3GPP TSG_CN / SMG3   **Tdoc NP-000041**
Plenary Meeting #7, Madrid, Spain
13th – 15th March 2000.

Source: Chairman CN3 + SMG3 WPD
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Title: **Status Report CN3 + SMG3 WPD**

Agenda item: 5.3.1 + 5.3.2

Document for: Approval

1. Last Meetings

One CN3[1] meeting has taken place since last TSG-CN plenary:
- CN3#8   28.02. - 03.03.00   in Sophia Antipolis, France   hosted by ETSI

The main goal of this meeting was the finishing of R99 work items and the kick-off for R00. The report of this meeting is contained in NP-000042.

2. R99 Work Items

CN3 has been working for the following work items:
- Circuit switched bearers in UMTS
- Facsimile
- Multimedia
- Service clean up R99
- UMTS maintenance
- IP Multicast
- Bearer modification without pre-notification
- GSM/GPRS maintenance

2.1 Circuit Switched Bearers in UMTS

The following outstanding questions were clarified or decided:

- The concept for handover between GSM and UMTS related to the traffic channel protocols was decided. The ATRAU' frame format proposed by Alcatel will be used. A related CR against 29.007 was agreed.

- Another outstanding issue is the provision of lower user rates for NT bearer services. It was found that a provision is possible with some restrictions (e.g. audio in the scope of autobauding). A Liaison Statement was sent to S1 asking whether the restrictions are acceptable. A related CR against 29.007 was agreed and was put on hold until the response by S1 has received.

A stage 2 description on circuit switched data services in UMTS is presented as TR 23.910 version 2.0.0 in NP-000053. *CN#8 is asked to approve 23.910*.

Related Change Requests are provided in NP-000044.

2.2 Facsimile

A further version of the draft specification for real-time non-transparent Fax (23.146) was presented by NTT DoCoMo. Due to the late provision of this document other companies were not able to check the specification in detail. Main concerns raised up related to the following topics:

- Architecture on terminal side is not as expected
- Application of T.38 is not complete
- Text is not clear and many areas require clarifications.

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[1] CN3 means always a joint 3GPP TSG CN WG3 / ETSI SMG3 WPD meeting.

It was not possible to approve this specification during the meeting. So, it was decided to get a approval after the meeting per e-mail. For this, an updated version was provided by NTT DoCoMo where first comments from the meeting were incorporated. However, there are still concerns with the approval of this specification. Therefore this specification is presented in NP-000052 as version 1.1.0, but not as 2.0.0. in order to show what was reached until now but not requesting an approval for getting a version 3.0.0. *CN#8 is asked to give guidance how this work item can be finalised (in R99 or R00).*

2.3 Multimedia

The intention of CN3 was to standardise the fall back function for multimedia in R99. Fall back should be provided from UDI to speech or from audio to speech. A long e-mail discussion took place between the meetings and it was found out that the fall back from UDI to speech needs some more investigations. CN3 proposes to postpone this feature to R00. The work item description sheet for multimedia for R00, approved last CN#7, was updated and extended. *CN#8 is asked to endorse this new WI description sheet in document NP-000051.*

The fall back from audio to speech could be finalised. The related CRs are provided in document NP-000046.

2.4 Service clean up R99

Originally, the BS 30 NT was defined only for the Basic Packet Access. With the removal of the Basic Packet Access, CN3 thought that also the BS 30 NT was removed. But BS 30 NT may also used for V.120 interworking or for certain CAPI applications. So, the BS 30 NT was not removed by S1. CN3 agrees with this decision and has to review this with respect to the specifications in CN3's responsibility. Input is expected to the next meetings.

S1 and S2 have confirmed the removal of X.25 from the R'99 Packet domain. This has impact on 27.060 and 29.061. Needed CRs were approved by CN3. Related to these specifications also CRs were approved to align the vocabulary used by other groups (NP-000048) and to streamline/clean-up the specifications (NP-000049).

2.5 UMTS maintenance

There were some contributions concerning UMTS maintenance. Corrections were necessary for FTM (NP-000045) and for the support of IP v6 at the Gi interface (NP-000050).

2.6 IP Multicast

The support of IP-Multicast protocol was incorporated in 29.061 (NP-000047).

2.7 Bearer modification without pre-notification

A Liaison Statement received from S1 explains in detail the requirements on the candidates for bearer modification without pre-notification. Requirements that seem to be technically impossible were no more detected by CN3.

2.8   GSM/GPRS maintenance

There were no contributions concerning GSM / GPRS maintenance.

3. R00 Work

A report from CN ad hoc in Puerto Vallarta was given. The most important documents were presented. The architecture and the work split proposed so far was discussed.

4. Output Documents

4.1   Change Request

TDoc #	Spec	CR #	Rel	Tdoc Title	CAT	Version	WI
N3-000083	27.001	010	R99	Fallback to speech in a CS Multimedia Call Setup	B	3.3.0	Multimedia
N3-000115	27.001	011	R99	Bit transparent services RDI and UDI	F	3.3.0	CS Data Services
N3-000051	27.001	012	R99	CR to 27.001 FTM corrections	F	3.3.0	FTM
N3-000078	27.001	013	R99	Alignment to RANAP and other clarifications	C	3.3.0	CS Data Services
N3-000086	27.001	014	R99	Corrections related to MULTIMEDIA	F	3.3.0	Multimedia
N3-000084	27.002	003	R99	UMTS clean up	F	3.2.0	CS Data
N3-000085	27.003	004	R99	UMTS clean up	F	3.2.0	CS Data
N3-000096	27.060	010	R99	Correction of the support for IPv6 for the MS.	F	3.3.0	UMTS
N3-000031	27.060	011	R99	N1 VOCABULARY ALIGNMENT	F	3.3.0	R99 Service Clean up
N3-000099	27.060	012	R99	Removal of X.25 from R'99 Packet Domain	F	3.3.0	R99 Service Clean up
N3-000102	27.060	013	R99	Specification reference section clean-up	F	3.3.0	Streamlining
N3-000087	29.007	012	R99	Clarification of reference to Q.931 for LLC IE	F	3.3.0	CS Data
N3-000124	29.007	013	R99	CR to 29.007 for A-TRAU'	B	3.3.0	CS Data
N3-000112	29.007	014	R99	Fallback to speech in a CS Multimedia Call Setup	B	3.3.0	Multimedia
N3-000103	29.061	009	R99	Specification reference section clean-up	F	3.2.0	Streamlining
N3-000098	29.061	010	R99	Support for the IP-Multicast protocol	F	3.2.0	Point to Multipoint Services
N3-000067	29.061	011	R99	Correction for IPv6 support to the Gi reference point, CR to 29.061	F	3.2.0	UMTS
N3-000100	29.061	012	R99	Removal of X.25 from R'99 Packet Domain	F	3.2.0	R99 Service Clean up
N3-000032	29.061	013	R99	N1 VOCABULARY ALIGNMENT	F	3.2.0	R99 Service Clean up

4.2   Liaison Statements

The Liaison Statements are contained in NP-000043.

DOC N3-00	Subject	To	Cc	Attachment
0089	LS requesting verification of 27 series specifications	T2		
0117	BEARER MODIFICATION WITHOUT PRE-NOTIFICATION	S1	S2	
0104	Additional impacts on Q.931	CN_ITU-T Ad Hoc, SPAN-5	TSG_N, N1	
0105	V.34 modem, user rate 33.6 kbit/s, NT	S1		
0114	Lower User Rates in UMTS for Circuit Switched Data Services	S1		
0091	Maximum size of N-PDU	N1	S2, R2	
0092	Push service	S1	S2	
0093	Deletion of X.25 and Work Item of Interworking with ISDN / PSTN	S1 S2	T2	
0094	Answer to the Liaison statement on PPP Encapsulation (S2-99C43)	S2	R2	N3-99469, N3-99470
0095	Clarification of necessity of registration Interworking profile for activation on PS domain" in response to S1-991068	S1	S2	S2-000298
0101	Vocabulary for 3GPP Specifications	S1	R2	
0125	Vocabulary for 3GPP Specifications	S1	R2	

4.3 Work Items

DOC	Subject	Release	1st Respo.	2nd Respo.
NP-000051	Revised W.I for Multimedia	R00	N3	

4.4 New TRs TSs

DOC	Number	Title	Version
NP-000052	23.146	Technical realization of facsimile group 3 non-transparent	
NP-000053	23.910	Circuit switched data services	

5. Next Meetings

Next CN3 meetings are schedules as follows:
- CN3#9   10/04/00 – 14/04/00   Siemens, Berlin, Germany
- CN3#10   22/05/00 – 26/05/00   GSM NA, USA
- CN3#11   03/07/00 – 07/07/00   no host
- CN3#12   11/09/00 – 15/09/00   GSM NA, USA
- CN3#13   17/10/00 – 19/10/00   no host
- CN3#14   13/11/00 – 17/11/00   no host