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**Source:** SA5 (Telecom Management)  
**Title:** Rel-5 CR 32.101 (3G Telecom Management principles and high level requirements)  
**Document for:** Approval  
**Agenda Item:** 7.5.3

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Doc-1st-	Spec	CR	Rev	Phase	Subject	Cat	Version-	Doc-2nd-	Workitem
SP-020449	32.101	019	-	Rel-5	<b>Introduction of new section "O&amp;M of the UMTS Infrastructure Management"</b>	B	5.0.0	S5-022244	OAM-AR

## CHANGE REQUEST

⌘ **32.101 CR 019** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** UICC apps  ME  Radio Access Network  Core Network

<b>Title:</b>	⌘	Introduction of new section "O&M of the UMTS Infrastructure Management"	
<b>Source:</b>	⌘	S5	
<b>Work item code:</b>	⌘	OAM-AR	<b>Date:</b> ⌘ 23/08/2002
<b>Category:</b>	⌘	<b>B</b>	<b>Release:</b> ⌘ Rel-5
		Use <u>one</u> of the following categories:	Use <u>one</u> of the following releases:
		<b>F</b> (correction)	2 (GSM Phase 2)
		<b>A</b> (corresponds to a correction in an earlier release)	R96 (Release 1996)
		<b>B</b> (addition of feature),	R97 (Release 1997)
		<b>C</b> (functional modification of feature)	R98 (Release 1998)
		<b>D</b> (editorial modification)	R99 (Release 1999)
		Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .	Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

<b>Reason for change:</b>	⌘	To introduce the concept of applying TMN principles to the O&M of the Infrastructure Management itself.
<b>Summary of change:</b>	⌘	New section (7.12) to briefly introduce the concept.
<b>Consequences if not approved:</b>	⌘	The concept of O&M of the Infrastructure Management will be missing from 32.101

<b>Clauses affected:</b>	⌘	7.12 (new)										
<b>Other specs affected:</b>	⌘	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> </table>	Y	N		X		X		X	Other core specifications	⌘
Y	N											
	X											
	X											
	X											
			Test specifications									
			O&M Specifications									
<b>Other comments:</b>	⌘											

## 7.11 Subscriber and Equipment Trace Management

Subscriber and Equipment Trace Management is a Feature that allows a Network Operator to activate/deactivate from the Network Management system the tracing of a particular subscriber within the network. Once activated the trace activity is reported back to the Network Management system. It will be possible to request activation of a trace from different Network Elements (via the appropriate Element Management Functionality) depending on the operators requirements. The activation/deactivation and reporting interface for Trace Management between the Network Management and Element Management Systems will be standardised using new and existent IRP Interfaces.

## 7.12 O&M of the UMTS “Management Infrastructure”

As described earlier in this specification, each UMTS organisation has a UMTS management infrastructure consisting of a collection of systems (computers and telecommunications) - a TMN in ITU-T parlance - used to manage its UMTS network. Though this management network is logically distinct from the UMTS network, the operations systems and supporting data communications network comprising it have the same management needs as described for UMTS network elements and where possible should be managed using the same principles and similar management processes and functionality.