3G CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

TS 25.321	**CR**	**??**	Current Version:	3.0.0

3G specification number ↑ ↑ *CR number as allocated by 3G support team*

For submission to TSG _____

list TSG meeting no. here ↑

for approval **X** *(only one box should*
for information ☐ *be marked with an X)*

Form: 3G CR cover sheet, version 1.0   The latest version of this form is available from: ftp://ftp.3gpp.org/Information/3GCRF-xx.rtf

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Proposed change affects:
(at least one should be marked with an X)

USIM ☐   ME **X**   UTRAN **X**   Core Network ☐

Source:	Siemens		**Date:**	16/08/99

Subject: Restructuring of TS25.321 Annex B

3G Work item:

Category: *(only one category shall be marked with an X)*

F	Correction	**X**
A	Corresponds to a correction in a 2G specification	
B	Addition of feature	
C	Functional modification of feature	
D	Editorial modification	

Reason for change: Removing of redundant information on CPCH.

Clauses affected: Annex B

Other specs affected:

Other 3G core specifications	☐	→ List of CRs:
Other 2G core specifications	☐	→ List of CRs:
MS test specifications	☐	→ List of CRs:
BSS test specifications	☐	→ List of CRs:
O&M specifications	☐	→ List of CRs:

Other comments:

help.doc

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

ANNEX B (informative):

Control of CPCH

B.1 Overview

The Common Packet Channel (CPCH) is multi-access contention based transport channel in the uplink .

The MAC may multiplex control and user data from multiple logical channels in the same CPCH transmission. The MAC functions associated with the CPCH are

- Scheduling

- Multiplexing/demultiplexing

- Inband identification of UEs

Procedures associated with the CPCH are
- CPCH access procedure (see Annex B in TS25.301[2])

B.21 Scheduling of control and user data transmission

Scheduling of control and data transmission on CPCH is similar to that of RACH (cf. 14.2.4.2).

Transmission scenarios for CPCH include:

- Initial CPCH transmission

- CPCH Busy Retransmission

- Collision Detected Retransmission

- Selection of CPCH Channel

UE MAC monitors the availability of the CPCH channels in the CPCH Set allocated to the UE. UE MAC selects an available channel considering RNC persistency parameter and the capacity of the CPCH. If access to the selected CPCH is denied, channel reselection and retransmission may occur.

B.3 Multiplexing/demultiplexing of higher layer PDUs to/from CPCH transport blocks

UE MAC supports service multiplexing for CPCH transport channels similar to the RACH (cf. 14.2.4.3).

B.4 Inband Identification of UEs

Inband identification of UEs for the CPCH is identical to that for the RACH (cf. 14.2.4.4)

B.5 Selection of CPCH Channel

UE MAC monitors the availability of the CPCH channels in the CPCH Set allocated to the UE. UE MAC selects an available channel considering RNC persistency parameter and the capacity of the CPCH. If access to the selected CPCH is denied, channel reselection and retransmission may occur.