

**Source:** SA5 (Telecom Management)  
**Title:** Updated WID Rel-6 OAM  
**Document for:** Approval, Information  
**Agenda Item:** 7.5.3

## Work Item Description

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

### 1 3GPP Work Area

	Radio Access
	Core Network
X	Services (specifically OAM&P)
	Terminals

### 2 Linked work items

- (2062) Rel-6 Subscription Management (SA5 Feature) SuM
- (31008) Rel-6 Generic User Profile (SA1 Feature)
- (32021) Rel-6 IMS Phase 2 (SA1 Feature)

This feature itself comprises the following Building Blocks

- Principles, high level Requirements and Architecture (OAM-AR) - SA5 BB
- Network Infrastructure Management (OAM-NIM) - SA5 BB
- Performance Management (OAM-PM) - SA5 BB
- (35009) Trace Management (OAM-Trace) - SA5 BB

### 3 Justification

The 3GPP specifications need to continue to evolve in Release 6 to allow OAM&P additions and enhancements. The purpose of this Feature level work item is to organise and manage the various SA5 Building Blocks (identified above) for 3GPP Release 6.

Many of these building blocks exist in every 3GPP Release in order to meet the requirements of Classical OAM&P (such as e.g. Fault Management, Performance Management, Network Infrastructure Management etc.) for all other 3GPP Features.

### 4 Objective

The objective of this work item (Feature) is to continue to lay down the OAM&P Framework to be followed by the 3G Telecom Management standardization and met by all other subsequent specifications - to be produced by all 3GPP TSGs (e.g. SA5, RAN O&M, GERAN O&M, ...- pertinent to 3G Systems' Telecom Management).

### 5 Service Aspects

*OAM&P enhancements arising from Service Aspects (as defined by SA1) of Rel6.*

### 6 MMI-Aspects

*Unknown at this time*

### 7 Charging Aspects

*None/Text*

### 8 Security Aspects

*Unknown at this time*

### 9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes			X	X	
No	X				
Don't know		X			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
32 series					12/2004	See the BBs WIDs
52 series						
Affected existing specifications						
Spec No.	CR	Subject	Approved at plenary#	Comments		
32 series			12/2004	32.2xx specifications (Charging) are not included,.		
				32.14x, 32.17x specifications (Subscription Management) are not included		
52 series			12/2004			

**11 Work item rapporteurs**  
 Michael TRUSS (SA5 Chair, Motorola), Yewen LI (SA5 Vice-Chair, China Mobile), Christian Toche (SA5 Vice-Chair, Nortel Networks)

**12 Work item leadership**  
 SA5

**13 Supporting Companies**  
 T-Mobile, Motorola, TeliaSonera, Vodafone Group, BTOrange, Ericsson, Siemens, Nortel Networks, China Mobile.

**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 (SA5)
- Network Infrastructure Management (SA5)
- Performance Management (SA5)
- Trace Management (SA5)

**Source:** SA5 (Telecom Management)  
**Title:** Updated WID Rel-6 OAM  
**Document for:** Approval, Information  
**Agenda Item:** 7.5.3

~~Technical Specification Group Services and System Aspects Meeting #17, Biarritz, France, 9-12 September 2002~~ ~~TSGS#17(02)0445~~

~~Source: SA5 (Telecom Management)~~  
~~Title: Rel-6 OAM Feature-level WID (Operations, Administration, Maintenance & Provisioning - OAM&P) - 32 Series (except Charging)~~  
~~Document for: Approval~~  
~~Agenda Item: 7.5.3~~

~~3GPP TSG-SA5 (Telecom Management) Meeting #30, Tampere, FINLAND, 19-23 August 2002~~ ~~S5-022239~~

## Work Item Description

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

### 1 3GPP Work Area

	Radio Access
	Core Network
X	Services (specifically OAM&P)
	Terminals

### 2 Linked work items

- (2062) Rel-6 Subscription Management (SA5 Feature) [SuM](#)
- (31008) Rel-6 Generic User Profile (SA1 Feature)
- (32021) Rel-6 IMS Phase 2 (SA1 Feature)
- ~~(15010) Rel-6 OSA Enhancements (SA1 Feature)~~

[This feature itself comprises the following Building Blocks](#)

- ~~Rel-6 Principles, high level Requirements and Architecture (OAM-AR) - (SA5 BB)~~
- ~~Rel-6 Network Infrastructure Management (OAM-NIM) - (SA5 BB)~~
- ~~Rel-6 Performance Management (OAM-PM) - (SA5 BB)~~
- (35009) Rel-6 Trace Management ([OAM-Trace](#)) - SA5 BB
- ~~Rel-6 User Equipment Management (SA5 BB)~~

### 3 Justification

The 3GPP specifications need to continue to evolve in Release 6 to allow OAM&P additions and enhancements. The purpose of this Feature level work item is to organise and manage the various SA5 Building Blocks (identified above) for 3GPP Release 6.

Many of these building blocks exist in every 3GPP Release in order to meet the requirements of Classical OAM&P (such as e.g. Fault Management, Performance Management, Network Infrastructure Management etc.) for all other 3GPP Features.

### 4 Objective

The objective of this work item (Feature) is to continue to lay down the OAM&P Framework to be followed by the 3G Telecom Management standardization and met by all other subsequent specifications - to be produced by all 3GPP TSGs (e.g. SA5, RAN O&M, GERAN O&M, ...- pertinent to 3G Systems' Telecom Management).

### 5 Service Aspects

3GPP

OAM&P enhancements arising from Service Aspects (as defined by SA1) of Rel6.

- 6 **MMI-Aspects**  
Unknown at this time
- 7 **Charging Aspects**  
None/Text
- 8 **Security Aspects**  
Unknown at this time
- 9 **Impacts**

Affects:	USIM	ME	AN	CN	Others
Yes			X	X	
No	X				
Don't know		X			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
<a href="#">32 series</a> <a href="#">52 series</a>					<a href="#">12/2004</a>	<a href="#">See the BBs WIDs</a>
Affected existing specifications						
Spec No.	CR	Subject	Approved at plenary#	Comments		
<a href="#">32 series</a> <a href="#">52 series</a>			<del>TSG#21</del> (09/03) <a href="#">12/2004</a>  <a href="#">12/2004</a>	32.2xx specifications ( <a href="#">Charging</a> ) are not included,.  <a href="#">32.14x, 32.17x specifications (Subscription Management) are not included</a> <del>Reason: these fall under the SA5 Feature-level WI on Charging Management.</del>		

- 11 **Work item rapporteurs**  
Michael TRUSS (SA5 Chair, Motorola), ~~Yewen Thomas Richter LI~~ (SA5 Vice-Chair, ~~Cingular Wireless~~China Mobile), Christian Toche (SA5 Vice-Chair, Nortel Networks)
- 12 **Work item leadership**  
SA5
- 13 **Supporting Companies**  
T-Mobile, Motorola, Telia[Sonera](#), Vodafone Group, BT, ~~France Telecom~~, Orange, Ericsson, Siemens, Nortel Networks, [China Mobile](#), ~~Hutchison 3G~~.
- 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 (SA5)
  - Network Infrastructure Management (SA5)
  - Performance Management (SA5)
  - Trace Management (SA5)
  - ~~User Equipment Management (SA5)~~