

Title: Intra-Node B Hard Handover

Source: InterDigital

Agenda Item: 23 (UTRAN functions, 25.931)

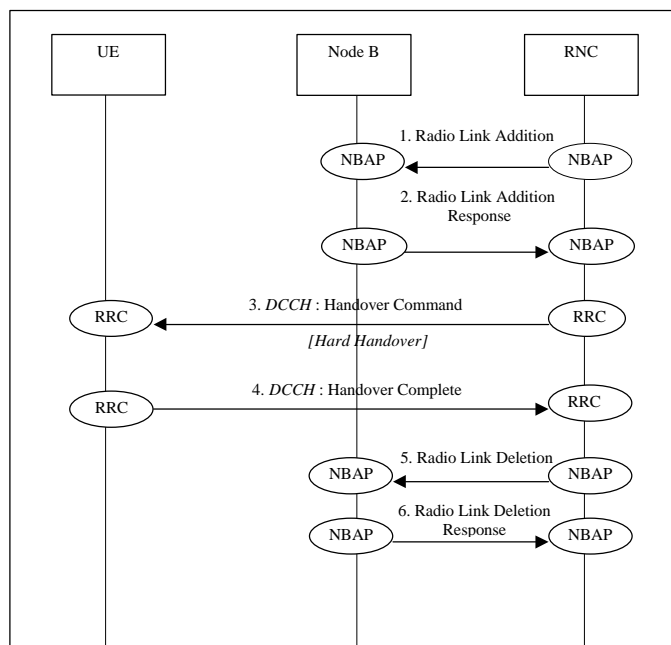
Document for: Approval

This contribution is intended to replace existing section 9.13.1.1 Intra Node-B Hard Handover procedure in the document 25.931 "UTRAN Functions, Example on Signaling Procedure". The following is proposed.

Replace the section 9.13.1.1 Intra Node B Hard Handover in the document 25.931 "UTRAN Functions, Example on Signaling Procedure" with the following.

9.13.1.1 Intra-Node B Hard Handover

This section shows an example of Intra-Node B Hard Handover procedure assuming that a DCH is established on this interface.



Intra-Node B Hard Handover

1. RNC sends **Radio Link Addition** message to the Node B.
2. The Node B allocates new resources, starts PHY reception, and responses with NBAP message **Radio Link Addition Response**.

3. RNC sends a RRC message **Handover Command** to the UE.
4. When the RRC connection is established via the Node B and necessary radio resources have been allocated the UE sends RRC message **Handover Complete** to the RNC.
5. The RNC sends NBAP message **Radio Link Deletion** to the Node B.
Parameters: Cell id, Transport layer addressing information.
6. The Node B de-allocates old radio resources. Successful outcome is reported in NBAP message **Radio Link Deletion Response**.