3GPP TSG-RAN WG3 Meeting #128 R3-253754

**Malta, MT, May 19 – 23, 2025**

Agenda Item: 10.4

Source: Lenovo (moderator)

Title: SoD of SONMDT leftovers

Document for: Approval

# For the Chairman’s Notes

Propose to capture the following:

**Proposal 1: NW collects the absolute time (i.e. accumulated time) spent in the PSCell with SCG activated state.**

**Proposal 2: Add the absolute time with SCG activated in the Last Visited PSCell Information IE.**

**Proposal 3: Additional information is not needed for UHI Enhancement for SCG Deactivation/Activation.**

**Agree the TP R3-25xxxx was R3-253196 (E///)**

# Discussion

This SoD focus on UHI Enhancement for SCG Deactivation/Activation.

RAN3#127 bis meeting agreed:

**Wait for RAN2 progress on whether to use absolute time, relative time or another form to express SCG activated time**

We can find that RAN2#129 bis meeting discussed MHI Enhancement for SCG Deactivation/Activation and agreed that:

* UE reports the absolute time it has spent in PSCell with SCG activated in MHI.

Referring to RAN2’s progress, for network-based solution, [1-3] proposed that NW can collect absolute time (e.g. accumulated time) spent in the PSCell with SCG activated state.

**Q1: NW can collect absolute time (e.g. accumulated time) spent in the PSCell with SCG activated state?**

If Q1 is agreed, the spec impacts should be further discussed.

[1] proposed to add accumulated time with SCG activated in the *Last Visited PSCell Information* IE in TS38.413.

However, [3] proposed that only stage 2 description in TS37.340 is needed, considering MN or SN itself could know the PSCell activation/deactivation status and time duration with SCG activated. If any scenario is identified that the PSCell status information should be transmitted between nodes, such as from MN to target SN, the stage 3 impact can be discussed accordingly.

**Q2: stage 2 or stage 3 TP to capture absolute time (e.g. accumulated time) in the PSCell with SCG activated state?**

Another issue is whether additional information e.g. throughput threshold used for activating, average throughput, or number of activations is needed for UHI Enhancement for SCG Deactivation/Activation, [1-3] proposed that the additional information is unnecessary.

**Q3: Additional information e.g. throughput threshold used for activating, average throughput, or number of activations is not needed for UHI Enhancement for SCG Deactivation/Activation?**

# Conclusion, Recommendations [if needed]

If needed.

# References

1. R3-253196, (TP for BL CR to 38.413 for SON) UHI for SCG activation and deactivation, Ericsson
2. R3-253314, Discussion on UHI enhancement for SCG Deactivation or Activation, Lenovo
3. R3-253630, (TP for SON BLCR for TS37.340) Rel-18 SON and MDT leftovers, Samsung, Jio Platforms