

**Source:** TSG CN1  
**Title:** WID on Trace Management, stage3, IMS  
**Agenda item:** 10.1  
**Document for:** APPROVAL

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### Work Item Description

#### **Title**

Trace Management, stage3, IMS

#### **1 3GPP Work Area**

	Radio Access
X	Core Network
	Services

#### **2 Linked work items**

- Unique\_ID 35039: Rel7 - 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 “Rel7 - Trace Management” 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 “Trace Control and Configuration Management”. 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**

<b>Affects:</b>	<b>UICC apps</b>	<b>ME</b>	<b>AN</b>	<b>CN</b>	<b>Others</b>
<b>Yes</b>				X	
<b>No</b>	X	X	X		
<b>Don't know</b>					X

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

<b>New specifications</b>						
Spec No.	Title	Prime resp. WG	2ndary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
<b>Affected existing specifications</b>						
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#31 March 2006	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#31 March 2006	CN4	

**11 Work item rapporteur(s)**

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**12 Work item leadership**

CN1

**13 Supporting Companies**

Nokia, Nortel Networks, Orange, Vodafone

## 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 35039: Rel7 - Trace Management by SA5

form change history:  
v1.11.0: includes those changes from v1.8.0 agreed at SP-25.  
v1.10.0: full circle  
v1.9.0: a clean sheet  
v1.8.0: includes comments from SA#24  
v1.7.0: includes comments from RAN, CN and T #24; also includes "early implementation" data  
v1.6.0: includes comments made during review period prior to TSGs#24  
v1.5.0: includes comments made at TSGs#23 (Phoenix)  
v1.4.0: offered to SA#23 for approval  
v1.3.0: offered to CN#23, RAN#23 and T#23 for comments  
DRAFT4 v1.3.0: 2004-03-09: Incorporation of comments from Leaders list  
DRAFT3 v1.3.0: 2004-02-19: Incorporation of comments from MCC members  
DRAFT2 v1.3.0: 2004-01-29: Complete redraft  
v1.2.0: 2002-07-04: "USIM" box changed to "UICC apps"  
2003-05-28: spelling of "rapporteur" corrected  
2002-07-04: "USIM" box changed to "UICC apps"