3GPP TSG-RAN WG3 Meeting #125 R3-243868

**Maastricht, Netherlands, 19th - 23rdAug, 2024**

**Agenda Item: 17**

**Source: Ericsson (Moderator)**

**Title: Summary of offline discussions: Rel-19 Network Energy Saving**

**Document for: Discussion and Approval**

# Introduction

**CB: # NES\_OnDemandSIB1**

* **- Try to find the conclusion in RAN3 to report to RAN on on-Demand SIB1 for R19 NES checkpoint**

(moderator - E///)

Summary of offline disc [R3-244708](file:///C%3A%5C3GPP%5CRAN3%5C2024%5CRAN3%23125%5CWork%20On%20Site%5CInbox%5CR3-244708.zip)

# For the Chairman’s Notes

**It is proposed to capture the following in the chairman’s notes.**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**For “Support on-demand SIB1 for UEs”, RAN3 has agreed that:**

**Case 2 can be supported with the below details:**

* *UL WUS configuration is decided by NES Cell DU.*
* *UL WUS configuration transmission from NES Cell DU to NES Cell CU. NES gNB-CU sends UL WUS configuration to Cell A gNB-CU over Xn Interface.*
* *Upon the reception of the UL WUS configuration, Cell A can provide feedback to NES Cell on whether the WUS configuration Transmission for NES Cell is accepted in Cell A (confirm, reject). FFS if Cell A broadcasts it right away or not.*

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* The End \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

# 3 Discussion

#### 3.1 Support on-demand SSB SCell operation

No agreement reached during offline discussion.

#### 3.2 Support on-demand SIB1 for UEs

##### 3.2.1 **Signalling aspect:**

**Other Xn Interface Aspect:**

It is agreed that:

**Upon the reception of the WUS configuration, Cell A can provide feedback to NES Cell on whether the WUS configuration Transmission for NES Cell is accepted in Cell A (confirm, reject). FFS if Cell A broadcast it right away or not.**

# 4 References

|  |  |  |
| --- | --- | --- |
| [R3-244347](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244347.zip) | WI Work plan for R19 Network Energy Savings (Ericsson) | Discussion |
| [R3-244237](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244237.zip) | On support on-demand SSB SCell operation (CATT) | discussion |
| [R3-244106](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244106.zip) | (TP for TS 38.473) Discussion on on-demand SSB SCell operation (Huawei) | other |
| [R3-244348](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244348.zip) | On-demand SSB SCell operation (Ericsson) | discussion |
| [R3-244169](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244169.zip) | Support on-demand SSB operation (NEC) | discussion |
| [R3-244214](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244214.zip) | Discussion on on-demand SSB SCell operation in low-carbon green network (Samsung) | discussion |
| [R3-244330](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244330.zip) | Discussion on On-demand SSB for SCell (Lenovo) | discussion |
| [R3-244380](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244380.zip) | On-Demand SSB SCell operation for UEs in connected mode (Nokia) | discussion |
| [R3-244465](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244465.zip) | Further discussion on on-demand SSB Scell operation (ZTE Corporation) | discussion |
| [R3-244576](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244576.zip) | (TP for TS 38.473) Discussion on On-Demand SSB SCell Operation (CMCC) | other |
| [R3-244349](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244349.zip) | On-demand SIB1 transmission (Ericsson) | discussion |
| [R3-244331](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244331.zip) | Discussion on On-demand SIB1 for Idle/Inactive UE (Lenovo) | discussion |
| [R3-244466](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244466.zip) | Further discussion on on-demand SIB1 (ZTE Corporation) | discussion |
| [R3-244146](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244146.zip) | Aspects of on-demand SIB1 for NES enhancements (Qualcomm Inc.) | discussion |
| [R3-244107](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244107.zip) | Discussion on on-demand SIB1 for UEs in idle or inactive mode (Huawei) | discussion |
| [R3-244170](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244170.zip) | Support on-demand SIB1 (NEC) | discussion |
| [R3-244215](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244215.zip) | Discussion on on-demand SIB1 in low-carbon green network (Samsung) | discussion |
| [R3-244238](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244238.zip) | On support on-demand SIB1 for idle UE (CATT) | discussion |
| [R3-244381](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244381.zip) | Open Issues in support of On-Demand SIB1 (Nokia) | discussion |
| [R3-244577](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244577.zip) | Support On-Demand SIB1 for UEs (CMCC) | discussion |
| [R3-244633](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_125%5CDocs%5CR3-244633.zip) | Discussion on OD-SIB1 (Rakuten Mobile, Inc) | discussion |