CR-Form-v7.1

CHANGE REQUEST

| ⌘ | **29.232** CR 086 | ⌘**rev** **2** ⌘ | Current version: **5.8.0** ⌘ |

*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 **X**

Title: ⌘	Use Of Audit Value		
Source: ⌘	LM Ericsson, Vodafone		
Work item code:⌘	TEI5	***Date:*** ⌘	29/11/2004
Category: ⌘	**F**	***Release:*** ⌘	Rel5

Use <u>one</u> of the following categories:
 F *(correction)*
 A *(corresponds to a correction in an earlier release)*
 B *(addition of feature),*
 C *(functional modification of feature)*
 D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

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)*

Reason for change: ⌘	The use of the H.248 standard Audit Value command is not defined for the Mc interface.In order to improve interworking and avoid implementations that generate excessive signalling due to auditing after restart/service change etc and to minimise the delay to call establishment the use of the Audit Value function should be restricted. For the purpose of this specification which defines the required protocol subset for 3GPP applications, the scope of the Audit commands shall not include methods to determine if the MGW supports the Mc interface – i.e. if the MGW may provide more than one application or interface. **ESSENTIAL CORRECTION**
Summary of change: ⌘	Use of Audit Value is defined more explicitly for the Mc interface.
Consequences if not approved: ⌘	Inter-vendor implementations may cause large variations in network characteristics and poor network performance.

Clauses affected: ⌘	14.1, 14.1.10, 14.1.11

	Y	N		
Other specs ⌘		X	Other core specifications ⌘	
affected:		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

14.1   Call independent H.248 transactions

Table 2 shows the relationship between each non call-related procedure in ITU-T Recommendation Q.1950 [23] (see 3GPP TS 29.205 [7]) and the corresponding stage 2 procedure defined in 3GPP TS 23.205 [2].

For further description of error codes and service change reasons, refer to ITU-T Recommendation H.248.8 [14].

Table 2: Correspondence between ITU-T Recommendation Q.1950 [23]
non call-related transactions and 3GPP TS 23.205 [2] procedures

Transaction used in ITU-T Recommendation Q.1950 [23]	Procedure defined in 3GPP TS 23.205 [2]	Comments
BIWF_Service_Cancellation_Indication	MGW Out of Service	
BIWF_Lost_Communication	MGW Communication Up	
BIWF_Service_Restoration_Indication	MGW Restoration	
BIWF_Registration	MGW Register	
BIWF_Re-Registration	MGW Re-register	
CCU Ordered BIWF Re-Registration	(G)MSC Server Ordered Re-register	
CCU Initiated Service Restoration	(G)MSC Server Restoration	
CCU Initiated Service Cancellation	(G)MSC Server Out of Service	
BIWF_Service_Cancellation_Indication	Termination Out-of-Service	Is a part of BIWF Service cancellation in Q.1950
BIWF_Service_Restoration_Indication	Termination Restoration	Is a part of BIWF Service cancellation in Q.1950
Audit_Values	Audit Value	
Audit_Capabilities	Audit Capability	
BIWF_Capability_Change	Capability Update	
	MGW Resource Congestion Handling - Activate	
	MGW Resource Congestion Handling - Indication	

14.1.10   Audit Value

This procedure is the same as described in the subclause "Audit Values" in ITU-T Recommendation Q.1950 [23] (see 3GPP TS 29.205 [7]), with the following clarifications:.

1   AUD_VAL.req (Audit_Values)   MGC to MGW

Address Information	Control information	Bearer information
	Transaction ID = z Context ID = Null/Context ID/ALL Termination ID = Termination(s)/Root/ALL(see NOTE1) Audit Descriptor = Empty/ Audit Token = Media: Service State + Packages NOTE1: "All" shall refer to 1 TDM group. It shall not be used for ATM or IP terminations.	

Upon reception of the command in the MGW:

- The Service State returns the current Service State

- When Packages are requested, the Package Names and Versions are returned.

2   AUD_VAL.resp   MGW to MGC

Address Information	Control information	Bearer information
	Transaction ID = z	
	Context ID = Null/Context ID	
	Termination ID =	
	Termination(s)/Root/All(see NOTE1)	
	Empty Audit Descriptor:	
	-	
	AuditToken = Media:	
	Service State = Current Service State	
	AuditToken = Packages:	
	Packages Descriptor =	
	Package Names + Versions	
	NOTE1: ALL may be returned for a TDM group.	