

25 - 28 February 2002**Bristol, UK**

**3GPP TSG-SA5 (Telecom Management)
Meeting #25, Sophia Antipolis, France 14 - 18 January 2002****S5-020013
S5B020039**

Title: Liaison Statement on Impacts of Subscriber and Equipment Trace
Source: SA5
To: All RANx, GERANx, CNx, Tx and SAx Working Groups
Cc:
Response to:

Contact Person:

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SWG_B Chairman:

Name: Karl-Heinz Nenner
Tel. Number: +49 228 936 3343
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Attachments:

1. The SA#14 approved WID for Subscriber and Equipment Trace (SP-010758)
2. List of issues identified by SA5 as being related to Trace (SP-010758-rev1)

1. Overall Description:

SA5 is currently specifying Subscriber and Equipment Trace for Release 5. The WID for Trace on a feature level was approved in TSG-SA #14 in December 2001. The approved WID is attached (SP-010758).

To be able to update the WID with references to all related WIs in other 3GPP WGs, SA5 is kindly asking all WGs to identify their own WIs, which would be affected by Trace. Attachment #2 contains the issues that SA5 has so far identified as being related to Trace. The issues are listed in a copy of the WID and are marked with revision marks.

2. Actions:

To all RANx, GERANx, CNx, Tx and SAx working groups.

ACTION:

SA5 requests each group to identify their own WIs that would be related to Subscriber and Equipment Trace, and to provide SA5 with their names and unique identifiers in the 3GPP work plan.

3. Date of Next SA5 Meetings:

Meeting	Date	Location	Host
SA5#26	25 Feb - 1 Mar 2002	Miami, FL / USA (T1M1/TMF)	NA Friends
SA5#27	2-5 Apr 2002	Cork, IRELAND	Motorola
SA5#28	20-24 May 2002	Sophia Antipolis, FRANCE	ETSI

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)
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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

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None

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Affects:	USIM	ME	AN	CN	Others
Yes			X	X	
No					
Don't know	X	X			

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- ~~Network Infrastructure Management (OAM-NIM) -- for trace data management~~
- CN1 on trace activation over SIP between S-CSCF and P-CSCF
- CN4 on trace activation over Mc
- CN4 on trace activation over Cx
- SA3 for security impacts
- GERAN for trace activation in BSS
- RAN3 for trace activation in RNS
- SA2 for LCS impacts
- CN4 on trace activation impacts to MAP
- CN4 on trace activation impacts to GTP (SGSN – GGSN)