TSG-RAN Working Group 3 meeting #2   *TSGW3#2(99)177*
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Agenda Item: 10

Source: Nokia

Title: **CCCH Indication RNSAP Procedure**

Document for:

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1   Introduction

Controlling RNC may receive uplink CCCH messages from UE that are intended to an other RNC, the serving RNC, therefore a mechanism to transmit these messages over Iur is required. Currently the Iur Description document includes procedure Cell/URA Update indication. It is not however necessary and even not desirable for the CRNC to interpret the contents of the RRC message unnecessarily, therefore this contribution proposes a more general procedure for the purpose. Also the handling of RRC connection re-establishment should be handled similarly which further justifies the usage of a more general procedure in Iur.
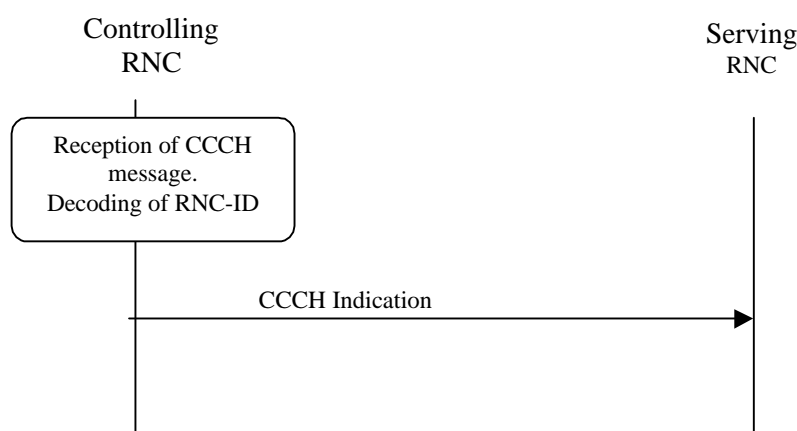
2   CCCH Indication procedure

Figure 1. CCCH Indication RNSAP procedure

CCCH Indication RNSAP procedure is used to transmit a received UL CCCH message from the controlling RNC to the Serving RNC.

Upon reception of a CCCH message the controlling RNC decodes the included RNC Identifier of the Serving RNC. Controlling RNC allocates a c-RNTI for the UE and forwards the received CCCH message together with the allocated c-RNTI to the correct RNC utilising the RNSAP CCCH INDICATION message.

3   Proposal

It is proposed that the CCCH Indication procedure in chapter 2 is included into the RNSAP Protocol Specification S3.23. It is also proposed to remove the current procedure Cell/URA Update Indication.