**3GPP TSG-RAN WG3 Meeting #123R3-240462**

**0Athens, Greece, 26th Feb – 1st Mar, 2024**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **470**  | **CR** | 0130 | **rev** | **-** | **Current version:** |  |  |
|  |
| *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 |  | Radio Access Network | **x** | Core Network |  |

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|  |
| ***Title:***  | Correction on SON for NR-U |
|  |  |
| ***Source to WG:*** | Huawei, CMCC, Deutsche Telekom, Ericsson |
| ***Source to TSG:*** | R3 |
|  |  |
| ***Work item code:*** | NR\_ENDC\_SON\_MDT\_enh2-Core |  | ***Date:*** | 2024-02-16 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-18 |
|  | *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 canbe 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-16 (Release 16)Rel-17 (Release 17)**Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | The source node requesting the target node to report the DL LBT Failure Information during handover execution has been agreed.However, this functionality is still missing in F1. |
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| ***Summary of change:*** |  Add stage 2 for the new class 2 procedure: DU-CU Access and Mobility Indication. |
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| ***Consequences if not approved:*** | Stage 2 is missing for the DL LBT failure detection and optimisation. |
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| ***Clauses affected:*** | 6.1.10 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **x** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **x** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **x** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Start of changes\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

### 6.1.10 Self-optimisation support procedure

The following self-optimisation support procedures are used to transfer failure and mobility related information between the gNB-CU and the gNB-DU to enable self-optimisation:

- Access and Mobility Indication procedure, from gNB-CU to gNB-DU

- DU-CU Access and Mobility Indication procedure, from gNB-DU to gNB-CU

The following self-optimisation support procedure is used to indicate the availability of SON related information from the gNB-DU to the gNB-CU to enable self-optimisation.

- RACH Indication

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*End of changes\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/