**3GPP TSG-RAN WG1 Meeting #117** ***R1-24xxxxx***

**Fukuoka City, Fukuoka, Japan, May 20th – 24th, 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **Draft CHANGE REQUEST** | | | | | | | | |
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|  | **38.212** | **CR** |  | **rev** |  | **Current version:** | **18.2.0** |  |
|  | | | | | | | | |
| *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 | | | | | | | | | |
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| ***Source to WG:*** | Moderator (Intel Corporation) | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_pos\_enh2-Core | | | | |  | ***Date:*** | | | 2024-05-20 |
|  |  | | | |  | |  | | |  |
| ***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 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:*** | | 1. Align the higher layer parameter name with RAN2 specifications in Clause 7.3.1.4.3.  2. Editorial/formatting correction in Clause 8.3.1.2. | | | | | | | | |
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| ***Summary of change:*** | | 1. Replace *“sl-PrsResources-Dedicated-SL-PRS-RP* ”with *“sl-PRS-ResourcesDedicatedSL-PRS-RP*”in Clause 7.3.1.4.3. 2. Replace *“* - ” with *“*– ” in Clause 8.3.1.2. | | | | | | | | |
| ***Consequences if not approved:*** | | Specification is incomplete or incorrect. | | | | | | | | |
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| ***Clauses affected:*** | | 7.3.1.4.3, 8.3.1.2 | | | | | | | | |
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|  | | **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 - 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 8.2.4.1.1 of [6, TS 38.214]

- First SL PRS indicator - bits indicating the SL PRS resource ID for the first SL PRS transmission, where the value 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

**<Unchanged text omitted>**

#### 8.3.1.2 SCI format 1-B

**<Unchanged text omitted>**

- Resource ID indication –bits when the value of the higher layer parameter *sl-MaxNumPerReserveDedicatedSL-PRS-RP* is configured to 2; otherwise bits when the value of the higher layer parameter *sl-MaxNumPerReserveDedicatedSL-PRS-RP* is configured to 3. The value 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*.

- SL PRS request – 1 bit as defined in clause 8.4.4 of [6, TS 38.214] when the higher layer parameter *sl-SCI-basedSL-PRS-TxTriggerSCI1-B* is provided; 0 bit otherwise.

- Reserved – bits as configured by higher layer parameter *sl-NumReservedBitsSCI1B-DedicatedSL-PRS-RP*, with value set to zero.

**<Unchanged text omitted>**