

Joint TSG-S4#10 - SMG11#15 Meeting
February 28-March 3, 2000, Helsinki, Finland

Tdoc S4/SMG11 (00)0110

3GPP TSG SA WG2#11
Puerto Vallarta, Mexico, Jan 24-Jan 28, 2000

S2-000308

To: TSG CN WG1

CC: TSG SA WG4

Source: TSG SA WG2

Title: Answer to liaison statement from N1 "LS on questions on the CR 10r1 to TS 23.107"

S2 would like to thank N1 for their LS on CR 10r1 to TS 23.107. S2 agrees with N1 that the wording in 23.107 regarding the deletion of PDP contexts in handovers from Release 99 to Release 97/98 networks was not entirely clear and the intention was to refer to PDP contexts sharing the same PDP address as stated in the LS from N1.

It was decided to modify this section of 23.107 to align the wording there with 23.060v3.2.0 section 11.1.1. The CR which introduces this modification to 23.107 (23.107 CR14, S2-000199) is attached to this liaison statement.

<h2 style="margin: 0;">CHANGE REQUEST</h2>		<small>Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.</small>	
23.107 CR 014		Current Version: 3.1.0	
<small>GSM (AA.BB) or 3G (AA.BBB) specification number ↑</small>		<small>↑ CR number as allocated by MCC support team</small>	
For submission to: SA #7	for approval <input checked="" type="checkbox"/>	strategic <input type="checkbox"/>	<small>(for SMG use only)</small>
<small>list expected approval meeting # here ↑</small>	for information <input type="checkbox"/>	non-strategic <input type="checkbox"/>	

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <ftp://ftp.3gpp.org/Information/CR-Form-v2.doc>

Proposed change affects: (U)SIM ME UTRAN / Radio Core Network
(at least one should be marked with an X)

Source: Nokia **Date:** 25.01.2000

Subject: Clarification of Inter-release handover

Work item: _____

Category:	F Correction <input checked="" type="checkbox"/>	Release:	Phase 2 <input type="checkbox"/>
<small>(only one category shall be marked with an X)</small>	A Corresponds to a correction in an earlier release <input type="checkbox"/>		Release 96 <input type="checkbox"/>
	B Addition of feature <input type="checkbox"/>		Release 97 <input type="checkbox"/>
	C Functional modification of feature <input type="checkbox"/>		Release 98 <input type="checkbox"/>
	D Editorial modification <input type="checkbox"/>		Release 99 <input checked="" type="checkbox"/>
			Release 00 <input type="checkbox"/>

Reason for change: It is not clear in Annex C of 23.107v3.1.0 which PDP contexts are to be deleted when a handover from R99 to R97/98 occurs. This CR clarifies this issue by aligning the description in Annex C with the correct description in 23.060v3.2.0, section 11.1.1.

Clauses affected: Annex C

Other specs affected:	Other 3G core specifications <input type="checkbox"/>	→ List of CRs:	
	Other GSM core specifications <input type="checkbox"/>	→ List of CRs:	
	MS test specifications <input type="checkbox"/>	→ List of CRs:	
	BSS test specifications <input type="checkbox"/>	→ List of CRs:	
	O&M specifications <input type="checkbox"/>	→ List of CRs:	

Other comments: _____



help.doc

<----- double-click here for help and instructions on how to create a CR.

Annex C (normative): Determine which QoS profile is of highest QoS

In handovers from Release 99 to GPRS Release 97/98 networks, it will be necessary to determine which PDP context of a set of PDP contexts provides the highest QoS, since of a set of PDP contexts with the same APN and PDP address all other PDP contexts except the one with the highest QoS profile will be deactivated.

If several PDP contexts have been activated for the same APN and PDP address in the first SGSN (secondary PDP context activation), then all PDP contexts except the PDP context with the highest-quality QoS profile are deleted in the MS and in the first SGSN, and the first SGSN shall initiate deletion of these PDP contexts in the GGSN.

To determine which PDP context that has the highest QoS table 8 is used. Only the PDP context(s) with the highest QoS ranking will be maintained and the rest will be deactivated. In a second step, if more than one PDP context remain, Maximum bitrate attribute is compared. All PDP contexts except the PDP context(s) with the highest Maximum bitrate will be deactivated.

If more than one PDP context remain after the second step, all PDP contexts except that with the lowest NSAPI are deactivated.

Table 8

QoS ranking	2	conversational	Traffic class
	3	streaming	Traffic class
	1	Interactive	Traffic class
		1	Traffic handling priority
	4	Interactive	Traffic class
		2	Traffic handling priority
	5	Interactive	Traffic class
		3	Traffic handling priority
6	Background	Traffic class	

