

Agenda Item: 4.3
Source: Nokia
Title: **CR to 25.303 on removal of FFS in DSCH transmission example**
Document for: Approval

RAN WG1 has included into the specification the possibility for not sending the code words corresponding for the DSCH activity from all downlink links (liaison Tdoc RAN WG2 534/99). FFS pending on this reply from RAN WG1 can now be removed from the example on downlink data transmission on the DCH / DCH + DSCH in 25.303.

3G CHANGE REQUEST

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

25.303 CR 00?

Current Version: **3.0.0**

3G specification number ↑

↑ CR number as allocated by 3G support team

For submission to TSG **RAN#5** for approval (only one box should
list TSG meeting no. here ↑ 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>

Proposed change affects: USIM ME UTRAN Core Network
(at least one should be marked with an X)

Source: TSG-RAN WG2 **Date:** 16/08/99

Subject: Removal of FFS in DSCH transmission example

3G Work item:

Category: F Correction
A Corresponds to a correction in a 2G specification
(only one category shall be marked with an X) B Addition of feature
C Functional modification of feature
D Editorial modification

Reason for change: Removal of FFS pending on RAN WG1 confirmation from DSCH downlink data transmission.

Clauses affected: 7.3.1

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.

7.3.1 Acknowledged-mode data transmission in DCH / DCH + DSCH

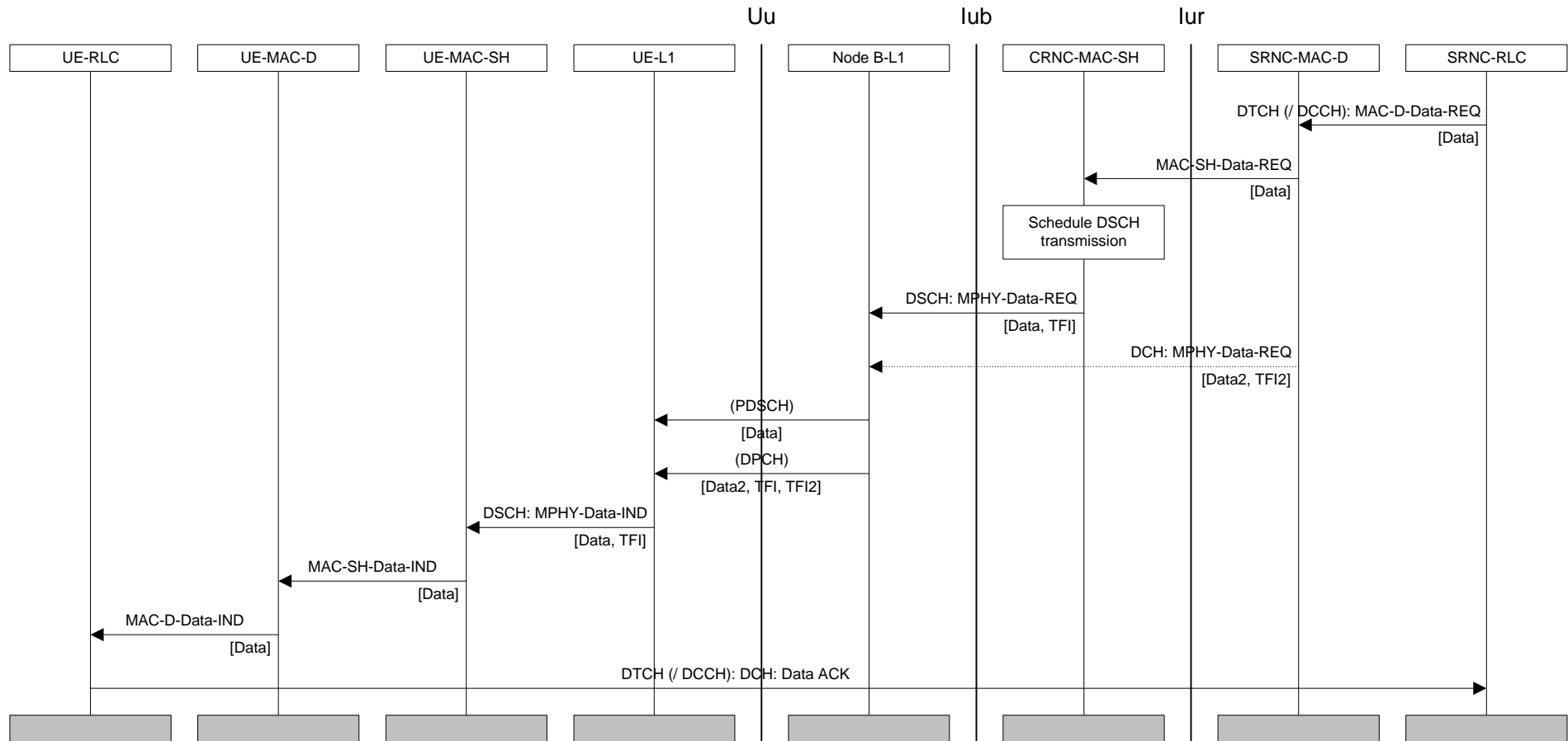


Figure 1: Example of acknowledged-mode data transmission on DSCH

[Editor's note: This example is currently FFS, pending confirmation from WG1 on the use of independent parts of TFCI with different active sets.]

Figure 1 shows an example of acknowledged-mode data transmission on DSCH in the DCH / DCH + DSCH substate. First RLC in SRNC requests data transmission locally from MAC-d. MAC-d routes the request either locally or across the Iur to MAC-sh in CRNC, where DSCH transmission scheduling takes place. MAC-SH determines the TFI for the data and requests data transmission across Iub from the physical layer in Node B. At the same time data for an associated dedicated channel may arrive in Node B.

TFI for the DSCH and TFI2 for the DCH are combined in the physical layer and transmitted on the DPCCCH (dedicated physical control channel) of the associated DPCH (dedicated physical channel). The DSCH data is transmitted separately on the PDSCH (physical downlink shared channel). TFI is used to decode DSCH data, which is then forwarded through MAC-sh and MAC-d to the receiving RLC. An acknowledgement is eventually sent by the UE-RLC mapped to a DCH, unless the DCH is released before the acknowledgement.