

**Source:** SA5 (Telecom Management)  
**Title:** WID WT Performance measurements definition for CN CS  
**Document for:** Approval  
**Agenda Item:** 7.5.3

**3GPP TSG-SA5 (Telecom Management)**  
**Meeting #42, Montreal, CANADA, 09 - 13 May 2005**

**S5-050293**

**Work Item Description**

**Title:** Performance measurements definition for CN CS  
**Acronym:** OAM7-PM  
**Unique\_ID:** 35057

**1 3GPP Work Area**

	Radio Access
X	Core Network
	Services

**2 Linked work items**

*still to be defined:*

OAM&P (Operations, Administration, Maintenance & Provisioning) (Feature: OAM)

WI	Unique_ID
OAM7	35041

Performance Management (BB: OAM-PM)

WI	Unique_ID
OAM-PM	35043

**3 Justification**

Performance measurement data is important for operator to analyze network performance. Currently, Rel-6 and earlier versions of 32.403 define the necessary performance measurements. (The latest) TS 32403-650 covers measurements data related to RNC, SGSN, GGSN and MMS. The performance measurement data related to CN, especially CN CS (IP-based) are absent. If operators directly deploy previous 3GPP Releases CN CS, no 3GPP defined performance measurements can be used.

This WT proposes to define for previous 3GPP Releases CN CS (IP-based) performance measurements data definition. This WT should also address how to define measurements that may apply to previously released equipments e.g allow to possibly define different trigger for different 3GPP release CN CS measurements.

**4 Objective**

Define performance measurements, which apply to previous 3GPP Releases CN CS (IP-based).

**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		X
Don't know					

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

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
32.xyz	Performance Measurements - UMTS and combined UMTS/GSM-CN CS	SA5		12/2005	03/2006	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

- 11            **Work item rapporteur(s)**  
LI Yewen ([liyewen@chinamobile.com](mailto:liyewen@chinamobile.com))
- 12            **Work item leadership**  
SA5
- 13            **Supporting Companies**  
China Mobile, CATT, Huawei, ZTE, Nortel, Motorola, Vodafone
- 14            **Classification of the WI (if known)**

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

- 14a        The WI is a Feature: List of building blocks under this feature  
(list of Work Items identified as building blocks)
- 14b        The WI is a Building Block: parent Feature  
(one Work Item identified as a feature)
- 14c        The WI is a Work Task: parent Building Block  
(one Work Item identified as a building block)

*still to be defined:*

Performance Management (BB: OAM-PM)

WI	Unique_ID
OAM-PM	35043