

**TSG-RAN Meeting #28**  
**Quebec, Canada, 01-03 June 2005**

**RP-050336**  
**agenda item 8.2.1**

**Source: TSG-RAN WG2.**

**Title: 25.331 CR on Radio link failure in F-DPCH**

The following CR is in RP-050336:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level	Workitem
25.331	2599	-	Rel-6	Radio link failure in F-DPCH	F	6.5.0	6.6.0	R2-051646	RANimp-RABSE-CodeOptFDD

Note: Linked with the RAN WG1 CR 25.214 CR 378R1, in RP-050333.

CR-Form-v7.1

## CHANGE REQUEST

# 25.331 CR 2599 # rev - # Current version: 6.5.0 #

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>	# Radio link failure in F-DPCH		
<b>Source:</b>	# RAN WG2		
<b>Work item code:</b>	# RANimp-RABSE-CodeOptFDD	<b>Date:</b>	# 11/05/2005
<b>Category:</b>	# <b>F</b>	<b>Release:</b>	# Rel-6
	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: Ph2 (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) Rel-7 (Release 7)

<b>Reason for change:</b>	# Radio link failure criteria and actions upon it are not defined when the F-DPCH is configured for the UE.		
<b>Summary of change:</b>	# The F-DPCH case is included in current radio link failure criteria section.		
<b>Consequences if not approved:</b>	# Radio link failure criteria and actions upon it are not defined for the F-DPCH case in TS25.331.		

<b>Clauses affected:</b>	# 8.5.6										
<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;">#</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> Other core specifications	Y	N	#	#	#	X	#	X	# 25.214 CR 0378rev1.	
Y	N										
#	#										
#	X										
#	X										
<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.

## 8.5.6 Radio link failure criteria and actions upon radio link failure

In CELL\_DCH State, after receiving N313 consecutive "out of sync" indications from layer 1 for the established DPCCCH or F-DPCH physical channel in FDD, and the physical channels associated with mapped DCCHs in TDD, the UE shall:

- 1> start timer T313;
- 1> upon receiving N315 successive "in sync" indications from layer 1 and upon change of UE state:
  - 2> stop and reset timer T313.
- 1> if T313 expires:
  - 2> consider it as a "Radio link failure".

Periods in time where neither "in sync" nor "out of sync" is reported by layer 1 do not affect the evaluation of the number of consecutive (resp. successive) "in sync" or "out of sync" indications.

When a radio link failure occurs, the UE shall:

- 1> clear the dedicated physical channel configuration;
- 1> perform actions as specified for the ongoing procedure;
- 1> if no procedure is ongoing or no actions are specified for the ongoing procedure:
  - 2> perform a cell update procedure according to subclause 8.3.1 using the cause "radio link failure".