**3GPP TSG-RAN2 Meeting #116-e *R2-21xxxxx***

Electronical meeting, 1st- 12th November 2021

**Title: [Draft] LS on SN initiated inter-SN CPC**

**Release:** Rel-17

**Work Item:** LTE\_NR\_DC\_enh2-Core

**Source:** Ericsson (to be RAN2)

**To:** RAN3

**Cc:** -

**Contact Person:**

**Name:** Cecilia Eklöf

**Tel. Number:** +46763353243

**E-mail Address:** cecilia.eklof@ericsson.com

**Attachments:**

**1. Overall description:**

RAN2 has discussed SN initiated inter-SN CPC and has agreed on Solution 2, where the MN may inform the S-SN about the accepted/rejected candidate PSCell(s), and get a response from the S-SN including modifications of the UE configuration (e.g. measurement configuration) to be transmitted in the RRC Reconfiguration message including the CPC configurations to the UE. RAN2 assumes the MN decides, based on network implementation, whether to skip the second part of Solution 2 procedure. RAN2 has two understandings on the second part:

a) MN not waiting for S-SN -> MN response or   
b) Both messages (i.e. MN-> S-SN and S->MN) being left out.

RAN2 thinks MN can skip the second part of procedure in Solution 2 at least when T-SN acknowledges all candidate PSCells.

RAN2 has also agreed to define a new inter-node message, CG-CandidateList, to transfer to the MN the SCG radio configuration for one or more candidate target PSCells for Conditional PSCell Addition (CPA) or Conditional PSCell Change (CPC) as generated by the candidate target SgNB. The CG-CandidateList contains a list of accepted candidate target PSCell identity (frequency and PCI) and the corresponding CG-Config message containing the SCG radio configuration.

Furthermore, RAN2 has agreed to define in CG-Config, a list of proposed target PSCell candidates and associated execution conditions, which is sent from the S-SN to the MN. The MN then provides to the T-SN a list of proposed candidate PSCells, but without execution conditions (a different list structure is used).

**2. Actions:**

**To 3GPP RAN3**

**ACTION:**

RAN2 respectfully asks RAN3 to take the above agreements into account, update relevant RAN3 specifications and provide feedback if any issues are found with respect to RAN2 decisions provided above.

**3. Date of next TSG RAN WG2 meetings:**

RAN2#116-bis 17th January - 25th January 2022 Online

RAN2#117 21st February - 3rd March 2022 Online