**3GPP TSG-RAN WG1 Meeting #103-e *R1-200XXXX***

**E-meeting, October 26 – November 13, 2020**

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| *CR-Form-v12.0* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **38.212** | **CR** |  | **rev** | **-** | **Current version:** | **16.3.0** |  |
|  |
| *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 | **X** | Radio Access Network | **X** | Core Network |  |

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| ***Title:***  | Alignment CR for TS 38.212 |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | RAN1 |
|  |  |
| ***Work item code:*** | 5G\_V2X\_NRSL-Core |  | ***Date:*** | 2020-11-4 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | Align new agreements made in [103-e-NR-Rel-16-V2X-10] (see R1-2009470) and [103-e-NR-Rel-16-V2X-13] (see R1-2009471). |
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| ***Summary of change:*** | 1. For DCI format 3\_1, SL-L-CS-RNTI is replaced by Semi-Persistent Scheduling V-RNTI.
2. Corrections on references/descriptions of SCI format 1-A fields.
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| ***Consequences if not approved:*** | Misalignment of RNTI names between TS 38.321 and TS 38.212. Incorrect reference of SCI 1-A fields. |
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| ***Clauses affected:*** | 7.3.1.4.2, 8.3.1.1 |
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|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS 38.213 |
| ***affected:*** |  | **X** |  Test specifications |  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications |  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

<Unchanged parts are omitted>

7.3.1.4.2 Format 3\_1

DCI format 3\_1 is used for scheduling of LTE PSCCH and LTE PSSCH in one cell.

The following information is transmitted by means of the DCI format 3\_1 with CRC scrambled by SL Semi-Persistent Scheduling V-RNTI:

<Unchanged parts are omitted>

8.3.1.1 SCI format 1-A

SCI format 1-A is used for the scheduling of PSSCH and 2nd-stage-SCI on PSSCH

The following information is transmitted by means of the SCI format 1-A:

- Priority – 3 bits as specified in clause 5.4.3.3 of [12, TS 23.287] and clause 5.22.1.3.1 of [8, TS 38.321].

- Frequency resource assignment –$ \left⌈log\_{2}(\frac{N\_{ subChannel}^{ SL}\left(N\_{ subChannel}^{ SL} + 1\right)}{2})\right⌉$ bits when the value of the higher layer parameter *sl-MaxNumPerReserve* is configured to 2; otherwise $\left⌈log\_{2}(\frac{N\_{ subChannel}^{ SL}\left(N\_{ subChannel}^{ SL} + 1\right)\left(2N\_{ subChannel}^{ SL} + 1\right)}{6})\right⌉$ bits when the value of the higher layer parameter *sl-MaxNumPerReserve* is configured to 3, as defined in clause 8.1.5 of [6, TS 38.214].

- Time resource assignment – 5 bits when the value of the higher layer parameter *sl-MaxNumPerReserve* is configured to 2; otherwise 9 bits when the value of the higher layer parameter *sl-MaxNumPerReserve* is configured to 3, as defined in clause8.1.5 of [6, TS 38.214].

- Resource reservation period –$\left⌈log\_{2}N\_{rsv\\_period}\right⌉$ bits as defined in clause 16.4 of [5, TS 38.213], where $N\_{rsv\\_period}$ is the number of entries in the higher layer parameter *sl-ResourceReservePeriodList*, if higher layer parameter *sl-MultiReserveResource* is configured; 0 bit otherwise.

<Unchanged parts are omitted>