**3GPP TSG- Meeting #**

**, Japan, - 2024**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** |  | **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:***  |  |
|  |  |
| ***Source to WG:*** | , Ericsson, CMCC |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** |  |  | ***Date:*** |  |
|  |  |  |  |  |
| ***Category:*** |  |  | ***Release:*** |  |
|  | *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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
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| ***Reason for change:*** | RAN3 agreed on the following in RAN3#121-bis meeting:“Both of the following two options are adopted to support PTM configuration provision during RRC Release procedure in split gNB scenario:Option 1: CU retrieves the PTM configuration from DU via CU initiated Multicast context setup/modification procedure.Option 2: During active MBS multicast sessions, the DU always ensures that the CU is provided with the latest PTM configuration via a new DU initiated Multicast context modification procedure.”It is expected to capture above RAN3 understanding in stage 2 spec. |
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| ***Summary of change:*** | RAN3 understanding on F1AP interactions for multicast reception in RRC\_INACTIVE, in section 7.7.3.Impact Analysis:Impact assessment towards the previous version of the specification (same release):This CR has an isolated impact towards the previous version of the specification (same release). |
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| ***Consequences if not approved:*** | The interaction on F1AP is not clearly defined for the newly introduced multicast reception for UE in RRC\_INACTIVE state. |
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| ***Clauses affected:*** | 7.7.3 |
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|  | **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 ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

// change starts.

7.7.3 Support of Multicast reception for UEs in RRC\_INACTIVE

F1AP supports:

* enabling and disabling multicast reception for UEs in RRC\_INACTIVE state for a specific multicast MBS session on cell level.
* retrieval of PTM configuration information from the the gNB-DU by means of the gNB-CU triggered Multicast Context Modification procedure.
* keeping the gNB-CU updated during active multicast MBS sessions with the latest PTM configuration by means of the gNB-DU initiated Multicast Context Notification procedure.

The gNB-CU decides whether multicast reception in RRC\_INACTIVE state is applied.

// change ends.