**3GPP TSG-RAN2 Meeting #115eR2-210**

**Electronic, 9th– 27th August, 2021**

**Source: Email discussion Rapporteur (Huawei, HiSilicon)**

**Title: Summary of [Post114-e][506][SData] Running MAC CR review issue list**

**Agenda item:** **8.6.1**

**Document for:** **Discussion and Decision**

This document contains the list of comments made during the review of the MAC CR for SDT in the email discussion [Post114-e][506][SData] Running MAC CR.

For the issue found in the draft CR under Please fill in the form according to the following:

* On the column of index, fill in an index with the company initial letter + discussion number + issue number by increasing order.
  + For example, for the discussion in Post114ePhaseI, for an issue from Huawei, HiSilicon, one can fill in “H (company initial letter) + 0 (discussion number for Post114e)+ 00 (Issue number)”=> H000
  + Please use 0 for Post114e-PhaseI
* On the column of brief description of the issue, as the name suggests, please give a description on the issue
* On the column of suggested change/company comment, please give the proposed change on the draft spec based on the description on the issue. Companies can also give comments on the proposed change in this column by adding a marking of [Company] in this column
* On the column of proposed way forward by rapporteur, please leave it empty at the time of email discussion. At the conclusion of the discussion, email discussion rapporteur would give a way forward according to the inputs from different companies on the issue.

On the section of “Any Other Clause”, if a certain issue is found under a Clause in the spec that has not been listed, please fill the issue in the form under this section.

Please edit the document in draft view (View -> Draft) to view the entire table.

# Post114e-Phase I

## 3.2 Definitions

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| # | Brief description of the issue | Suggested change/company comments | Proposed way forward by rapporteur |
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### 5.1.1 Random Access procedure initialization

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.1.1a Initialization of variables specific to Random Access type

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.1.2 Random Access Resource selection

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.1.2a Random Access Resource selection for 2-step RA type

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.1.3 Random Access Preamble transmission

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.1.3a MSGA transmission

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
| L000 | We don't understand why "or for Scheduling Request in Small Data Transmission in clause 5.x" is included. | [LG] Remove the sentence |  |
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### 5.1.4a MSGB reception and contention resolution for 2-step random access

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.1.5 Contention Resolution

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.1.6 Completion of the Random Access procedure

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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## 5.2 Maintenance of Uplink Time Alignment

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.3.1 DL Assignment reception

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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#### 5.3.2.1 HARQ Entity

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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5.3.2.2 HARQ process

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.4.1 UL Grant reception

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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#### 5.4.2.1 HARQ Entity

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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#### 5.4.2.2 HARQ process

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.4.4 Scheduling Request

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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### 5.8.2 Uplink

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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## 5.14 Handling of measurement gaps

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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## 5.15 Bandwidth Part (BWP) operation

### 5.15.1 Downlink and Uplink

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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## 5.16 SUL operation

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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## 5.x Small Data Transmission

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
| L001 | The selection of BWP configured for SDT should be considered on SDT procedure. This is because a separate BWP for SDT can be configured, and we think it is also possible to configure multiple separate BWPs for SDT. | [LG] BWP switching from initial BWP to separate BWP for SDT should be considered when SDT procedure is initiated. BWP switching amongst separate BWPs configured for SDT is also considered. |  |

## 5.x.1 Validation for Small Data Transmission using CG

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
| L002 | The expression "the time alignment value for SDT using CG type 1 to be valid " is not familiar. | [LG] The Text could be changed to  " The MAC entity shall consider CG-SDT resource is valid when the following conditions are fulfilled:" |  |
| L003 | TA timer should also be considered for validation for CG-SDT. | [LG] Add "1> cg-SDT-TimeAlignmentTimer is configured and running;" |  |

### 6.1.5a MAC PDU (MSGB)

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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## Any Other Clause

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| # | Brief description of the issue | Suggested resolution/company comments | Proposed way forward by rapporteur |
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