

**3GPP TSG CN Plenary Meeting #21**  
**17<sup>th</sup> – 19<sup>th</sup> September 2003 Frankfurt, GERMANY.**

**NP-030381**

**Source:** TSG CN WG4  
**Title:** Small Technical Enhancements and Improvements for GTP  
**Agenda item:** 7.11  
**Document for:** APPROVAL

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<b>Spec</b>	<b>CR</b>	<b>Rev</b>	<b>Doc-2nd-Level</b>	<b>Phase</b>	<b>Subject</b>	<b>Cat</b>	<b>Ver_C</b>
29.060	432		N4-030808	Rel-4	Correction of incorrect reference to a withdrawn specification	F	4.8.0
29.060	433		N4-030809	Rel-5	Correction of incorrect reference to a withdrawn specification	A	5.6.0
29.060	434		N4-030810	Rel-6	Correction of incorrect reference to a withdrawn specification	A	6.1.0

## CHANGE REQUEST

⌘ **29.060 CR 432** ⌘ rev **-** ⌘ Current version: **4.8.0** ⌘

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

<b>Title:</b>	⌘ Correction of incorrect reference to a withdrawn specification		
<b>Source:</b>	⌘ CN4		
<b>Work item code:</b>	⌘ TEI4	<b>Date:</b>	⌘ 25/08/2003
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel4
	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>	⌘ In the GTP protocol specification there is an incorrect reference to a withdrawn specification (44.008)		
	This change needs to be agreed by consensus		
<b>Summary of change:</b>	⌘ The correct references are put back in place		
<b>Consequences if not approved:</b>	⌘ Some implementors may be misled to believe such specification existed and then start implementing according to best guesses.		

<b>Clauses affected:</b>	⌘ 7.7.34										
<b>Other specs affected:</b>	<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;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">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>	⌘										

**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.

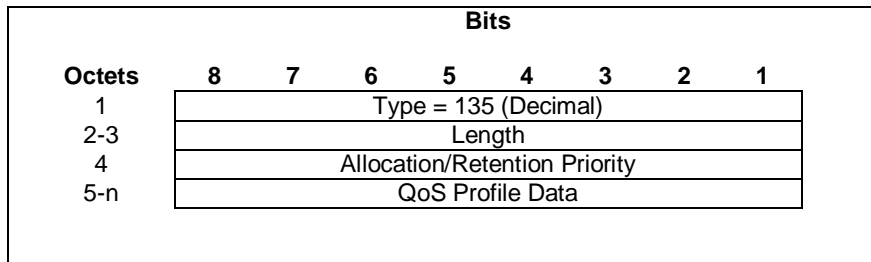
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

### 7.7.34 Quality of Service (QoS) Profile

The Quality of Service (QoS) Profile shall include the values of the defined QoS parameters. Octet 4 carries the allocation/retention priority octet that is defined in 3GPP TS 23.107. The allocation/retention priority octet encodes each priority level defined in 3GPP TS 23.107 as the binary value of the priority level. Octets 5 - n are coded according to 3GPP TS 24.008 Quality of Service IE, octets 3 - 13. If a pre-Release '99 only capable terminal is served, octets 5 - n are coded according to 3GPP TS ~~24.008~~4.008 Quality of Service IE, octets 3 - 5. The minimum length of the field QoS Profile Data is 3 octets; the maximum length may be up to 254 octets.

The allocation/retention priority shall be ignored if the QoS profile is pre-Release '99 or the QoS profile is present in Quality of Service Requested (QoS Req) of the PDP context. A receiving end shall interpret the QoS profile Data field to be coded according to 3GPP TS ~~44.008~~4.008 octets 3-5 (i.e. according to the pre-Release '99 format) if the Length field value is 4.

**Figure 48: Quality of Service (QoS) Profile Information Element**



CR-Form-v7

## CHANGE REQUEST

⌘ **29.060 CR 433** ⌘ rev **-** ⌘ Current version: **5.6.0** ⌘

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>	⌘ Correction of incorrect reference to a withdrawn specification		
<b>Source:</b>	⌘ CN4		
<b>Work item code:</b>	⌘ GTP enhancements	<b>Date:</b>	⌘ 25/08/2003
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ Rel5
	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>	⌘ In the GTP protocol specification there is an incorrect reference to a withdrawn specification (44.008)		
<b>Summary of change:</b>	⌘ The correct references are put back in place		
<b>Consequences if not approved:</b>	⌘ Some implementors may be misled to believe such specification existed and then start implemting according to best guesses.		

<b>Clauses affected:</b>	⌘ 7.7.34						
<b>Other specs affected:</b>	<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>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	⌘
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Test specifications			
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	O&M Specifications			
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
<b>Other comments:</b>	⌘						

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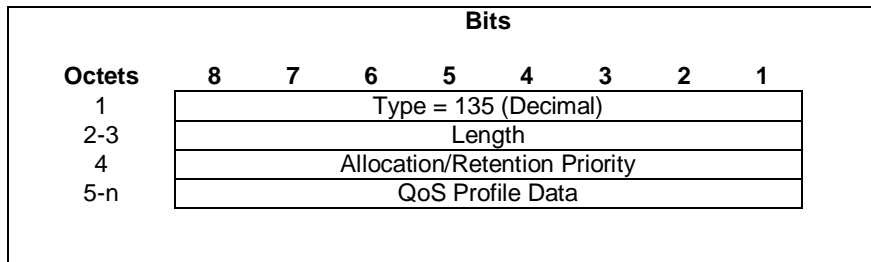
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The allocation/retention priority shall be ignored if the QoS profile is pre-Release '99 or the QoS profile is present in Quality of Service Requested (QoS Req) of the PDP context. A receiving end shall interpret the QoS profile Data field to be coded according to 3GPP TS ~~44.008~~4.08 octets 3-5 (i.e. according to the pre-Release '99 format) if the Length field value is 4.

**Figure 48: Quality of Service (QoS) Profile Information Element**



## CHANGE REQUEST

⌘ **29.060 CR 434** ⌘ rev **-** ⌘ Current version: **6.1.0** ⌘

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>	⌘ Correction of incorrect reference to a withdrawn specification		
<b>Source:</b>	⌘ CN4		
<b>Work item code:</b>	⌘ GTP enhancement	<b>Date:</b>	⌘ 25/08/2003
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ Rel6
	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> .		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)

<b>Reason for change:</b>	⌘ In the GTP protocol specification there is an incorrect reference to a withdrawn specification (44.008)
<b>Summary of change:</b>	⌘ The correct references are put back in place
<b>Consequences if not approved:</b>	⌘ Some implementors may be misled to believe such specification existed and then start implemting according to best guesses.

<b>Clauses affected:</b>	⌘ 7.7.34						
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Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
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