

**Source:** SA5 (Telecom Management)  
**Title:** CR 32332 Notification Log IRP Information Service  
**Document for:** Approval  
**Agenda Item:** 7.5.3

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050290	32.332	0001	-	Rel-6	Correct mapping info of currentOccupancyLevel and some editorial errors	F	6.0.0	S5-056332	OAM-NIM

## CHANGE REQUEST

№ 32.332 CR 0001 № rev - № Current version: 6.0.0 №

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>	№ Correct mapping info of currentOccupancyLevel and some editorial errors	
<b>Source:</b>	№ SA5 (huangsq@zte.com.cn)	
<b>Work item code:</b>	№ OAM-NIM	<b>Date:</b> № 13/05/2005
<b>Category:</b>	№ <b>F</b> Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .	<b>Release:</b> № Rel-6 Use <u>one</u> of the following releases: Ph2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) Rel-7 (Release 7)

<b>Reason for change:</b>	№ The formula in currentOccupancyLevel mapping information is wrong, and clause 5.1.1 does not exist, so all the reference to 5.1.1 should be corrected.
<b>Summary of change:</b>	№ 1) correct the matching information of currentOccupancyLevel. 2) correct the reference to 5.1.1 to the reference to 5.5.1.
<b>Consequences if not approved:</b>	№ The currentOccupancyLevel would not be calculated correctly, and those editorial errors may led to misunderstanding of the specification.

<b>Clauses affected:</b>	№ Clause 6.6.1.1, 6.6.1.2, 6.6.1.3.1, 6.6.2.2, 6.6.2.3									
<b>Other specs affected:</b>	<table><tr><td>Y</td><td>N</td></tr><tr><td>№</td><td>X</td></tr><tr><td></td><td>X</td></tr><tr><td></td><td>X</td></tr></table> <div>Other core specifications № Test specifications № O&amp;M Specifications №</div>	Y	N	№	X		X		X	
Y	N									
№	X									
	X									
	X									
<b>Other comments:</b>	№									

## Change in Clause 6.6.1.1 and 6.6.1.2

### 6.6.1.1 Definition

Using this notification, an IRPAgent informs all subscribed IRPManagers about the occupancy level of a certain log according with levels defined in 5.4.5.1 (in addition also the log full action type of this NLIRP instance is being provided for context purposes).

### 6.6.1.2 Input Parameters

Parameter Name	Qualifier	Matching Information	Comment
objectClass	M	--	This parameter and objectInstance together carry the semantics of the DN of Log. Notification header - see 3GPP TS 32.302 [3]
objectInstance	M	--	This parameter and objectClass together carry the semantics of the DN of Log. Notification header - see 3GPP TS 32.302 [3]
notificationId	M	--	Notification header - see 3GPP TS 32.302 [3]
eventTime	M	--	Notification header - see 3GPP TS 32.302 [3]
notificationType	M	"notifyOccupancyLevelCrossed"	Notification header - see 3GPP TS 32.302 [3]
systemDN	C	IRPAgent.systemDN.	It carries the DN of the IRPAgent that emits this notification. Notification header - see 3GPP TS 32.302 [3]
logSubscriptionId	M,Y	Log.logSubscriptionId	See subclause 5.4.5.1
currentOccupancyLevel	M,N	$\text{mod}((\text{Log.currentSize}/\text{Log.currentSize}_{\text{maxSize}})*100)$	See subclause 5.4.5.1
logFullAction	O,N	Log.logFullAction	See subclause 5.4.5.1

## End of Change in Clause 6.6.1.16.6.1.1 and 6.6.1.2

## Change in Clause 6.6.1.3.1

### 6.6.1.3.1 From-state

logFull OR occupanceLevelCrossed

Assertion Name	Definition
logFull	The log is full, that is, the number of log records contained within the log has exceeded the maximum number of log records that was established at log startup (log capacity has reached 100 %).
occupancyLevelCrossed	The number of log records within the log has crossed one of the threshold boundaries (see 5.4.5.1 log.occupancyLevel).

## End of Change in Clause 6.6.1.3.1

## Change in Clause 6.6.2.2 and 6.6.2.3

### 6.6.2.2 Input Parameters

Parameter Name	Qualifier	Matching Information	Comment
objectClass	M	--	This parameter and objectInstance together carry the semantics of the DN of Log. Notification header - see 3GPP TS 32.302 [3]
objectInstance	M	--	This parameter and objectClass together carry the semantics of the DN of Log. Notification header - see 3GPP TS 32.302 [3]
notificationId	M	--	Notification header - see 3GPP TS 32.302 [3]
eventTime	M	--	Notification header - see 3GPP TS 32.302 [3]
notificationType	M	"notifyLoggingResumed"	Notification header - see 3GPP TS 32.302 [3]
systemDN	C	IRPAgent.systemDN.	It carries the DN of the IRPAgent that emits this notification. Notification header - see 3GPP TS 32.302 [3]
logSubscriptionId	M,Y	Log.logSubscriptionId	See subclause 5.4.5.1

### 6.6.2.3 Triggering Event

#### 6.6.2.3.1 From-state

logFull

Assertion Name	Definition
logHalted	The log is full, that is, the number of log records contained within the log has exceeded the maximum number of log records that was established at log startup (log capacity has reached 100 % and Log.logFullAction='halt').
occupancyLevelCrossed	The number of log records within the log has crossed one of the threshold boundaries (see 5.4.5.1 log.occupancyLevel ).

#### 6.6.2.3.2 To-state

Assertion Name	Definition
logging	The number of log records within the log is below the maximum number of allowed records. The generation of the notification is done to inform the subscribed IRPManagers that the log is filling up.

**End of Change in Clause 6.6.2.2 and 6.6.2.3**

## Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Mar 2004	S_23	SP-040123	--	--	Submitted to SA#23 for Information	1.0.0	
Dec 2004	S_26	SP-040798	--	--	Submitted to SA#26 for Approval	2.0.0	6.0.0