Source:	CN4
Title:	Work Item Description on Trace Management, stage3, network
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#26 December 2004	CN1
29.002		Mobile Application Part (MAP) specification	CN#24 June 2004	CN4
29.060		General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	CN#24 June 2004	CN4
29.228		IP Multimedia (IM) Subsystem Cx and Dx interfaces; Signalling flows and message contents	CN#24 June 2004	CN4
29.232		Media Gateway Controller (MGC) - Media Gateway (MGW) interface	CN#24 June 2004	CN4
23.205		Bearer-independent circuit-switched core network; Stage 2	CN#24 June 2004	CN4

11 Work item rapporteur

Seppo Kauntola, Nokia Corporation
seppo.kauntola@nokia.com

12 Work item leadership
CN4

13 Supporting Companies
Nokia, Lucent Technologies, Nortel Networks,

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:**
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