**3GPP TSG-WG2 # 130 *R2-25xxxxx***

**St Julian, Malta, 19th – 23rd May 2025**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.331** | **CR** | **Draft CR** | **rev** | **-** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network | **x** | Core Network | **x** |

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| ***Title:*** | Draft 38.331 CR for NES UE capability | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation, Sanechips | | | | | | | | | |
| ***Source to TSG:*** | R2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Netw\_Energy\_NR\_enh-Core | | | | |  | ***Date:*** | | | 2025-04-28 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Introduction of Rel-19 paging adaption UE capability in 38.331. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Introduction of Rel-19 paging adaption UE capability in 38.331 based on the following agreements:  RAN2#129 Agreement：  A new UE capability is added for R19 NES paging enhancement, and the new capability is included in UE-RadioPagingInfo. FFS on whether we have a common capability for all NES features. | | | | | | | | |
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| ***Consequences if not approved:*** | | Rel-19 paging adaption UE capability is not captured in 38.331. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **x** |  | Other core specifications | | | | TS 38.300 draft CR  TS 38.304 draft CR  TS 38.306 draft CR  TS 38.321 draft CR | | |
| ***affected:*** | |  |  | Test specifications | | | |  | | |
| ***(show related CRs)*** | |  |  | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

Start of Change

6.3.3 UE capability information elements

– *UE-RadioPagingInfo*

The IE *UE-RadioPagingInfo* contains UE capability information needed for paging.

***UE-RadioPagingInfo* information element**

-- ASN1START

-- TAG-UE-RADIOPAGINGINFO-START

UE-RadioPagingInfo-r17 ::= SEQUENCE {

-- R1 29-1: Paging enhancement

pei-SubgroupingSupportBandList-r17 SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR OPTIONAL,

...,

[[

pagingAdaptation-r19 ENUMERATED {supported} OPTIONAL

]]

}

}

-- TAG-UE-RADIOPAGINGINFO-STOP

-- ASN1STOP

End of Change