

TSG_CN#6 Status Report to TSG_SA#6



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Relevant TSG_SA#6 documents

Agenda 6.1.1 (reporting)

- SP-99605 Status report slides
- SP-99604 Draft Report TSG_CN#6

Agenda 6.1.2 (Questions for discussion)

- SP-99 none

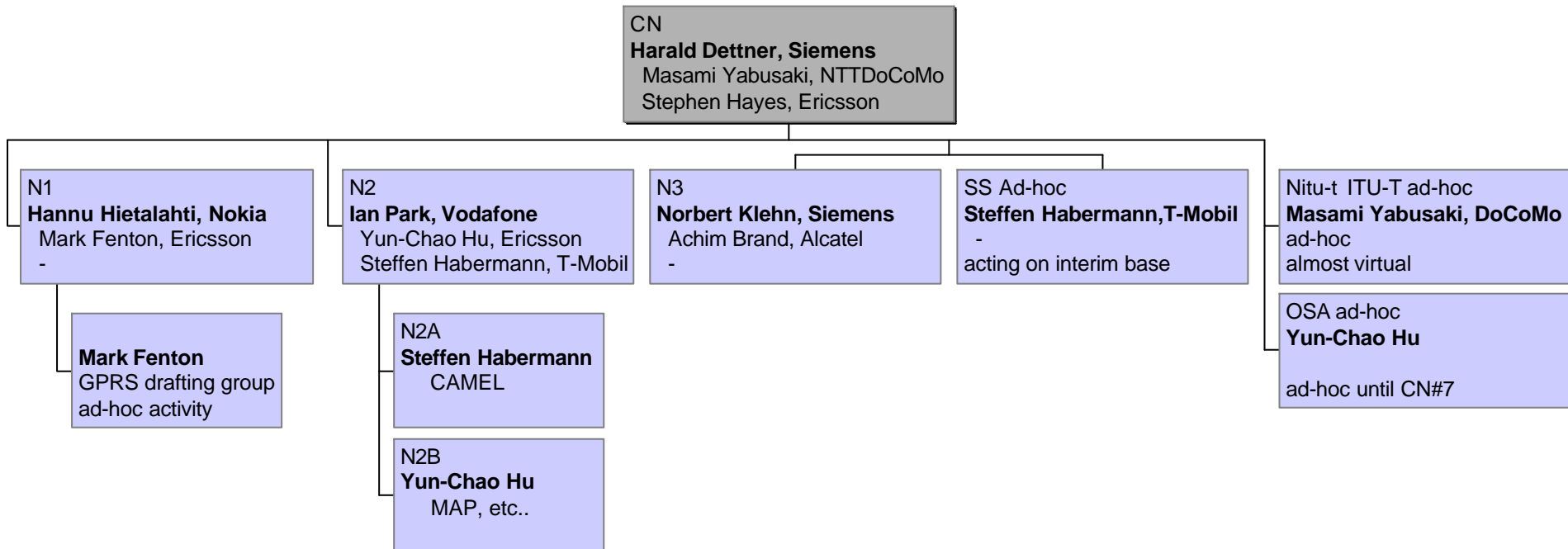
Agenda 6.1.3 (Information on status)

- SP-99602 CN Work-Items status list

TSG_CN Meeting Schedule

- High density of working group meetings;
 - intend to go for less planned meetings to allow for more e-mailing & ad-hoc “itemised” meetings.
- Various meetings are scheduled (see CN Working Group status reports preview)
- 2 ad-hoc meetings on OSA CN-aspects took place more are scheduled until CN#7
- ITU-T ad-hoc activity works by electronic means; little activity here
- IP-Kick-off scheduled for 31st Jan-02nd Feb 2000

Structure of TSG_CN



Support Arrangements

- CN Plenary David Boswarthick david.boswarthick@etsi.fr
- N1 (Iu-Ic) Ban Al Bakri ban.albakri@etsi.fr
- N2 Franco Settimo franco.settimo@etsi.fr
- N2A (CAMEL) Monica Hellman monica.hellman@etsi.fr
- N2B (MAP, etc) Franco Settimo
- N3 (IW) David Boswarthick
- SS_ad-hoc Monica Hellman
- ITU-T ad-hoc -none intended-
- OSA-ad-hoc tbd

Activities/Highlights of TSG_CN1 (1)

Pre-R'99

- GPRS Decreasing amount of corrective CRs
- LCS review/refinement work
- TEI few CRs

Release'99

- Multicall: large work share CRs on hold at CN#6
- Multimedia
- GSM-UMTS interworking and UMTS MM
- MS-Classmark split
- EDGE

Activities/Highlights of TSG_CN1 (2)

Release'99 con't

- Security R99 (“what we have”)
- Paging response as MM
 - reference to GSM 04.18
- Out-of-Band Transcoder Control
 - open issues list
- QoS
- 03.22 / 23.022 split

Activities/Highlights of TSG_CN1 (3)

R'00

- Security R00 not started/outstanding issues
- L3 segmentation
- Turbocharger
 - critical
 - latest at CN#8 principle decision R'00 or never

Activities/Highlights of TSG_CN2 (1)

- Completed WI's: Pre-paging, non-CAMEL IST
- CAMEL Phase3 scope reduced
 - MSP Ph2
- GLR
- Super-charger
- White-book SCCP mandatory for MAP&CAP
- GTP improvements for 29.060
- CFE/Longer-FTN
- Security
 - Transport of new authentication vector (quintuple) complete
 - work on other areas (MAP cyphering, encrypted IMSI)
recently started

Activities/Highlights of TSG_CN2 (2)

- Out-of-Band Transcoder -Control
continued work according FS report:
based on ITU-T to be specified BICC protocol.
N2 has lead
N1 contacted---> open issues list
S2/S4 communication --> expressed concerns /questions
answered?
- LCS
- Multicall
 - Subscriber data management solved
 - basic call handling (23.018) work needed

Activities/Highlights of TSG_CN2 (3)

R'00

- Combined MM
- CAMEL Phase4
- “CAMEL control of VoIP services” (FS completed)

Activities/Highlights of TSG_CN3 (1)

R'99

- Circuit switched bearers in UMTS
- Facsimile non-transparent
 - “Compromise”: GSM 03.46 & UMTS 23.146
- Frame Tunneling Mode (FTM)
- PIAFS
- service clean up
- GSM/GPRS Maintenance
- Access to ISPs & Intranets / Mobile IP

Activities/Highlights of TSG_CN3 (2)

R'99

- Multimedia
 - step 1 --- basic Multimedia call
 - step 2 --- sophisticated call-setup with fall-back mechanism on terminal capabilities

R'00

- Multimedia
 - step 3 --- “swap function” media change during call
 - --> new WI
- Bearer modification without pre-notification
 - S1 proposal

Activities/Highlights of TSG_CNss

R99

- MSP Ph1 & Ph2; CAMEL3 dependency
- Follow Me
- USSD enhancements
- Call Fwd Enhancements
- LCS
- Multi-Call

Activities/Highlights of ~~VHE~~ OSA ad-hoc (1)

R'99? tbd

- Basis 23.127 stage2
- Service Capability Features SCF
 - Framework SCF
 - Call Control SCF
 - Charging SCF
 - User Interaction SCF (currently included into message transfer SCF)
 - Terminal Capability SCF
 - User Location SCF
 - User Status SCF
 - Message Transfer SCF
 - Data Download SCF
 - User Profile Management SCF

Activities/Highlights of ~~VHE~~ OSA ad-hoc (2)

R'99? tbd

- Restricted to Service Capability Servers (SCS)
 - "Framework SCS" (including authentication, registration, discovery)
 - CAMEL SCS (including charging, user interaction, call control, user location and user status SCFs)
 - WAP GW SCS (including terminal capabilities SCFs)
 - SAT SCS (including Data Download SCF)

R'00

- "overflow from R'99"
- Cooperation with ETSI SPAN3
- Parallel stage2/stage3 elaboration

Others (1)

- Little activity within “ITU-T coordination area”

R'99 / R'00 General Treatment until CN#7

- Priority to R'99 work-areas
 - open issues resolution
 - debugging
 - „negotiation of feasible content for R'99“
 - consideration of compatibility aspects
- Special attention to OSA, Multicall, Security
- Start of R'00 with CN#7
Exception: All IP-CN „Take-off“ meeting end Jan

R'00 All IP Core-network

- Kick-off meeting 31. January -- 02. February 2000
 - Tutorial by S2
 - Assessment by CN
 - architecture
 - services
 - security
 - target: very open meeting
 - goal: prepare for decisions on what?, when?, who? at TSG#7
 - separated activity not to disturb “R'99 completion”

Invitation (NP-99513)

Agenda 6.1.2 (1)

- For **R'99 completion** the CN#6 established principles are:
 - 1) Exception from function freezing only allowed if stated in WI-status sheets (SP-99602)
 - 2) Compatibility aspects for WI's to be solved with R'99 ("Hooks")
 - 3) Specification of a restricted WI-subset for R'99
 - 4) IF at CN#7
 - sufficient stability (incl agreed documents) in work-area/sub-area
 - no contentious issues
- THEN
- R'99
- ELSE
- R'00

Status on Multicall:

- Unclear requirements (stage1)
- No defined/approved basic assumptions (lack of „stage 1½ specification“)
 - Supplementary Service CN working assumption now!!!! or
 - Network Feature or
 - ????
- Interactions with other Supplementary Services (CW CH) unspecified
- Prevention of incompatibilities eg/esp. in SCI area

Status on Multicall:

- Goal:
 - Stable documented principles end January
 - indentification of „viable Multicall phase1 R‘99“
- CN not disputed WI to postpone to R‘00

Status on OSA

- Spirit: Give it a chance for R'99
- Stabilise a first small release
- Refine on Scope for R'99

- final decision CN#7

Status on security

- Spirit: Give parts of it a chance for R'99
- Some heated debates
- Unbundle security package and identify the essential (--> S3)
- invitation for joint meeting
- final decision at CN#7

Information on WI-Status

- see **SP-99602**
file **CN-WIs statuslist.DOC**

TSG_CN

Summary

- All delegates in CN WGs as well as support team work very hard
- Not everything is complete
- For some WI's a scope-reduction is already communicated
- Some WI's dropped out
 - (L3 segmentation, Turbo-charger,...)
- Outstanding issues will be identified at 12/99
- Refinement/Decision for Multicall, OSA, Security R'99 with CN#7

TSG_CN

Summary (2) / Outlook / Miscellaneous

- Improve Information Paths from CN to others
 - S3
 - S2
- Little time to prepare from CN#6 to SA#6
 - might be considered for future TSG#'s
- Limited time until & for CN#7 (2,5 Days)
 - Refinement scope / content R'99
make good use of next 12 weeks
 - seek compromises in advance of CN#7
- Elections at CN#7

EOP (End of Presentation)