3GPP TSG RAN WG1 #103 R1-200xxxx

e-Meeting, October 26th – November 13th, 2020

**Title: [Draft]** LS on HARQ-ACK codebook configuration for secondary PUCCH group

**Response to:** N/A

**Release:** Rel-16

**Work Item:** LTE\_NR\_DC\_CA\_enh-Core

**Source:** Nokia [RAN1]

**To:** RAN2

**Contact Person:**

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**Attachments:** N/A

**1. Overall Description:**

RAN1 #103 discussed the issue that according to the current specification, both *pdsch-HARQ-ACK-CodebookList-r16* and *pdsch-HARQ-ACK-Codebook-secondaryPUCCHgroup-r16* can be configured simultaneously. In this case, it is not clear how to determine the HARQ-ACK codebook type for the two HARQ-ACK codebooks for the secondary PUCCH group. If *pdsch-HARQ-ACK-CodebookList-r16* is followed, HARQ-ACK codebook type for the secondary PUCCH group cannot be separately configured from the primary PUCCH group. Otherwise if *pdsch-HARQ-ACK-Codebook-secondaryPUCCHgroup-r16* is followed, only one HARQ-ACK codebook can be configured for the secondary PUCCH group which is not aligned with the intention in URLLC.

RAN1 agreed to resolve the issue with the following solution:

* **The same RRC configuration pdsch-HARQ-ACK-CodebookList-r16 is applied to both primary PUCCH group and secondary PUCCH group if two PUCCH groups are configured.**

**2. Actions:**

**To RAN2 group**

**ACTION:** RAN1 respectfully asks RAN2 to take the above into account and update the TS38.331 accordingly

**3. Date of Next TSG-RAN1 Meetings:**

3GPPRAN1#104-e 25 Jan – 5 Feb 2021 E-meeting

3GPPRAN1#105-e 12 - 20 April 2021 E-meeting