

3GPP TSG CN Plenary Meeting #16
Marco Island, USA, 5th – 7th June 2002

NP-020203

Source: TSG CN WG2
Title: CRs on R99 Work Item CAMEL3, CR Pack 2
Agenda item: 7.1
Document for: APPROVAL

Introduction:

This document contains a CR on R99 WI CAMEL3 and the mirror CR for Rel-4. These CRs have been agreed by TSG CN WG2 and are forwarded to TSG CN Plenary meeting #16 for approval.

Spec	CR	Rev	Doc-2nd-Level	Phase	Subject	Cat	Ver_C
23.078	395	1	N2-020434	R99	Correction of EventReportGPRS parameter QOS	F	3.12.0
23.078	396	1	N2-020435	Rel-4	Correction of EventReportGPRS parameter QOS	A	4.4.0

CR-Form-v4

CHANGE REQUEST

⌘ **23.078 CR 395** ⌘ rev **1** ⌘ Current version: **3.12.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Correction for EventReportGPRS parameter QOS		
Source:	⌘ Alcatel		
Work item code:	⌘ CAMEL 3	Date:	⌘ 10/04/02
Category:	⌘ F (essential correction) 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 <u>TR 21.900</u> .	Release:	⌘ R99 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)

Reason for change:	⌘ The content of the QOS IE in the CAP operation EventReportGPRS is not described.
Summary of change:	⌘ The missing table referenced for the IE QOS is added.
Consequences if not approved:	⌘ Possible misunderstanding on the content of the QOS IE in Event Report GPRS

Clauses affected:	⌘ Paragraf 6.6.1.4		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications	⌘ <input type="checkbox"/>	⌘ <input type="checkbox"/>
	<input type="checkbox"/> Test specifications	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> O&M Specifications	<input type="checkbox"/>	<input type="checkbox"/>
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/3G_Specs/CRs.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.

First modification

6.6.1.4 Event Report GPRS

6.6.1.4.1 Description

This IF is used to notify the gsmSCF of a GPRS event previously requested by the gsmSCF in a Request Report GPRS Event IF.

6.6.1.4.2 Information Elements

The following information elements are required:

Information element name	Required	Description
GPRS Reference Number	C	This IE consists of a number assigned by the gprsSSF and a number assigned by the gsmSCF. It is used for TCAP dialogue segmentation. Refer to 3GPP TS 29.078 [5] for the usage of this element.
GPRS Event type	M	This IE specifies the type of event that is reported.
Misc GPRS Info	M	This IE indicates the DP type (EDP-N or EDP-R).
GPRS Event Specific Information	M	This IE contains information specific to the reported event.
PDP ID	C	This IE identifies the PDP context, which the Report GPRS Event is applicable for. If not present the dialogue corresponds to the Attach/Detach State Model or to one single PDP context.
M	Mandatory (The IE shall always be sent).	
C	Conditional (The IE shall be sent, if available).	

If the *GPRS Event type* contains DP Change of Position GPRS Session, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Location Information in SGSN	M	See clause 7.6.1.2.2.
M	Mandatory (The IE shall always be sent).	

If the *GPRS Event type* contains DP Change of Position Context, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Access Point Name	C1	This IE identifies the Access Point Name to which the MS is connected.
Charging ID	C1	This IE contains the Charging ID received from the GGSN for the PDP context.
Location Information in SGSN	M	See clause 7.6.1.2.2.
End User Address	C1	See clause 6.6.1.5.2.
Quality Of Service	C1	This IE is described in the table below.
Time and Time Zone	C1	This IE contains the time that the gprsSSF met the detection point, and the time zone the gprsSSF resides in.
GGSN Address	C1	This IE contains the GGSN address for control plane to which the MS is connected, see 3GPP TS 23.003 [37].
M	Mandatory (The IE shall always be sent).	
C1	Conditional (The IE shall be sent, if available at inter-SGSN routing area update. Shall not be sent at intra-SGSN routing area update).	

If the *GPRS Event type* contains DP Detach or DP PDP context disconnection, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Initiating Entity	M	This IE identifies the entity that has initiated the disconnection or detachment.
Routeing Area Update	C	This IE indicates that the Detach or Disconnection is due to inter-SGSN routeing area update.
M	Mandatory (The IE shall always be sent).	
C	Optional (The IE shall be sent, if applicable).	

If the *GPRS Event type* contains DP PDP context establishment, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Access Point Name	C	This IE identifies the Access Point Name the MS has requested to connect to.
End User Address	C	See clause 6.6.1.5.2.
Quality Of Service	M	This IE is described in the table below.
Location Information in SGSN	M	See clause 7.6.1.2.2.
Time and Time Zone	M	This IE contains the time that the gprsSSF met the detection point, and the time zone the gprsSSF resides in.
PDP Initiation Type	M	This IE indicates whether a PDP context was established as a result of a network-initiated request or as a result of a subscriber request.
Secondary PDP context	C	This IE indicates that the PDP context activation was requested for a secondary PDP context. See 3GPP TS 23.060 [11].
M	Mandatory (The IE shall always be sent).	
C	Conditional (The IE shall be sent, if available).	

If the *GPRS Event type* contains DP PDP context establishment acknowledgement, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Access Point Name	M	This IE identifies the Access Point Name to which the MS is connected.
Charging ID	M	This IE contains the Charging ID received from the GGSN for the PDP context.
End User Address	M	See clause 6.6.1.5.2.
Quality Of Service	M	This IE is described in the table below.
Location Information in SGSN	M	See clause 7.6.1.2.2.
Time and Time Zone	M	This IE contains the time that the gprsSSF met the detection point, and the time zone the gprsSSF resides in.
GGSN Address	M	This IE contains the GGSN address for control plane to which the MS is connected, see 3GPP TS 23.003 [37].
M	Mandatory (The IE shall always be sent).	

Quality of Service contains the following information elements:

Information element name	Required	Description
<u>Requested QoS</u>	<u>C</u>	This IE identifies the QoS requested by the subscriber for the PDP Context. It shall be included if the EventReportGPRS is sent at PDP Context Establishment, at PDP Context Establishment Acknowledgement and at Change of Position Context.
<u>Subscribed QoS</u>	<u>C</u>	This IE identifies the subscribed QoS. It shall be included if the EventReportGPRS is sent at PDP Context Establishment, at PDP Context Establishment Acknowledgement and at Change of Position Context.
<u>Negotiated QoS</u>	<u>C</u>	This IE identifies the QoS which was negotiated between the user, the SGSN and the GGSN. It shall be included if the EventReportGPRS is sent at PDP Context Establishment Acknowledgement and at Change of Position Context.
C	Conditional (The IE shall be sent, if available).	

First modification end

CHANGE REQUEST

⌘ **23.078 CR 396** ⌘ rev **1** ⌘ Current version: **4.4.0** ⌘

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Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

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Source:	⌘ Alcatel		
Work item code:	⌘ CAMEL 3	Date:	⌘ 10/04/02
Category:	⌘ A	Release:	⌘ REL-4
	<i>Use one of the following categories:</i> 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.	<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)	

Reason for change:	⌘ The content of the QOS IE in the CAP operation EventReportGPRS is not described.
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Other comments:	⌘		

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The following information elements are required:

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GPRS Event type	M	This IE specifies the type of event that is reported.
Misc GPRS Info	M	This IE indicates the DP type (EDP-N or EDP-R).
GPRS Event Specific Information	M	This IE contains information specific to the reported event.
PDP ID	C	This IE identifies the PDP context, which the Report GPRS Event is applicable for. If not present the dialogue corresponds to the Attach/Detach State Model or to one single PDP context.
M	Mandatory (The IE shall always be sent).	
C	Conditional (The IE shall be sent, if available).	

If the *GPRS Event type* contains DP Change of Position GPRS Session, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Location Information in SGSN	M	See clause 7.6.1.2.2.
M	Mandatory (The IE shall always be sent).	

If the *GPRS Event type* contains DP Change of Position Context, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Access Point Name	C1	This IE identifies the Access Point Name to which the MS is connected.
Charging ID	C1	This IE contains the Charging ID received from the GGSN for the PDP context.
Location Information in SGSN	M	See clause 7.6.1.2.2.
End User Address	C1	See clause 6.6.1.5.2.
Quality Of Service	C1	This IE is described in the table below.
Time and Time Zone	C1	This IE contains the time that the gprsSSF met the detection point, and the time zone the gprsSSF resides in.
GGSN Address	C1	This IE contains the GGSN address for control plane to which the MS is connected, see 3GPP TS 23.003 [37].
M	Mandatory (The IE shall always be sent).	
C1	Conditional (The IE shall be sent, if available at inter-SGSN routing area update. Shall not be sent at intra-SGSN routing area update).	

If the *GPRS Event type* contains DP Detach or DP PDP context disconnection, then the GPRS Event Specific Information IE contains the following information elements:

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M	Mandatory (The IE shall always be sent).	
C	Optional (The IE shall be sent, if applicable).	

If the *GPRS Event type* contains DP PDP context establishment, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Access Point Name	C	This IE identifies the Access Point Name the MS has requested to connect to.
End User Address	C	See clause 6.6.1.5.2.
Quality Of Service	M	This IE is described in the table below.
Location Information in SGSN	M	See clause 7.6.1.2.2.
Time and Time Zone	M	This IE contains the time that the gprsSSF met the detection point, and the time zone the gprsSSF resides in.
PDP Initiation Type	M	This IE indicates whether a PDP context was established as a result of a network-initiated request or as a result of a subscriber request.
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M	Mandatory (The IE shall always be sent).	
C	Conditional (The IE shall be sent, if available).	

If the *GPRS Event type* contains DP PDP context establishment acknowledgement, then the GPRS Event Specific Information IE contains the following information elements:

Information element name	Required	Description
Access Point Name	M	This IE identifies the Access Point Name to which the MS is connected.
Charging ID	M	This IE contains the Charging ID received from the GGSN for the PDP context.
End User Address	M	See clause 6.6.1.5.2.
Quality Of Service	M	This IE is described in the table below.
Location Information in SGSN	M	See clause 7.6.1.2.2.
Time and Time Zone	M	This IE contains the time that the gprsSSF met the detection point, and the time zone the gprsSSF resides in.
GGSN Address	M	This IE contains the GGSN address for control plane to which the MS is connected, see 3GPP TS 23.003 [37].
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<u>Requested QoS</u>	<u>C</u>	This IE identifies the QoS requested by the subscriber for the PDP Context. It shall be included if the EventReportGPRS is sent at PDP Context Establishment, at PDP Context Establishment Acknowledgement and at Change of Position Context.
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<u>Negotiated QoS</u>	<u>C</u>	This IE identifies the QoS which was negotiated between the user, the SGSN and the GGSN. It shall be included if the EventReportGPRS is sent at PDP Context Establishment Acknowledgement and at Change of Position Context.
C	Conditional (The IE shall be sent, if available).	

First modification end