Source:	CN1
Title:	WID on Trace Management, stage 3
Agenda item:	10.1
Document for:	APPROVAL

<u>Work Item Description</u>

Title

Trace Management, stage3, IMS

1   3GPP Work Area

	Radio Access
X	Core Network
	Services

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 ìRel6 - Trace Managementî Work Item Description:

- CN1 on trace activation/deactivation over SIP between IMS entities;
- CN4 on trace activation/deactivation over Cx;

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 ìTrace Control and Configuration Managementî. Protocol updates are needed for both signalling based and management based trace activation.

5   Service Aspects

None

6   MMI-Aspects

None

7   Charging Aspects

None

8   Security Aspects

None

9   Impacts

Affects:	UICC apps	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#28 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.	
29.228		IP Multimedia (IM) Subsystem Cx and Dx interfaces; Signalling flows and message contents	CN#28 June 2005	CN4	

11   Work item rapporteur(s)

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12   Work item leadership
CN1

13   Supporting Companies

Nokia, Nortel Networks, Orange, Vodafone

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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The following tasks for CN groups are defined in SA5 ì Rel6 - Trace Managementî 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 ñ 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 ì Trace Control and Configuration Managementî . Protocol updates are needed for both signalling based and management based trace activation.

~~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:	UICC apps	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#28 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#26 December 2004~~	~~CN4~~
~~29.060~~		~~General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface~~	~~CN#26 December 2004~~	~~CN4~~
29.228		IP Multimedia (IM) Subsystem Cx and Dx interfaces; Signalling flows and message contents	CN#28 June 2005~~CN#26 December 2004~~	CN4
~~29.232~~		~~Media Gateway Controller (MGC) - Media Gateway (MGW) interface~~	~~CN#26 December 2004~~	~~CN4~~
~~23.205~~		~~Bearer-independent circuit-switched core network; Stage 2~~	~~CN#26 December 2004~~	~~CN4~~

11   **Work item rapporteur(s)**

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12   Work item leadership

~~CN4~~CN1

13   Supporting Companies

Nokia, ~~Lucent Technologies,~~ Nortel Networks, Orange, Vodafone

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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