3GPP TSG-RAN WG2#129-bis R2-25XXXXX

Wuhan, China, April 7 – April 11, 2025

Agenda Item: 8.5.1

Source: Huawei, HiSilicon

Title: Report of [POST129][101][NES] (Huawei)

Document for: Discussion and decision

# 1 Introduction

This document is the report of the following discussion:

* [POST129][101][NES] (Huawei)

 **Scope:** Capture all agreements in 38.300 running CR.

 **Intended outcome:** Endorsed 38.300 running CR in R2-2501461.

**Deadline: Long email discussion (Mar. 21st 10:00 UTC)**

Please provide your comments by Thursday March 20th 10:00 UTC to allow 24h for the rapporteur to update the CR before the deadline.

Companies providing input to this email discussion are requested to leave contact information below.

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| **Company** | **Delegate name** | **Email address** |
| OPPO | Qianxi Lu | qianxi.lu@oppo.com |
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# 2 RRC CR for NES

The post-RAN2#129 draft running stage-2 CR for NES enhancements and a document for providing comments are provided in the discussion folder. Please don’t change the CR text or insert comments to the CR file. Please use the table below for comments and wording suggestions for clarity of the CR tdoc. If you want to highlight several issues, please use comment IDs e.g. HW001, HW002, etc. so it is easier for the rapporteur to respond.

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| **Company and comment ID (e.g. HW001)** | **Section and detailed comments/suggestions** | **Rapporteur response** |
| OPPO001 | **Paging adaptation for cell level energy saving**: in order to reduce gNB signalling, the value of N and Ns are extended to concentrate the POs in sparser PFs. The UE supporting paging adaptation shall monitor PDCCH in its NES specific PO.[OPPO] The yellow terms is not rigorous, since PO for R19 NES UE can be shared with legacy UE, and also R19 UE may also monitor legacy PO if network does not configure R19 PO at all. |  |
| OPPO002 | If a cell is activating or going to activate NES OD-SIB1, the cell can allow the access of UEs capable of NES OD-SIB1 but prevent the access of UEs not capable of NES OD-SIB1 based on no SIB1 indication in MIB using FFS as described in clause X.Y.[OPPO] The yellow part is unclear, for a NES cell sending OD-SIB1, upon request by UE, whether it can be categorized as “a cell activating or going to activate NES OD-SIB1”? considering at this time point, the K\_SSB may be set to allow legacy UE camping. |  |
| OPPO003 | On-demand SSB transmissions facilitated through serving cell indications enable UEs to perform at least SCell time/frequency synchronization, L1/L3 measurements and SCell activation, and are supported for FR1 and FR2 in non-shared spectrum.[OPPO] Although it is from WID, but rigorously SCell activation include steps like t/f sync and L3 meas, so not a same level concept? |  |
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