it was again highlighted that time schedules are too stringent to develop it for CAMEL Release '99.

Planning joint meetings with some of the working groups of CN was found a useful idea, even if it was not possible to find a suitable date. It was however proposed, as a viable alternative, that S2 meet with the relevant working group(s) of CN sometime during the next CN plenary in Sophia Antipolis, since both TSGs are meeting in the same week and place. An e-mail discussion should precede the meeting if so decided, in the interest of efficiency. The N2 Chairman highlighted that CN delegates, in general, do not also participate in the working groups: to motivate people to participate in such a joint meeting (immediately after an N2 plenary), the items for discussion must be circulated quite in advance.

The CN Chairman encouraged the working groups to establish especially S2 efficient direct links, without unnecessary hierarchic information exchange.

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**6 TSG\_CN work program**



#### **Tdoc NP-99100**

Withdrawn.

#### **6.1 Requirements in Work Items / Evaluation by Feasibility Studies**

#### **Tdoc NP-99105**

Draft Technical Report on Gateway Location Register. It was noted that it is a first draft, susceptible to improvements and the ad hoc Tokyo meeting of next week will be a valuable opportunity to meet such a requirement. The document was noted without detailed presentation due to its immature status, comments and progress is expected until the next CN meeting where a decision on incorporation of this concept in Rel'99 shall be drawn.

#### **.. 6.2 Requirements in UMTS specifications**

#### **-- 6.2.1 22.xx series requirements**

#### **Tdoc NP-99085**

UMTS 22.00, elaborated by S1, seems to be one of the key specification in the area. Agreed to forward the document to N1, N2, N3 for detailed analysis (**Action Point to Franco Settimo**). Feedbacks expected by the working groups for Release '99: Chances are that part of the requirements might be already fulfilled.

The floor was informed that next week, about 10 CRs, three of them relevant to the Core Network (Variable length of authentication parameters, multiple emergency numbers, multical, mutual authentications, optimisation of internetworking traffic, optimisation of signalling in case of international roaming) should be discussed, might be approved by the SA Plenary and as such included in 22.00. It might then be appropriate to wait the update of 22.00 for distribution in the working groups.

#### **Tdoc NP-99086**

UMTS 22.01, approved by SMG and transferred to 3GPP. It seems an interesting document for N2 (**Action Point to Franco Settimo**). Proposed to distribute it for review to the working groups, that are invited to react. The same comments (see Tdoc NP-99085) about potential SA1 originated CRs, to be approved next week, apply.

#### **Tdoc NP-99087**

UMTS 22.05, approved by SA and put under change control. To be forwarded to all the CN working groups. (**Action Point to Franco Settimo**).

#### **Tdoc NP-99088**

UMTS 22.07, with information on smart card concept and terminals. The floor was informed that this document is not going to be updated any more, as well as 22.24 and 22.70, based on the role model which was deleted.

#### **Tdoc NP-99089**

UMTS 22.15, deals with Charging and Billing, derived from 22.01, seems to be intended for Release '99. (**Action Point to Franco Settimo to distribute it**).

#### **Tdoc NP-99090**

UMTS 22.21. It deals on Virtual Home Environment, giving some clarifications on the concept plus some useful info on the open service architectures. The most advanced features do not seem required for Release '99. (**Action Point to Franco Settimo**): to distribute it to the working groups.

#### **Tdoc NP-99091**

UMTS 22.24 deals with Charging and accounting mechanisms. The specification is said to be

no longer maintained by SA1.

**Tdoc NP-99092**

UMTS 22.25 informs about QoS parameters and related topics. No detailed check from the working group expected now since the document is going to be updated soon. The updated version shall be analysed by the working groups N1/2/3. Noted.

**Tdoc NP-99093**

UMTS 22.60, for information to CN. This report might give useful background material. Noted.

**Tdoc NP-99094**

UMTS 22.70. No longer maintained. Relevant content will migrate to 22.01.

**Tdoc NP-99095**

Automatic establishment of roaming relations. Difficult to find special issues for interest to the CN working groups, the document might be of more interest for SA5

**Tdoc NP-99096**

UMTS 22.75. Advanced addressing techniques, e.g. calling a mobile using the e-mail address of the subscriber. To be forwarded to the CN working groups N1 and N2 for review. **(Action Point to Franco Settimo).**

**Tdoc NP-99121**

LS from SMG1 to SMG3 on data streamlining, proposing to delete some bearer services and other features related to data services. It was noted that some GSM specs are mentioned, and beside others SMG3/TSG\_CN seems to be requested to take decisions about them. Vodafone noted that some of the mentioned services need to be kept, since they are used in the MAP negotiations between HLR and VLR. Enhancements are already in progress, but there are evident reasons of backwards compatibility that recommend to keep some of them at least virtually. Other services were recognised to be unused.

N3 has reviewed all these CRs and seems to be in favour of the deletion of such services although attention is to be paid on the impact on existing implementation (there must be no impact). No WI has been identified by SMG1 to justify their decisions. Use of TE&I, as someone suggested, seemed too nebulous and a specific WI was again recommended.

**Tdoc NP-99129**

CR 02.01 on Data streamlining

**Tdoc NP-99130**

CR 02.01 on Deletion of Terminal reference model.

**Tdoc NP-99131**

CR 02.02 on Alternate speech data services

**Tdoc NP-99132**

CR 02.04 on Bearer services deletions

**Tdoc NP-99133**

CR on Dedicated PADs and Packet Access.

In general SMG3/TSG\_CN welcomes the principle of this CRs, but time for careful checking and analysis of further consequences of this proposal – eg. generation of additional CRs in SMG3/TSG\_CN domain - is needed. The question could not be answered on which WI

to account the related work for this "streamlining task" and what to announce on the respective CRs as WI. The chairman promised to clarify this offline with the support team and the other involved chairmen.

**Tdoc NP-99123**

Answer to an LS on UMTS Simultaneous Mode. There might be an impact on N2, according to Vodafone, but the impact on N1 is stronger. To be forwarded to N1 and N2 (**Action Point to Franco Settimo**).

**Tdoc NP-99124**

LS from SA1. Noted, no particular interest identified for CN working groups.

**Tdoc NP-99134**

LS from SMG1 on Automatic Execution Workshop. No action identified for CN. Noted.

**-- 6.2.1 33.xx series requirements**

No documents regarding security requirements were received.

**Tdoc NP-99143**

Document on CAP SCCP SSN allocation presented by NEC. The question of NEC was already raised to SMG3-WPC several months ago, some action seems now required since the issue was never completely resolved. The activity has been formally committed to N2, with the mandate of reporting to the next CN plenary. However, the N2 Chairman expressed concern. WPC analysed the issue: to adopt national SSN for CAMEL and then discover that messages do not go transparently to the international signalling network would be a disaster, especially for roamers. Guidance from Japanese colleagues would be welcome to understand which drawbacks they envisage in continuing to use the same approach (Code Point with value 5) used so far.

N2 should analyse in detail whether the different values could coexist in the future and the problem might be overcome by a codepoint mapping function at the network border

Furthermore all companies and especially the operators are encouraged to investigate from when on it can be expected that the flexible SS7 option according to the new Q.713 standard will be implemented in the international gateway STP's.

**Tdoc NP-99144**

LS from T2 on Support of SMS. To be forwarded to the working groups, in particular N3 and N2, with the task of responding to the LS. **Action Point to Franco Settimo**.

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## **8 Administrative / Organizational issues**

**Tdoc NP-99102**

A Work Item Strategy model in TSG-CN was presented by Ericsson. The objective seems a quick and clear identification of the essential items for a basic UMTS core network, postponing implementation of the "nice to have" additions. After a comment from Nokia, Ericsson clarified that there is no intention to stop or delay progress on specific work items, i.e. of interfering somehow with the implementation priorities established by individual manufacturers. Nokia seemed to agree with the principles of the document, but identified difficulties in Step 1, i.e. the identification of the basic features (with

reference to 22.05), given that S1 has encouraged CN to support their work of specifying useful and/or missing features.

Vodafone and Nokia seemed to agree on a two step (instead of three) prioritisation procedure, with necessary and non-necessary features.

In one month time, the CN plenary should have a clear feedback from the working groups whether it is feasible to implement the minimum set of functionality identified in 22.00 and 23.20 (section 7) in Release '99.

This idea can be presented as a CN working assumption to the SA plenary next week.

Agreed that the list amended with 22.00 and section 7 of 23.20 will then be presented as a very soft working assumption and, after a more formal revisitation at the May plenary, more substantial information will be delivered to SA end June. An LS will be produced by the Chairman for the SA plenary of Monday.

#### **Tdoc NP-99098**

Structure and numbering of the 3GPP specification series. It includes list and high level content of the 21, 22, 23 etc. series of specifications. The 25-series (Radio) has a numbering structure that includes the possibility of having 3-digit identifiers for each specific Recommendation. Mapping from existing GSM specs can be derived by addition of 20 and inclusion of another 0. For example, 09.60 would become 29.060. The scheme is not yet approved but this is tentatively the principle which shall be applied.

#### **Tdoc NP-99084**

A list of all the Specs inherited by 3GPP CN, with the indication of which Working Group will have prime responsibility for each specification. A revision of this document is in NP-99107.

#### **Tdoc NP-99107**

Revision of NP-99084. Taking into account N3 comments. The document will be forwarded to the MCC support team with the hope to finally be put on the 3GPP web.

#### **Tdoc NP-99138**

Nokia comments on the specification list contained in Tdoc NP-99107, proposing that a part of the SMG3 specs remain under sole responsibility of SMG3, not transferred to 3GPP. The chairman committed himself to produce a list of all those specifications which remain entirely in SMG3. For the issues related to the SS-ad hoc, the Chairman would prefer to take a decision when the future of the ad-hoc group will be decided. The ad-hoc group might become a permanent group or be incorporated in another working group.

#### **Tdoc NP-99135**

Nokia contribution on the April pre-release.

After some discussion and clarification it was agreed that a formal April pre-release will not be produced.

Two separate phrases are currently in use: The baseline specification for UMTS release'99 is still unchallenged GSM Release'98. Since not all CRs were delivered in time for SMG#28 there is a gap which is planned to be filled at the end June SMG#29/SA#4 meeting.

The April '99 release (for CN) can be identified as the specs under SMG3/TSG\_CN control in that version which is output of SMG#28. For 04.08 the split task for this specification has also to be taken into account.

#### **Tdoc NP-99149**

List, prepared by Ian Doig, of all the approved SMG#28 Specs, with the most recent version. To

be used as a baseline reference for the future evolution of CN CRs. The document can be taken as a working assumption.

**Tdoc NP-99150**

Contribution from the 3GPP Support Group on a proposal to produce a data base with all the relevant information concerning the specs in the domain of 3GPP.

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**9 Future Meeting Schedule**

**Tdoc NP-99103**

Calendar of future meetings. Two plenaries are currently scheduled for early September and end of October. Few reactions to comment about the need for so close meetings, so the situation could be left as it is. However, Telia expressed in favour of merging the two meetings. France Telecom and Nortel did the same.

It was eventually agreed to have only one plenary in the week 28<sup>th</sup> September to 1<sup>st</sup> October (four days meeting), but for the time being there is no host. One more CN plenary has been scheduled for mid-December, and will be hosted by ETSI in Sophia Antipolis. The Working Groups have been recommended to tailor their meeting dates in accordance with the CN plenary meetings.

It was noted that the joint N2A/SPS3 meeting collides with the SMG plenary: this might create a problem for the chairmanship and for the secretarial support.

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**10 AOB**

A new approach to save paper and resources in the SDLs production for Specs which are largely based on such formalism was presented, specifically for the additions relating to CLI-enhancements for Release '98 and its effect on the CAMEL specification 03.78. It basically consists in the addition of a box which is executed if the item is for Release '98, otherwise it is not. This means not producing, e.g. vers. 7.0.0 of Specs like 03.78, but rather maintain and let evolve vers. 6.x.y.

For the MSP issue written contribution were encouraged to progress discussion but this shall first be handled in the SS-ad-hoc working group.

**Tdoc NP-99125**

Not relevant to CN. Discarded.

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**11 Closing of the meeting**

The Chairman thanked all delegates and also the secretariat for their work and expressed his gratitude to TTC and ARIB, who kindly hosted the meeting with efficiency and professionalism.