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Agenda Item:	7.1
Source:	Nokia
Title:	**URA Update in DRNC without SRNC relocation**
Document for:	Approval

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1 Introduction

This contribution shows the signalling procedure for the URA update procedure in the DRNS without SRNC relocation. This contribution is line with the current version of RNSAP specification.

2 Inter RNC URA update

This example shows an Inter RNS URA update in DRNS without SRNC relocation. In this example target RNS, source RNS and serving RNS are all located separately from each other. Other scenarios can be easily derived from this most comprehensive signalling procedure.
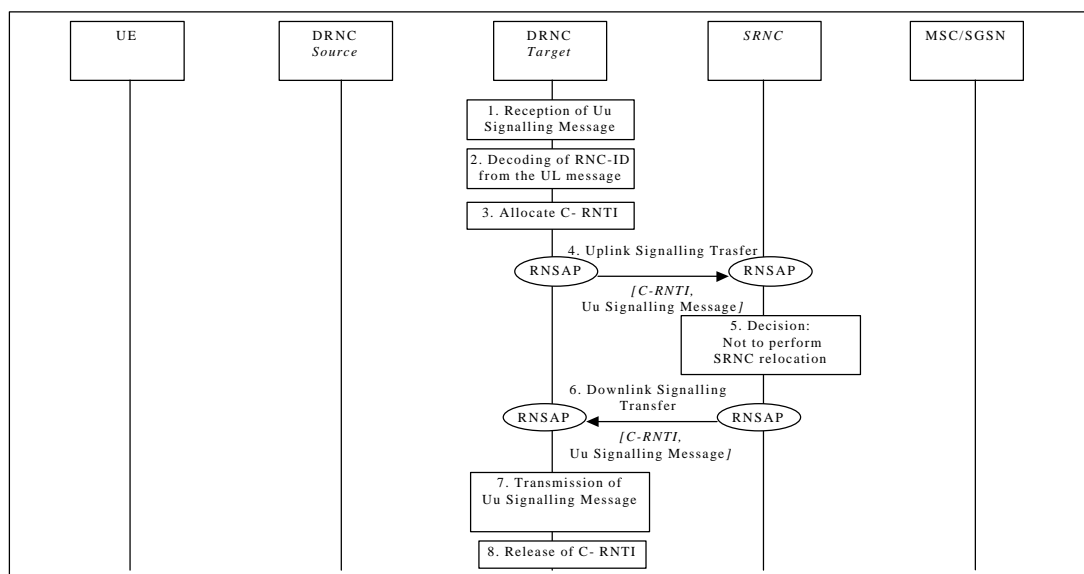
1. UE sends a RRC message URA Update to the UTRAN, after having made cell re-selection and URA has changed.

2. Upon reception of the message from a UE, controlling RNC decodes the RNC ID and the S-RNTI.

3. The UE is not registered in the CRNC (RNC ID and SRNTI unknown), thus CRNC allocates C-RNTI for the UE.

4. Controlling RNC forward the received Uu signalling message towards the SRNC by RNSAP UPLINK SIGNALLING TRANSFER message. Messages includes also the cell-ID from which the message was received and the allocated C-RNTI.

5.　Upon reception of the RNSAP message SRNC decides not to perform a SRNC relocation towards the target RNC.

6.　SRNC replies with the RNSAP DOWNLINK SIGNALLING TRANSFER message containing the DL Uu signalling message to be sent to UE. Message includes also the C-RNTI and the Cell-ID indicated in the preceeding UPLINK SIGNALLING TRANSFER message.

7.　The URA Update Confirm is sent to the UE

8.　DRNC releases the allocated C-RNTI.

It is ffs. whether a URA Update Complete is needed to confirm the successful reception of URA Update Confirm. The decision is to be made by 3GPP RAN WG2.

3　Proposal

The proposal is to replace the existing text in chapter 9.15.2 'Inter-RNS URA Update via Iur' of I3.01 with the chapter 2 of this contribution.