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

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

**Title:** Reply LS on Cell DTX/DRX activation/deactivation

**Response to:** R1-2304334 (R2-2304568)

**Release:** Release 18

**Work Item:** Netw\_Energy\_NR-Core

**Source:** []

**To:** RAN2

**Cc:** RAN3

**Contact person:**

**Attachments:** none

# 1 Overall description

RAN1 has discussed the topic of Cell DTX/DRX.

With respect to questioned asked by RAN2, RAN1 has concluded the following:

* Support of L1 signaling at least for activation/deactivation of a cell DTX and/or DRX configuration is feasible (e.g., in terms of enabling/disenabling the feature) from RAN1 perspective.
* From RAN1 point of view, dedicated L1 signaling for activation/deactivation of a cell DTX and/or DRX configuration is reliable.
* From RAN1 point of view, majority of the companies believe reliability for group common L1 signaling for activation/deactivation of a cell DTX and/or DRX configuration is sufficient
* RAN1 supports the group common L1 signaling using PDCCH for cell DTX/DRX activation and deactivation without HARQ feedback.
* Support of the group common L1 signaling is subject to UE capability

RAN1 also asks RAN2 to consider the additional support of MAC CE based indication of cell DTX and/or DRX configuration activation and deactivation.

RAN1 is further working on the details of the group common L1 signaling using PDCCH, and will inform RAN2 as further details are agreed and made available.

# 2 Actions

**To RAN2**

**ACTION:** RAN1 respectfully asks RAN2 to consider the above in further specification development of cell DTX/DRX operations.

# 3 Dates of next TSG RAN WG1 meetings

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

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