

**Title: SRNC Controlled Coordinated Physical Channel Reconfiguration**

**Source: Italtel, Siemens, CSELT**

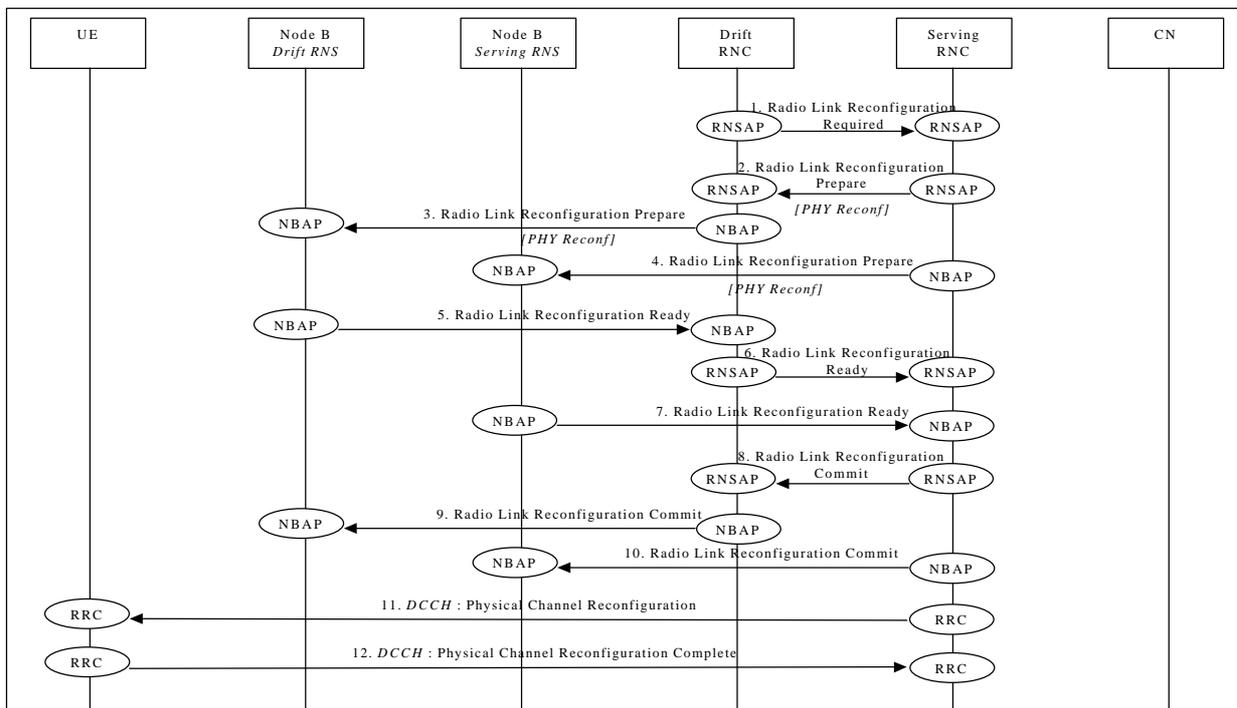
**Agenda Item: 7.1 (UTRAN functions, signalling procedures - TR 25.931)**

**Document for: Approval**

This contribution proposes an example for the SRNC Controlled Coordinated Physical Channel Reconfiguration procedure on a dedicated channel (DCH).  
 The content presented in this document is proposed to be added to TR 25.931 'UTRAN Functions, Example on

### SRNC Controlled Coordinated Physical Channel Reconfiguration

The procedure can be applied when the reconfiguration requires to be coordinated among Node-Bs, i.e. the UE is connected to more than one Node B.  
 The time in which to perform the reconfiguration needs to be synchronised among UE and the node B (synchronised procedure).



**SRNC Controlled Coordinated Physical Channel Reconfiguration**

1. DRNC decides that a Physical Channel Reconfiguration is needed and sends the RNSAP message **Radio Link Reconfiguration Required** to the SRNC. This message is optional and is used only when there is the need to trigger a Physical Channel Reconfiguration by the DRNC.
2. SRNC decided that there is a need for a coordinated Physical Channel Reconfiguration and requests DRNC to prepare reconfiguration of DCH.  
 Parameters: Transport Format Set, Transport Format Combination Set, Power control information.

3. DRNC requests its Node B to prepare reconfiguration of physical channel (**Radio Link Reconfiguration Prepare**).  
Parameters: Transport Format Set, Transport Format Combination Set, Power control information, DL channelisation code.
4. SRNC requests its Node B to prepare reconfiguration of physical channel (**Radio Link Reconfiguration Prepare**).  
Parameters: Transport Format Set, Transport Format Combination Set, Power control information, Time Slots (TDD only), User Codes (TDD only).
5. Node B allocates resources and notifies DRNC that the reconfiguration is ready (**Radio Link Reconfiguration Ready**).  
Parameters: Transport layer addressing information (AAL2 address, AAL2 Binding Id) for Iub Data Transport Bearer.
6. DRNC notifies SRNC that the reconfiguration is ready (**Radio Link Reconfiguration Ready**).  
Parameters: Transport layer addressing information (AAL2 address, AAL2 Binding Id) for Iub Data Transport Bearer.
7. Node B allocates resources and notifies SRNC that the reconfiguration is ready (**Radio Link Reconfiguration Ready**).  
Parameters: DL channelisation code Per Cell (FDD only), Transport layer addressing information (AAL2 address, AAL2 Binding Id) for Iub Data Transport Bearer.
8. RNSAP message **Radio Link Reconfiguration Commit** is sent from SRNC to DRNC.
9. NBAP message **Radio Link Reconfiguration Commit** is sent from DRNC to Node B.
10. NBAP message **Radio Link Reconfiguration Commit** is sent from SRNC to Node B.
11. RRC message **Physical Channel Reconfiguration** is sent by SRNC to UE.  
Parameters: DL channelisation code per cell (FDD only), Time Slots (TDD only), User Codes (TDD only), CFN.
12. UE sends RRC message **Physical Channel Reconfiguration Complete** to SRNC.