**3GPP TSG-RAN WG1 Meeting #118** ***R1-24xxxxx***

**Maastricht, Netherlands, August 19th – 23rd, 2024**

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| *CR-Form-v12.3* |
| **Draft CHANGE REQUEST** |
|  |
|  | **38.212** | **CR** |  | **rev** |  | **Current version:** | **18.3.0** |  |
|  |
| *For* [***HELP***](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 |  |

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| ***Title:***  | Editorial corrections to TS 38.212 for Rel-18 Positioning |
|  |  |
| ***Source to WG:*** | Moderator (Intel Corporation) |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | NR\_pos\_enh2-Core |  | ***Date:*** | 2024-08-20 |
|  |  |  |  |  |
| ***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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)Rel-20 (Release 20)* |
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| ***Reason for change:*** | Clause 7.3.1.4.3:* The reference to the clause describing the parameter *sl-DCI-ToSL-Trans* is incorrect.
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| ***Summary of change:*** | Clause 7.3.1.4.3:* Replace the reference to the clause defining *sl-DCI-ToSL-Trans* from 8.2.4.1.1 to 8.1.2.1.
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| ***Consequences if not approved:*** | Specification is incomplete or incorrect. |
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| ***Clauses affected:*** | 7.3.1.4.3 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  |  |
| ***affected:*** |  | **X** |  Test specifications |  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications |  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

##### 7.3.1.4.3 Format 3\_2

DCI format 3\_2 is used for scheduling of NR SL PRS for a dedicated SL PRS resource pool in one cell.

The following information is transmitted by means of the DCI format 3\_2 with CRC scrambled by SL-PRS-RNTI or SL-PRS-CS-RNTI:

- Resource pool index -$\left⌈log\_{2}I\right⌉$ bits, where *I* is the total number of dedicated SL PRS resource pools for transmission configured by the higher layer parameter *sl-PRS-TxPoolScheduling*, if configured.

- Time gap - 3 bits determined by higher layer parameter *sl-DCI-ToSL-Trans,* as defined in clause 8.1.2.1 of [6, TS 38.214].

- First SL PRS indicator - $\left⌈log\_{2}N\_{SL-PRS}\right⌉$ bits indicating the SL PRS resource ID for the first SL PRS transmission, where the value $N\_{SL-PRS}$ is the total number of SL PRS resources within a slot in a dedicated SL PRS resource pool and provided by the higher layer parameter *sl-PRS-ResourcesDedicatedSL-PRS-RP*.

- SCI format 1-B fields according to clause 8.3.1.2:

- Time resource assignment

- Resource ID indication

- Configuration index – 0 bit if the UE is not configured to monitor DCI format 3\_2 with CRC scrambled by SL-PRS-CS-RNTI; otherwise 3 bitsas defined in clause 8.2.4.1 of [6, TS 38.214]. If the UE is configured to monitor DCI format 3\_2 with CRC scrambled by SL-PRS-CS-RNTI, this field is reserved for DCI format 3\_2 with CRC scrambled by SL-PRS-RNTI.

- Activation/release indication – 0 bit if the UE is not configured to monitor DCI format 3\_2 with CRC scrambled with SL-PRS-CS-RNTI; otherwise 1 bit, where value 0 indicates release and value 1 indicates activation. If the UE is configured to monitor DCI format 3\_2 with CRC scrambled with SL-PRS-CS-RNTI, this field is reserved for DCI format 3\_2 with CRC scrambled by SL-PRS-RNTI.

- Padding bits, if required.

If the total number of transmit resource pools provided in *sl-PRS-TxPoolScheduling*, if configured, is larger than one, zeros shall be appended to the DCI format 3\_2 until the payload size is equal to the size of a DCI format 3\_2 given by a configuration of the transmit resource pool resulting in the largest number of information bits for DCI format 3\_2.

If the UE is configured to monitor DCI format 3\_0 and/or DCI format 3\_1 and the number of information bits in DCI format 3\_2 is less than the larger payload size of DCI format 3\_0 if configured and DCI format 3\_1 if configured, zeros shall be appended to DCI format 3\_2 until the payload size equals the larger payload size of DCI format 3\_0 if configured and DCI format 3\_1 if configured.

**<Unchanged text omitted>**