**3GPP TSG-RAN2 Meeting #129R2-2501488**

**Athens, Greece, 17-21 February 2025**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.300** | **CR** | **XXXX** | **rev** | **-** | **Current version:** | **18.4.0** |  |
|  | | | | | | | | |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)*** *on using this form: comprehensive instructions can be found at  <http://www.3gpp.org/Change-Requests>.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** | Correction on 38.300 for MCSt | | | | | | | | | |
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| ***Source to WG:*** | ZTE Corporation, Sanechips, [Ericsson, ...] | | | | | | | | | |
| ***Source to TSG:*** | R2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_SL\_enh2-Core | | | | |  | ***Date:*** | | | 2025-02-18 |
|  |  | | | |  | |  | | |  |
| ***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 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:*** | | The relationship between MCSt and resource pool w/o PSFCH is not clear. | | | | | | | | |
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| ***Summary of change:*** | | Clarify the relationship between MCSt and resource pool w/o PSFCH.  **Impact analysis**  Impacted 5G architecture options:  NR SA  Impacted functionality  NR SL-U  Inter-operability:  If the UE implements the CR but not the network, there is no inter-operability issue.  If the network implements the CR but not the UE, there is no inter-operability issue.  If one UE implements the CR but not the other UE, there is no inter-operability issue. | | | | | | | | |
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| ***Consequences if not approved:*** | | The relationship between MCSt and resource pool w/o PSFCH is not clear. | | | | | | | | |
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| ***Clauses affected:*** | | 16.9.9.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 the change

#### 16.9.9.5 Resource Allocation

A UE using mode 2 resource allocation may support resource selection enhancements to avoid LBT blocking and increase COT resource utilization. If transmission in slot(s) before a reserved resource is able to share its initiated COT to the reservation, the UE may be (pre)configured to prioritize/select resource(s) in the slot(s) for transmission. To avoid blocking, a UE may avoid selection of a number of consecutive resources (up to UE implementation) before a reserved resource. Furthermore, a UE may avoid selection of a number of consecutive resources (up to UE implementation) after a reserved resource.

A UE using mode 2 resource allocation operating in a pool of resources without PSFCH configured supports resource selection for multiple consecutive slot transmission (MCSt) . Mode 2 resource allocation in a pool of resources with PSFCH configured can be used for Multi-TB MCSt with single slot candidate resources. A UE autonomously determines whether to use MCSt, and the number of consecutive slots in an MCSt up to the maximum COT duration for a specific SL-CAPC as defined in TS 37.213 [37]. MCSt can be used for transmission of a single TB or multiple TBs. For each TB transmitted in an MCSt, the UE triggers resource (re)selection only when LBT failure is detected on the resources for the initial transmission and all retransmissions of the TB.

End of the change