**3GPP TSG RAN WG1 Meeting #101-e R1-200xxxx**

**e-Meeting, May 25th- June 5th, 2020**

**Title: [**Draft] Reply LS on cell specific signal/channel configurations

**Response to:** R3-202859

**Release:** Rel-16

**Work Item:** NR\_IAB-Core

**Source:** ZTE [RAN1]

**To:** RAN3

**Cc:**

**Contact Person:**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**1. Overall Description:**

RAN1 thanks RAN3 for the LS R3-202859 on cell-specific signal/channel configurations.

With discussion in RAN1 #101-e, RAN1 would like to provide the responses for the following RAN3-requested action:

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| --- |
| RAN3 kindly asks RAN1 to provide feedback whether the following approaches are feasible from RAN1 perspective and whether any additional alternatives should be considered.* Explicitly configure these resources used for CSI-RS and SR as Hard at the child node or Not Available at the parent node. Meanwhile, exclude CSI-RS and SR configurations from the list of cell-specific signals/channels configurations.
* Make the CSI-RS and SR configurations as optional in the cell-specific signals/channels configurations so that they do not have to be configured if signaling storm becomes a concern.
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***RAN1 response:***

RAN1 agrees that the following approach is feasible from RAN1 perspective.

*“Make the CSI-RS and SR configurations as optional in the cell-specific signals/channels configurations so that they do not have to be configured if signaling storm becomes a concern.”*

RAN1 does not reach consensus that the following approach is feasible.

*“Explicitly configure these resources used for CSI-RS and SR as Hard at the child node or Not Available at the parent node. Meanwhile, exclude CSI-RS and SR configurations from the list of cell-specific signals/channels configurations.”*

This approach does not enable the ability for the configuration of soft resources at a child node which overlap with CSI-RS and SR resources, which was agreed to be supported in RAN1 and there is currently no consensus to revert this agreement. If this approach is adopted by RAN3, RAN1 should be informed in order to determine the impact on RAN1 specifications.

No other alternatives result from RAN1 #101-e discussion.

**2. Actions:**

**To RAN3**

**ACTION:** RAN1 respectfully requests RAN3 to take the above into account.

**4. Date of Next TSG-RAN WG1 Meetings:**

TSG-RAN WG1 Meeting #102 24 – 28 August 2020, E-meeting

TSG-RAN WG1 Meeting #102bis 12 – 16 October 2020, E-meeting