

Source: SA5 (Telecom Management)
Title: 2 Rel-5/6 CR 32.403 Correction of measurement about iFailed PDP context activation procedures initiated by Networki
Document for: Approval
Agenda Item: 7.5.3

Doc-1 st -Level	Doc-2 nd -Level	Spec	CR	Rev	Phase	Subject	Cat	Ver-Cur	Wi
SP-040576	S5-048742	32.403	049	--	Rel-5	Correction of measurement about iFailed PDP context activation procedures initiated by Networki	F	5.7.0	OAM-PM
SP-040576	S5-048743	32.403	050	--	Rel-6	Correction of measurement about iFailed PDP context activation procedures initiated by Networki	A	6.4.0	OAM-PM

CHANGE REQUEST

⌘ **32.403 CR 049** ⌘ rev - ⌘ Current version: **5.7.0** ⌘

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Proposed change affects: | UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction of measurement about iFailed PDP context activation procedures initiated by Networki		
Source:	⌘ SA5 (llrui@bupt.edu.cn, liyewen@chinamobile.com)		
Work item code:	⌘ OAM-PM	Date:	⌘ 20/08/2004
Category:	⌘ F	Release:	⌘ Rel-5
	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 iFailed PDP context activation procedures initiated by Networki procedure is applicable for GSM and UMTS, but the measurement name does not distinguish them. Furthermore, the condition for failure should have two cases: 1) the SGSN receives a " REQUEST PDP CONTEXT ACTIVATION REJECT " message from the MS. 2) the SGSN does not receive any expected messages during the procedure. The second case is absent.		
Summary of change:	⌘ Correction of the measurement name to distinguish between GSM and UMTS and add the missing condition for failure procedure.		
Consequences if not approved:	⌘ It is not clear to identify what does the measurement count, GSM, UMTS or Combined. The failure measurement is not accurate.		

Clauses affected:	⌘ 5.6.26										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="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;">X</td> <td style="text-align: center;"> </td> </tr> </table> Other core specifications Test specifications O&M Specifications	Y	N		X		X	X		⌘	Rel-6 32.403
Y	N										
	X										
	X										
X											
Other comments:	⌘ Rel-6 Mirror CR in S5-048743.										

Change in Clause 5.6.26

5.6.26 Failed PDP context activation procedures initiated by Network

- a) This measurement provides the number of Failed PDP context activation procedures. These include the static as well as the dynamic PDP addresses. This measurement is split into subcounters per failure cause.
- b) CC.
- c) Receipt of a "REQUEST PDP CONTEXT ACTIVATION REJECT" message from the MS (TS 24.008) message indicating a PDP context activation failure, the measurement is incremented according to the failure cause. Possible causes are included in TS 24.008.
Each expected "ACTIVATE PDP CONTEXT REQUEST" or "REQUEST PDP CONTEXT ACTIVATION REJECT" message not received by the SGSN is added to the measurement cause 'No Reply' (not specified in TS 24.008).
 The sum of all supported per cause measurements should equal the total number of PDP context activation failures. In case only a subset of per cause measurements is supported, a sum subcounter will be provided first.
- d) Each measurement is an integer value. The number of measurements is equal to the number of causes supported plus a possible sum value identified by the .sum suffix. A single integer value.
- e) ~~The measurement name has the form SM.FailActPdpCtxtNtwk.Cause where Cause identifies the failure cause.~~ The cause 'No Reply' is identified by the .NoReply suffix.

SM.FailActPdpCtxtNtwk.Cause	Combined (don't care)
SM.FailActPdpCtxtNtwk.Cause.G	GSM
SM.FailActPdpCtxtNtwk.Cause.U	UMTS
<u>Note: where Cause identifies the failure cause</u>	

- f) SgsnFunction.
- g) Valid for packet switching.
- h) GSM/UMTS.

End of Change in Clause 5.6.26
End of Document

Annex C (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2001	S_12	SP-010237	--	--	Submitted to TSG SA #12 for Approval.	1.0.2	4.0.0
Sep 2003	S_21	SP-030431	022	--	Correction of outgoing intra-cell hard handovers measurements	5.3.0	5.4.0
Dec 2003	S_22	SP-030645	024	--	Correction of terms used for subcounter definitions	5.4.0	5.5.0
Mar 2004	S_23	SP-040134	027	--	Correction of "Radio link addition" measurements	5.5.0	5.6.0
Jun 2004	S_24	SP-040266	031	--	Correction of Inter-RAT handover measurements	5.6.0	5.7.0
Jun 2004	S_24	SP-040267	034	--	Correction of RAB assignment measurements	5.6.0	5.7.0
Jun 2004	S_24	SP-040269	037	--	Correction of hard handover measurement definitions	5.6.0	5.7.0

CHANGE REQUEST

⌘ **32.403 CR 050** ⌘ rev - ⌘ Current version: **6.4.0** ⌘

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Proposed change affects: | UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction of measurement about iFailed PDP context activation procedures initiated by Networki		
Source:	⌘ SA5 (llrui@bupt.edu.cn, liyewen@chinamobile.com)		
Work item code:	⌘ OAM-PM	Date:	⌘ 20/08/2004
Category:	⌘ A	Release:	⌘ Rel-6
	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)	

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Consequences if not approved:	⌘ It is not clear to identify what does the measurement count, GSM, UMTS or Combined. The failure measurement is not accurate.

Clauses affected:	⌘ 5.6.15.1										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	⌘ Rel-6 Mirror CR to S5-048742.										

Change in Clause 5.6.15.1

5.6.15.126 Failed PDP context activation procedures initiated by Network

- a) This measurement provides the number of Failed PDP context activation procedures. These include the static as well as the dynamic PDP addresses. This measurement is split into subcounters per failure cause.
- b) CC.
- c) Receipt of a "REQUEST PDP CONTEXT ACTIVATION REJECT" message from the MS (TS 24.008) message indicating a PDP context activation failure, the measurement is incremented according to the failure cause. Possible causes are included in TS 24.008.
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- f) SgsnFunction.
- g) Valid for packet switching.
- h) GSM/UMTS

End of Change in Clause 5.6.15.1 End of Document

Annex C (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2004	S_24	SP-040267	035	--	Correction of iRAB assignment measurements	6.3.0	6.4.0
Jun 2004	S_24	SP-040269	038	--	Correction of ihard handover measurement definitions	6.3.0	6.4.0
Jun 2004	S_24	SP-040270	039	--	Addition of the measurements about RAB modification and RAB release by CN	6.3.0	6.4.0