3GPP TSG-CN Meeting #25 **NP-040433**
8th – 10th September 2004. Palm Springs, USA

Source: CN4

Title: Work Item Description on Trace Management, stage3, network, update

Agenda item: 9.22

Document for: APPROVAL

Work Item Description

Title: Rel6 - Trace Management, stage3, network

1 3GPP Work Area

	Radio Access
X	Core Network
	Services
	Terminals

2 Linked work items

- Unique_ID 35015: Rel6 - Trace Management by SA5

3 Justification

Subscriber and Equipment Trace provide very detailed information at call level on one or more specific mobile(s) or subscribers. This data is an additional source of information to Performance Measurements and allows going further in monitoring and optimisation operations.

The following tasks for CN groups are defined in SA5 "Rel6 - Trace Management" Work Item Description:

- CN1 on trace activation/deactivation over SIP between IMS entities;
- CN4 on trace activation/deactivation over Mc;
- CN4 on trace activation/deactivation over Cx;
- CN4 on trace activation/deactivation impacts to MAP;
- CN4 on trace activation/deactivation impacts to GTP (SGSN – GGSN).

4 Objective

The main objective of this work item is to update the above mentioned interface protocols to include the Trace activation and deactivation procedures defined in SA5 TS 32.422 "Trace Control and Configuration Management".

Note: The objective of this CN work item will be further clarified and confirmed when the stage2 specification 32.422 is approved by SA plenary.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No	X	X	X		
Don't know					X

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	**Title**	**Prime resp. WG**	**2ndary resp. WG(s)**	**Presented for information at plenary#**	**Approved at plenary#**	**Comments**

Affected existing specifications				
Spec No.	**CR**	**Subject**	**Approved at plenary#**	**Comments**
24.229		IP Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP)	CN#286 ~~December 2004~~ June 2005	CN 1: CN1 does not see any way to complete the 24.229 task for trace without IETF dependency. For this reason, it is likely to delay the completion of the WI.
29.002		Mobile Application Part (MAP) specification	CN#264 December~~June~~ 2004	CN4
29.060		General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	CN#264 December~~June~~ 2004	CN4
29.228		IP Multimedia (IM) Subsystem Cx and Dx interfaces; Signalling flows and message contents	CN#246 December ~~June~~ 2004	CN4
29.232		Media Gateway Controller (MGC) - Media Gateway (MGW) interface	CN#264 December~~June~~ 2004	CN4
23.205		Bearer-independent circuit-switched core network; Stage 2	CN#264 December~~June~~ 2004	CN4

11 Work item rapporteur

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12 Work item leadership

CN4

13 Supporting Companies

Nokia, Lucent Technologies, Nortel Networks, Orange

14 Classification of the WI (if known)

	Feature (go to 14a)
	Building Block (go to 14b)
X	Work Task (go to 14c)

14c The WI is a **Work Task**: parent **Building block:**
Unique_ID 35015: Rel6 - Trace Management by SA5