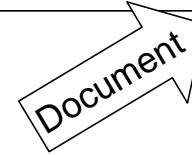


SP-99207

*Update of SP-99184
(some slides modified for the presentation)*



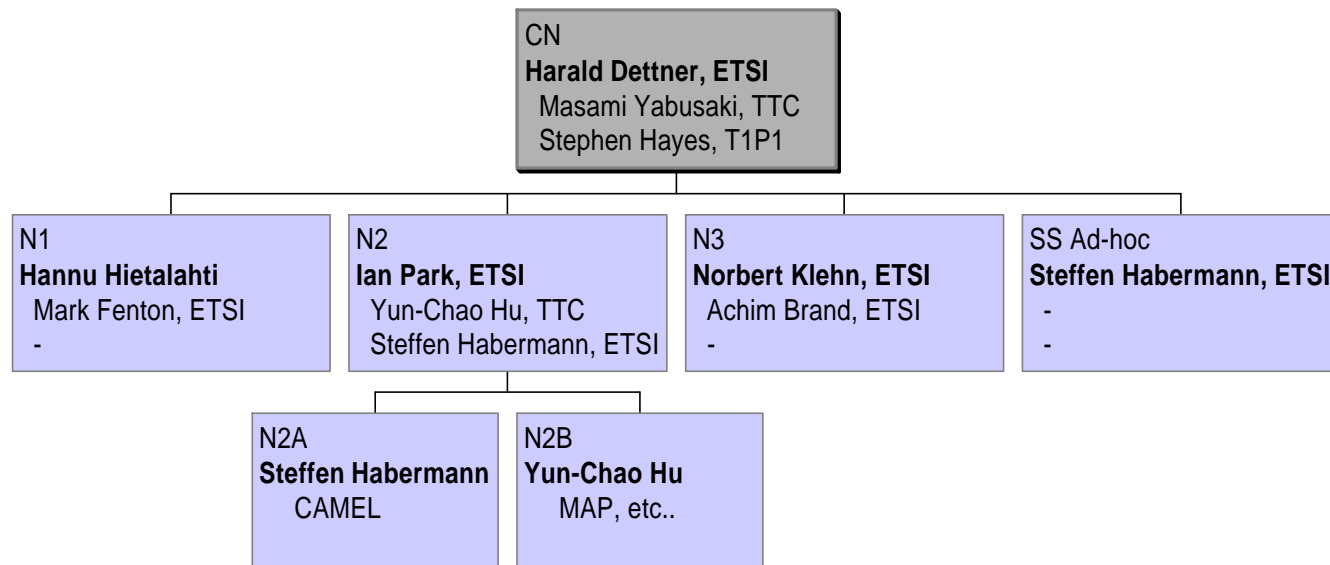
TSG_CN report to TSG_SA#3

Harald Dettner
Chairman TSG_CN

Yokohama, Japan, 26-28. April 1999



Organisation of TSG_CN



Support Arrangements

- | | | |
|------------------|----------------------------|----------------------------|
| • CN Plenary | Franco Settimo (in future) | NEEDED , tbc |
| • N1 (lu-lf) | none | URGENTLY
NEEDED |
| • N2 | Franco Settimo | tbc |
| • N2A (CAMEL) | Istvan Kocsi | tbc |
| • N2B (MAP, etc) | Franco Settimo | tbc |
| • N3 (IW) | none | NEEDED |
| • SS_ad-hoc | Istvan Kocsi? | tbc |



TSG_CN Meeting Schedule (1)

Tdoc NP-99103																	
dra ft De tne r	<u>March</u>				<u>April</u>				<u>May</u>				<u>June</u>				
s tatus 23. April '99	1--5	8--12	15--19	22--26	29--2	5--9	12--16	19--23	26--30	3--7	10--14	17--21	24--28	31--4	7--11	14--18	21--25
<i>Fairs, conferences,...</i>																xxxxx	
<i>PCG</i>																	
SMG		0000x													0000x		00xxx
TSG_SA	0xxx0								xxx00								xxx00
TSG_T	0xxx0							000xx									00xxx
TSG_RAN	0xxx0							000xx									00xxx
TSG_CN	0xxx0							00xxx						0xxx0			
WG-1				xxxx0				xxxx0						0xxxx			
WG-2				xxxxx				CAMEL 0xxxx				xxxxx					CAMEL
N2-A																	
N2-B																	
WG-3			xxxxx						0xxx0							xxxxx	
ad-hoc SS																	
SMG3 Plenary								00xxx						0xxxx			

TSG_CN Meeting Schedule (2)

1999																			
July		August				September				October				Nove					
28--2	5--9	12--16	19--23	26--30	2--6	9--13	16--20	23--27	30--3	6--10	13--17	20--24	27--1	4--8	11--15	18--22	25--29	1--5	8--12
....														0000x	xxxxx				
	0xx00																		xxxxx
															xxx00				
															xxxxx				
															00xxx				
															0xxxx				
			xxxxx				xxxxx						0xxx0						
			xxxxx																
			xxxxx																

Clarification immediately needed

TSG_CN Co-Operation with ETSI/SMG3

- Entirely joint meetings
 - no GSM specialities identified so far
 - ETSI/SPS3 continues relation with TSG_CN for CAMEL3
- SMG specifications in SMG3's domain transferred to joint group SMG3/TSG_CN for evolution, maintenance
(04.08 split RR / MM,CC pending, GSM only's excluded from this)
- SMG rel'99 work items as far as in SMG3's domain transferred to the joint SMG3/TSG_CN group



TSG_CN Specifications (1) April'99 release / Baseline documents

“UMTS Release '99 is based on GSM Release'98”

- **April '99 release**
= SMG#28 output specs in SMG3/TSG_CN domain
+ CRs approved at TSG_CN#3 (*)

See SP-99186 (TSG_CN spec-list)
+ NP-99150 (SMG#28 output)
+ NP-99139 (all approved CRs to TSG_CN specs)
+ NP-99109 (07.03 CR) see also slide10

(*) Put on hold until specifications are renumbered
and GSM 04.08 split

TSG_CN report to TSG_SA#3



TSG_CN Specifications (2)

April'99 release / Baseline documents

“UMTS Release '99 is based on GSM Release'99”

- **Baseline Documents (TSG_CN perspective)**
 - = GSM Rel'98
 - = SMG#28 output in SMG3/TSG_CN domain
 - + expected CRs on outstanding WI's (LCS, MExE, SoLSA,...)
 - + (corrective CRs)



TSG_CN Specifications (3)

FORMALISMS

Numbering Scheme

- For SMG transferred Specs following Numbering Principle is endorsed:

	GSM		3GPP
	AB.CD	==>>>	(A+20)B.0CD
example	09.78	==>>>	29.078

- Specification version restart with v3.0.0.
(no CR free gap!!!)

(to be endorsed by TSG_SA)

- CR numbering restart with A001

(to be endorsed by TSG_SA)

Proposed for all Specifications in SMG3/TSG_CN domain



TSG_CN#3 approved CR's

WI	SPEC	CR	PH	REV	VERS	SUBJECT	CAT	NEW_VER	STC_DOC
ASCI	04.69	A007	R96	2	5.2.0	Coding of Call Reference IE	F	5.3.0	N1-99168
ASCI	04.68	A009	R96	2	5.2.0	Coding of Call Reference IE	F	5.3.0	N1-99167
CCBS	04.08	A507	R97	1	6.3.0	Clarification to CCBS T334 timer	F	6.4.0	N1-99164
CTS	04.56	A001	R98		7.0.0	Inclusion of parameters in the Attachment Accept Procedure	F	7.1.0	N1-99078
CTS	04.56	A002	R98	1	7.0.0	clarification to the reattach procedure	F	7.1.0	N1-99169
EDGE	04.08	A371	R99	2	6.1.1	BCIE modifications due to EDGE	B	8.0.0	N1-99178
GPRS	04.08	A505	R97		6.3.0	'GPRS services not allowed' cause in the ATTACH REJECT (combined case).	F	6.4.0	N1-99034
GPRS	09.10	A009	R97		6.0.1	GPRS Attach Reject Cause when 'IMSI unknown'	F	6.1.0	N1-99035
GPRS	09.18	A024	R97	1	6.3.0	Clarification of the null RA and other corrections	F	6.4.0	N1-99176
GPRS	04.08	A467	R97	2	6.3.0	Multiple ATTACH REQUEST attempts and GMM-common procedures: abnormal cases on the network side	F	6.4.0	N1-99184
GPRS	04.08	A469	R97	2	6.3.0	Introduction of the A&C reference number in the AUTHENTICATION AND CIPHERING REQUEST AND RESPONSE message	F	6.3.0	N1-99182
GPRS	04.64	A051	R97	1	6.3.0	GSM 04.64 CR A051r1 Signalling SAPI Information Field Length	F	6.4.0	N1-99141
GPRS	04.64	A055	R97	1	6.3.0	Discarding outstanding LL-DATA-REQ in the case of LLC re-establishment	F	6.4.0	N1-99172
NITZ	04.08	A621	R99	3	6.3.0	IE Daylight Saving Time	B	8.0.0	NP-99145

WI	SPEC	CR	PH	REV	VERS	SUBJECT	CAT	NEW_VER	STC_DOC
EDGE	07.03	tbd	R99	0	6.0.0	Introduction of EDGE	B	tbd	N3-99-063

All put on hold until renumbering of specs completed / 04.08 split

TSG_CN report to TSG_SA#3



TSG_CN N1 Work Items ()

- Already approved WI's N1 works on:
 - EDGE (NSS Part)
(higher data rates CSed in the core network)
 - NITZ enhancements (DST)
 - QoS Control for Packet services
 - Multicall
 - Classmark separation RAN vs CN



TSG_CN Status

Working Group N1 (Iu, MM / CC / SM)

- 04.08 split RR -- MM/CC/SM
 - expected to be completed until end May
- Location Services (LCS)
 - joint activity with T1P1.5 LSC to meet SMG#29
- GPRS
 - high amount of corrective CRs
- Joint action with SMG9 on SIM Data Change (IMSI, TMSI)
 - 03.22, 11.14 CRs in progress



TSG_CN N2 Work Items ()

- Already approved Work Items
 - CAMEL Phase3
 - FS on GLR (*)
 - FS on Pre-Paging (*)
 - Out-of-Band Transcoder Control
 - flexible length of security parameters (“Sub-WI”)

 - non-CAMEL IST ???

(*) Implementation decision end May in co-operation with S2



TSG_CN Status

Working Group N2 (CAMEL, MAP)

- CAMEL3 tight schedule
 - WG N2A tailored for CAMEL only
 - Principles for CAMEL GPRS interaction identified/endorsed
- CAMEL2 Rel '98
 - Endorsed to include CLI-Enhancements in 03.78 (R.97)
 - SMG3/TSG_CN endorsed
- GLR, Pre-paging, Turbo-/Super-Charger (*)
 - Implementation decision end May in co-operation with S2



TSG_CN N3 Work Items (1)

- Already existing WI's in N3
 - GPRS Interworking with ISDN and PSDN
 - Access to ISPs and in GPRS Phase2 - Wireless/Remote Access to LANs

- Proposed WI / Clarification/Checking needed
 - Parameters for Bearer and Tele-Services for the Provision of PIAFS services (32 and 64 kbit/s)
 - CAMEL support for GPRS PSTN/ISDN interconnect services. (NP-99109)
 - This WI is unrealistic for Release '99
 - S1 / S2 are invited to comment



TSG_CN N3 Work Items (2)

- WI's for Rel'99 approved at CN#3
 - An asynch-to-synch HDLC service for circuit switched Data (->NP-99110)
 - Real-time Fax (Based on non-transparent Fax as in GSM 03.46) in UMTS/IMT2000 (-> NP-99140)
 - 3 Fax-options are envisaged by CN:
 - a) Real time non-transparent 03.46 based
 - b) Real-time non-transparent T.38 based (see 22.45)
 - c) store-and-fwd T.37 based (see 22.45)
 - (a) was approved because of strong requirements and support for this WI indicated.



TSG_CN Status
Working Group N3 ("Bearer Inter-Working")



TSG_CN SS-ad hoc Work Items ()

- MSP Phase2
- Follow Me
- USSD Enhancements
- CNAP



TSG_CN Status

Working Group SS-ad-hoc

- Group created to relieve N2-B (CAMEL) and work on previous R'99 SS Work items
 - 1st meeting 4-7 May'99 (Vienna)
 - Status of the R'99 WI's to be determined until end May
- MSP ongoing discussion on this spec
Techn. Specification / Techn. Report / Feasibility Study
Mandatory Parts // Informative Parts
- GSM 09.12 / 09.13 / 09.14 remain in SMG3
 - (no common ISDN platform identified)



TSG_CN / Other issues (1)

- Scope release '99
 - Soft Working Assumption end April
 - analysis during May
 - Review of WA end May
 - more clarity on feasibility of the package until end June SA#4

 - Soft deadline for UMTS'99 CN new Requirements end May

 - Iterative process to refine on the Rel'99 scope



TSG_CN / Other issues (2)

- UMTS CC/SM
 - Basis for CN further analysis is LS S2-99290 (--> NP-99142)
“Multimedia CC/SM transparently via GPRS PDP using GSM SM”
- S1 Initiative on GSM Data streamlining supported in general by CN
 - Analysis of S1 produced CRs ongoing
 - expected to be completed until end June (SMG#29,SA#4)
 - Cross phase aspects to be considered
 - WI needed for this activity??
- No activities on O&M for the moment
- TSG_CN draft report in 163



TSG_CN

Summary

- MCC Support Arrangements for TSG_CN to be clarified / improved immediately
- Host situation for (Working Groups) Meetings
- “April-release” for TSG_CN identified (--> SP-99186)
- Scope UMTS release '99 to be stabilised / confirmed

END

