

---

**Source:** T-Mobil, Nokia  
**Title:** Proposed Work Item: Rel5 - Trace Management  
**Document for:** Decision  
**Agenda Item:** 7.5.3

---

### Work Item Description

#### **Title**

Trace Management

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

	Radio Access
	Core Network
x	Services
	Terminals

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

- Charging and OAM&P -- Generic 3G telecom management work (feature led by SA5)
- Subscription Management -- Subscriber subscription management (feature led by SA5)

#### **3 Justification**

As the reference model evolves and the functionalities as well as the architecture in 3GPP Rel5 networks become more and more complicated, a need for a suitable method and necessary procedures for subscriber and equipment trace becomes evident. The specification for subscriber and equipment trace has not been updated since Release 96.

#### **4 Objective**

The main objective of this work item is to produce TS 32.108 (Subscriber and Equipment Trace) for 3GPP Release 5 according to the responsibilities of SA5 SWG-B pertaining to network/resource usage records for the purpose of tracing subscriber and UE activity.

The existing trace specification (GSM 12.08) will be used as the basis. The main tasks are

- 1 To identify the portions of text in 12.08 that can be re-used as such
- 2 To identify the impact of those architectural elements that have changed or did not exist in 12.08
- 3 To update the information from 12.08 according to those impacts

The contents will be aligned with the 3GPP SA5 management principles and architecture, and the requirements for Trace will be reviewed.

#### **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	x	
No					
Don't know	x	x			

**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
TS 32.108	Subscriber and Equipment Trace	SA5		TSG#15 (03/02)	TSG#16 (06/02)	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
32.101				TSG#15 (03/02)		
32.102				TSG#15 (03/02)		

**11 Work item raporteurs**

Karl-Heinz NENNER (T-Mobil) karl-heinz.nenner@t-mobil.de

**12 Work item leadership**

SA5

**13 Supporting Companies**

max.mobil., Sonera, T-Mobil, VoiceStream, Nokia, Nortel

**14 Classification of the WI (if known)**

x	Feature (go to 14a)
	Building Block (go to 14b)

	Work Task (go to 14c)
--	-----------------------

14a The WI is a Feature: List of building blocks under this feature

- Principles, high-level requirements and architecture (OAM-AR) -- for requirements identification
- Network Infrastructure Management (OAM-NIM) -- for trace data management