
Source: SA5 (Telecom Management)
Title: Rel-4 CR 32.215 (Charging data description for PS domain)
Document for: Decision
Agenda Item: 7.5.3

Doc-1st-	Spec	CR	R	Phas	Subject	Cat	Ver	Doc-2nd-	Workitem
SP-040276	32.215	033	-	Rel-4	Correction of QoS information definition	F	4.7.0	S5-044354	OAM-CH

CHANGE REQUEST

⌘ **32.215 CR 033** ⌘ rev - ⌘ Current version: **4.7.0** ⌘

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

Title:	⌘ Correction of QoS information definition		
Source:	⌘ SA5 (gerald.goermer@siemens.com)		
Work item code:	⌘ OAM-CH	Date:	⌘ 14/05/2004
Category:	⌘ F	Release:	⌘ Rel-4
	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: 2 (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)

Reason for change:	⌘ The QoS information definition is inconsistent with the ASN.1 code.		
Summary of change:	⌘ The definition of the QoS information is corrected according the implementation guidance.		
Consequences if not approved:	⌘ Errors in the GPRS Charging due to incorrect mapping of the QoS information.		

Clauses affected:	⌘ 5.35						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	⌘						

Change in subclause 5.35

5.35 QoS Requested/QoS Negotiated

Quality of Service Requested contains the QoS desired by MS at PDP context activation. QoS Negotiated indicates the applied QoS accepted by the network.

If a pre-Release '99 only capable terminal is served, the [applicable QoS parameters and their encoding in the CDRs are specified in TS 32.015 \[12\]](#). ~~QoS profile consists of five (5) attributes as follows: reliability, delay, precedence, peak throughput and mean throughput. The encoding of this QoS profile shall be in accordance with GSM 12.15.~~

~~In Release 99 and R4, the QoS profile consists of the above 2G parameters plus the following UMTS attributes: Traffic class ("conversational", "streaming", "interactive", "background"), Maximum bit rate (kbps), Delivery order (y/n), Maximum SDU size (octets), SDU error ratio, Residual bit error ratio, Delivery of erroneous SDUs (y/n/), Transfer delay (ms), Traffic handling priority, Allocation/Retention Priority. This QoS profile shall be encoded according to the "Quality of Service (QoS) Profile" parameter. In all other cases, the applicable QoS attributes are defined in the "Quality of Service profile" in TS 23.060 [2], and their encoding in the CDR corresponds to the "Quality of Service profile" specified in 3GPP TS 29.060 [8].~~

End of Change in subclause 5.35
End of Document

Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Mar 2001	S_11	SP-010025	--	--	Replaces Release 99 of 3GPP 32.005, which will be discontinued from Release 4 onwards.	-	1.0.0
Jun 2001	S_12	SP-010236	--	--	Re-submitted to SA#12 for Information	1.1.0	1.1.1
Sep 2001	S_13	SP-010464	--	--	Submitted to TSG SA #13 for Approval	2.0.0	4.0.0
Mar 2002	S_15	SP-020022	001	--	Addition of CAMEL phase 3 extensions in SMS-MO CDR	4.0.0	4.1.0
Mar 2002	--	--	--	--	Cosmetics (title, styles, formatting, etc.)	4.1.0	4.1.1
Jun 2002	S_16	SP-020285	004	--	Corrections of parameter CallEventRecord	4.1.1	4.2.0
Dec 2002	S_18	SP-020734	006	--	Corrections on parameter Destination Number	4.2.0	4.3.0
Dec 2002	S_18	SP-020736	008	--	Alignment of LCS charging	4.2.0	4.3.0
Dec 2002	S_18	SP-020808	011	--	Corrections on MMS records ASN.1 definition	4.2.0	4.3.0
Mar 2003	S_19	SP-030054	013	--	CDR correction for data services over lu-interface - alignment with SA1's 22.002	4.3.0	4.4.0
Sep 2003	S_21	SP-030407	019	--	Correction to positioning data in ASN.1.	4.4.0	4.5.0
Sep 2003	S_21	SP-030407	020	--	Correction of ASN.1 code errors in LCS definitions	4.4.0	4.5.0
Dec 2003	S_22	SP-030765	021	1	Add inter-network accounting in the GMSC (only if CN#22 approved CN3 CR 29.007)	4.5.0	4.6.0
Mar 2004	S_23	SP-040139	024	--	Correction to ASN.1 Charging Data Record (CDR) - Alignment with R99 32.005	4.6.0	4.7.0