**3GPP TSG RAN WG1 #113**  **R1-230xxxx**

Incheon, Korea, May 22nd – May 26th, 2023

**Title:** Draft reply LS to RAN2 on unified TCI-state and fast SCell activation

**Response to:** R2-2304549

**Release:** Release 17

**Work Item:** NR\_feMIMO-Core, LTE\_NR\_DC\_enh2

**Source:** ZTE [RAN WG1]

**To:** RAN WG2

**Cc:** RAN WG4

**Contact Person:**

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**1. Overall Description:**

RAN1 would like to thank RAN2 for the question in LS in R2-2304549 on unified TCI-state and fast SCell activation and would like to provide the following response.

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| --- |
| RAN2 observed that the RRC specification restricts that the QCL information of the resource set for the fast SCell activation in *SCellActivationRS-Config* can only be indicated by the TCI state configured by the Rel-15 field *tci-StatesToAddModList*, and discussed whether the Rel-17 unified TCI state configured in *dl-OrJointTCI-StateList* can be used to indicate the QCL information of resource set for the fast SCell activation. RAN2 would like to ask RAN1 to answer the following Question:  **Question: Is the reference signal used for fast SCell activation allowed to be configured with the *qcl-Info* that is indicated by TCI-state from the *dl-OrJointTCI-stateList*, by the current RAN1 specification?** |

**Answer to Question:** Yes, RAN1 confirms that the reference signal used for fast SCell activation is allowed to be configured with the *qcl-Info* that is indicated by *TCI-state* from the *dl-OrJointTCI-stateList* or *tci-StatesToAddModList*, whichever is configured for the UE subjective to existing UE capabilities, by the current RAN1 specification.

**2. Actions:**

**To RAN2 group.**

**ACTION:** RAN1 requests RAN2 to kindly take the above information into account.

**3. Date of Next TSG-RAN WG1 Meeting:**

TSG-RAN WG1 Meeting #114 August 21st – August 25th, 2023 Toulouse, FR

TSG-RAN WG1 Meeting #114-bis October 9th – October 13th, 2023 Xiamen, CN