**3GPP TSG-<TSG/WG> Meeting # <MTG\_SEQ**>**<MTG\_TITLE> *<TDoc#>***

 **<Location>, <Country>, <Start\_Date> - <End\_Date>**

|  |
| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **<Spec#>** | **CR** | **<CR#>** | **rev** | **<Rev#>** | **Current version:** | **<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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  |  |
|  |  |
| ***Source to WG:*** | <Source\_if\_WG> |
| ***Source to TSG:*** | <Source\_if\_TSG> |
|  |  |
| ***Work item code:*** | <Related\_WIs> |  | ***Date:*** | <Res\_date> |
|  |  |  |  |  |
| ***Category:*** | **<Cat>** |  | ***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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** |  |
|  |  |
| ***Summary of change:*** |  |
|  |  |
| ***Consequences if not approved:*** |  |
|  |  |
| ***Clauses affected:*** |  |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  |  |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

*Start of Change*

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [1].

AP Aperiodic

BFR Beam Failure Recovery

BSR Buffer Status Report

BWP Bandwidth Part

CE Control Element

CG Cell Group

CI-RNTI Cancellation Indication RNTI

CSI Channel State Information

CSI-IM CSI Interference Measurement

CSI-RS CSI Reference Signal

CS-RNTI Configured Scheduling RNTI

DAPS Dual Active Protocol Stack

DCP DCI with CRC scrambled by PS-RNTI

DL-PRS DownLink-Positioning Reference Signal

IAB Integrated Access and Backhaul

INT-RNTI Interruption RNTI

LBT Listen Before Talk

LCG Logical Channel Group

LCP Logical Channel Prioritization

MCG Master Cell Group

MPE Maximum Permissible Exposure

NUL Normal Uplink

NZP CSI-RS Non-Zero Power CSI-RS

PDB Packet Delay Budget

PHR Power Headroom Report

PS-RNTI Power Saving RNTI

PTAG Primary Timing Advance Group

QCL Quasi-colocation

RS Reference Signal

SCG Secondary Cell Group

SFI-RNTI Slot Format Indication RNTI

SI System Information

SL-RNTI Sidelink RNTI

SLCS-RNTI Sidelink Configured Scheduling RNTI

SpCell Special Cell

SP Semi-Persistent

SP-CSI-RNTI Semi-Persistent CSI RNTI

SPS Semi-Persistent Scheduling

SR Scheduling Request

SS Synchronization Signals

SSB Synchronization Signal Block

STAG Secondary Timing Advance Group

SUL Supplementary Uplink

TAG Timing Advance Group

TCI Transmission Configuration Indicator

TPC-SRS-RNTI Transmit Power Control-Sounding Reference Signal-RNTI

TRIV Time Resource Indicator Value

UCI Uplink Control Information

V2X Vehicle-to-Everything

ZP CSI-RS Zero Power CSI-RS

*Next Change*

6.1.3.x1 Inter-UE Coordiantion Information MAC CE

The Inter-UE Coordination Information MAC CE is identified by a MAC subheader with LCID as specified in Table 6.2.4-1. It has a variable size with following fields:

- RT: This field indicates the resource set type, i.e., preferred resource set or non-preferred resource set, as the codepoint value of the SCI *resourceSetType* field as specified in TS 38.212 [9].

- RSL: This field indicates the locatation of reference slot , as the codepoint value of the SCI *referenceSlotLocation* field as specified in TS 38.212 [9]. The length of the field is 17 bits. If the length of *referenceSlotLocation* field in SCI as specified in TS 38.212 [9] is shorter than 17 bit, this field contains *referenceSlotLocation* field using the LSB bits;

- LSIi: This field indicates lowest subchannel indices for the first resource location of each TRIV, as the codepoint value of the SCI *lowestSubchannelIndice* field as specified in TS 38.212 [9]. LSI0 indicates lowes subchannel indices for the first resource location of TRIV within the first resource combination, LSI1 indicates lowes subchannel indices for the first resource location of TRIV within the second resource combination and so on. The length of the field is 5 bits. If the length of *lowestSubchannelIndice* field in SCI as specified in TS 38.212 [9] is shorter than 5 bit, this field contains *lowestSubchannelIndice* field using the LSB bits;

- RCi: This field indicates resource combination, as the codepoint value of the SCI *resourceCombination* field as specified in TS 38.212 [9]. RC0 indicates the first resource combination, RC1 indicates the second resource combination and so on. [The maximum number of included resource combination is 8.] The length of the field is 26 bits. If the length of *resourceCombination* field in SCI as specified in TS 38.212 [9] is shorter than 26 bit, this field contains *resourceCombination* field using the LSB bits;

- First resource locationi-1: This field indicates first resource location, as the codepoint value of the SCI *firstResourceLocation* field as specified in TS 38.212 [9]. First Resource Location0 indicates the first resource location for the second resource combination, First Resource Location1 indicates the the first resource location for the third resource combination and so on. The length of the field is 13 bits. If the length of *firstResourceLocation* field in SCI as specified in TS 38.212 [9] is shorter than 13 bit, this field contains *firstResourceLocation* field using the LSB bits;

- R: Reserved bit, set to 0.

 

**Figure 6.1.3.x1-1: Inter-UE Coordination Information MAC CE**

6.1.3.x2 Inter-UE Coordiantion Request MAC CE

The Inter-UE Coordination request MAC CE is identified by a MAC subheader with LCID as specified in Table 6.2.4-1. It has a variable size with following fields:

- RT: This field indicates the resource set type, i.e., preferred resource set or non-preferred resource set, as the codepoint value of the SCI *resourceSetType* field as specified in TS 38.212 [9].

- RP: This field indicates the resource reservation period , as the codepoint value of the SCI *resourceReservationPeriod* field as specified in TS 38.212 [9]. The length of the field is 4 bits. If the length of *resourceReservationPeriod* field in SCI as specified in TS 38.212 [9] is shorter than 4 bit, this field contains *resourceReservationPeriod* field using the LSB bits;

- Priority: This field indicates the priority , as the codepoint value of the SCI *priority* field as specified in TS 38.212 [9]. The length of the field is 3 bits;

- RSWL: This field indicates resource selection window location, as the codepoint value of the SCI *resourceSelectionWindowLocation* field as specified in TS 38.212 [9]. The length of the field is 34 bits. If the length of *resourceSelectionWindowLocation* field in SCI as specified in TS 38.212 [9] is shorter than 34 bit, this field contains *resourceSelectionWindowLocation* field using the LSB bits;

- Number of Subchannel: This field indicates the number of subchannels, as the codepoint value of the SCI *numberOfSubchannel* field as specified in TS 38.212 [9]. The length of the field is 5 bits. If the length of *numberOfSubchannel* field in SCI as specified in TS 38.212 [9] is shorter than 5 bit, this field contains *numberOfSubchannel* field using the LSB bits;

- R: Reserved bit, set to 0.

 

**Figure 6.1.3.x1-1: Inter-UE Coordination Request MAC CE**

*End of Change*