Source:	**MCC**
Title:	**Status of all CN Work Items at TSG_N#6**
Agenda item:	**5.7.1**
Document for:	**Information**

Status of all CN Work Items at TSG_CN#6

TSG_CN W.G	Working Item Title	Expected completion	For Release	W.I Sheet tdoc	Comments
N3	Circuit switched bearers in UMTS	March 2000	R99	N3-99151	
N3	Real Time Fax	March 2000	R99	N3-99093 SMG4 98P471	
N3	Asynch – Synchronous HDLC Conversion	Complete	R99	T2-99191	Replaced by FTM
N3	PHS Internet Access Forum Specification (PIAFS)	Complete	R99	N3-99149	
N3	Service Clean up R99	March 2000	R99		
N3	Real Time Multimedia	March 2000	R99	in SMG 98-775	For the fall back part only
N3	Modem and ISDN Interworking for GRPS	Deleted	R98	In SMG 98-556 / 330	
N3	Access to ISPs and Intranets – Wireless / remote access to LANs	Complete	R99	N3-99069	
N3	TEI	Ongoing	-		
N3	Frame Tunneling Mode	Complete	R99	N3-99181	
N1	Turbo Charger	Active	R99	None	WI proposal to TSGN #5 Tdoc NP-99272 -> revised to ? At risk of being delayed to R00
N2	Super Charger	Active	R99	NP-99290	80-90% chance to be complete 12/99
N1, N2	GPRS maintenance	Active	R97	None	No open questions. Some corrections still needed.
N1	LCS (Location Services GSM!!)	Active	R98	None	To be presented to SMG TC #30 by T1P1. Earlier CRs have been reviewed by N1.
N1, N2	Multicall	Active	R99	None	N2 work needs input from S1 N2 blocked !!! Sufficient working assumptions exist to for N1 start the work on stage 3 CRs in TSGN1 #8
N1	Multimedia call	Active	R99	None	Questions to other groups: - is 32 KBit/s data rate supported or is it not? - The open issues on GSM/UMTS interworking affect also multimedia due to high data rate requirement N1 can continue its work on the current working assumptions but the open questions must be answered to complete the WI.
N1	GSM/UMTS Interworking	Active	R99	None	This WI is needed in R99 to avoid compatibility problem within UMTS. Questions to other groups: - ciphering parameters and authentication? (S2) - Is READY timer needed or not? (S2) - is suspend/resume procedure needed or not? (R2) - What is the criteria for the MS to use IMSI / IMUI as mobile identity? (T3) - Is PDCP visible to the N1 protocols at all? If yes, how? (R2)
N1	MS Classmark	Active	R99	None	This WI is needed in R99 to avoid compatibility problem within UMTS. Questions to other groups: - Is is acceptable to go along the N1 assumption that the MS CM for RAN is in two parts, one for GSM and one for UTRAN? (SMG2A,R2) - Where is the MS CM for (the other) RAN stored? (SMG2A,R2) - -> what is the MS criteria for sending the RAN / CN MS CM? (RAN: SMG2A,R2, CN: N1) outstanding problems solved expected to be completed

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N1	L3 Segmentation	Active	R99	N1-99615 (agreed in electronic plenary TSGN #4bis	WI description to be revised. WI at risk of being delayed to R00.
N1	EDGE	Active	R99	None	No open questions. Some CRs still needed
N1	Security	Active	R99	None	Most of this work is covered under the other Wis such as GSM/UMTS interworking. N3 for end-to end encryption responsible, but no experts; reqs unclear. N2: seems non critcal ???
N1	CC related Items	Active	R99	None	
N1	ASCI	Active	R97	None	No open questions. N1 part of the WI is complete
N1	PCS 1900 Harmonization	Active	R98	None	No open questions. N1 part of the WI is complete.
N2	Gateway Location Register	Active	R99	NP-99289	70-80%Chance
N1, N2	out-of-band transcoder control	Active	R99	NP-99292	Question: - Should the MSC/VLR serving the B-party or the B-party MS decide upon the codec? N2 part done probably N1 ???? S4 LS not considered
N1	SoLSA	Active	R98	None	No open questions. N1 part of the WI is complete.
N1	TEI	Active	R99	None	One common WI to all TSGs is needed.
N2, SS ad hoc	Pre-paging implementation	Complete	R99	NP-99286	Completed CN#5 Gooood
N2	Technical feasibility report: CAMEL control of VOIP services	Active	R00	NP-99287	CN#5 approved postponed if R99 endangered
N2	CAMEL phase 3	Active	R99		Scope reduction endorsed (see NP-99255)
N2	GTP evolution	Active	R99	None	29.060 complete in time
N2	Immediate service termination (non-CAMEL)	Complete	R99	None	Completed Goood
SS ad hoc	Follow Me	Active	R99	SMG 172/97	Inherited from GSM Stable
SS ad hoc	Multiple Subscriber Profile (Phase 2)	Active	R99	None	Depending on CAMEL3 scope but completion expected Needed for UMTS? Inherited from GSM; Requirements in GSM 02.97
SS ad hoc	Call Forwarding Enhancements	Tbd.	R99	None	Inherited from GSM; Required due to CR 02.82-A004r1
SS ad hoc	USSD Enhancements	Active	R99	SMG 511/96	Inherited from GSM; Analyses started in SS ad hoc, first results can be expected in TSG CN#6
N2	Combined MM		R99		Activity in N2B
N1	Paging resp as MM or RR		R99		N1 activity