3GPP TSG-RAN WG1 Meeting #107-e Draft R1-2112504

e-Meeting, 11th – 19th November 2021

Agenda Item: 8.6

Title: FL summary on RAN1 RRC parameter list for Rel-17 NR RedCap

Source: Moderator (Ericsson)

Document for: Discussion, Decision

# 1 Introduction

This feature lead (FL) summary (FLS) concerns the following email discussion for the Rel-17 work item (WI) for support of reduced capability (RedCap) NR devices [1].

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| [107-e-R17-RRC-REDCAP] Email discussion on Rel-17 RRC parameters for REDCAP – Johan (Ericsson)   * Email discussion to start on November 15 |

RAN1 agreements for this WI are summarized in [2]. The FLS for the RAN1#106bis-e discussion on the RRC parameter list can be found in [3] and the resulting draft RRC parameter list is available in [4] and [5]. For recommendations on RRC parameter list preparation, see [6]. The issues that are in the focus of this round of the discussion in this meeting are tagged FL1.

Follow the naming convention in this example:

* *RedCapParamFLS-v000.docx*
* *RedCapParamFLS-v001-CompanyA.docx*
* *RedCapParamFLS-v002-CompanyA-CompanyB.docx*
* *RedCapParamFLS-v003-CompanyB-CompanyC.docx*

If needed, you may “lock” a spreadsheet file for 30 minutes by creating a checkout file, as in this example:

* Assume CompanyC wants to update *RedCapParamFLS-v002-CompanyA-CompanyB.docx*.
* CompanyC uploads an empty file named *RedCapParamFLS-v003-CompanyB-CompanyC.checkout*
* CompanyC checks that no one else has created a checkout file simultaneously, and if there is a collision, CompanyC tries to coordinate with the company who made the other checkout (see, e.g., contact list below).
* CompanyC then has 30 minutes to upload *RedCapParamFLS-v003-CompanyB-CompanyC.docx*
* If no update is uploaded in 30 minutes, other companies can ignore the checkout file.
* Note that the file timestamps on the server are in UTC time.

In file names, please use the hyphen character (not the underline character) and include ‘v’ in front of the version number, as in the examples above and in line with the general recommendation (see slide 10 in [R1-2110752](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_107-e/Docs/R1-2110752.zip)), otherwise the sorting of the files will be messed up (which can only be fixed by the RAN1 secretary).

To avoid excessive email load on the RAN1 email reflector, please note that there is NO need to send an info email to the reflector just to inform that you have uploaded a new version of this document. Companies are invited to enter the contact info in the table below.

**FL1 Question 1-1: Please consider entering contact info below for the points of contact for this email discussion.**

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| **Company** | **Point of contact** | **Email address** |
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# References

1. [RP-211574](https://www.3gpp.org/ftp/TSG_RAN/TSG_RAN/TSGR_92e/Docs/RP-211574.zip), “Revised WID on support of reduced capability NR devices”, Ericsson

1. [R1-2110669](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_106b-e/Docs/R1-2110669.zip), “RAN1 agreements for Rel-17 NR RedCap”, Rapporteur (Ericsson)

1. [R1-2110383](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_106b-e/Docs/R1-2110383.zip), “FL summary on RAN1 RRC parameter list for Rel-17 NR RedCap”, Moderator (Ericsson)

1. [R1-2110384](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_106b-e/Docs/R1-2110384.zip), “Draft RAN1 RRC parameter list for Rel-17 NR RedCap”, Moderator (Ericsson)

1. [R1-2110680](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_106b-e/Docs/R1-2110680.zip), “Collection of higher layers parameter list for Rel-17 LTE and NR”, Moderator (Ericsson)

1. [R1-2111193](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_107-e/Docs/R1-2111193.zip), “Recommendations for RAN1 RRC Parameter Preparation”, Moderator (Ericsson)

# 2 PRACH configuration

**FL1 Question 2-1a: Companies are invited to comment on PRACH configuration parameters in** [***RedCapParamList-v000***](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_107-e/Inbox/drafts/8.6/ParamList/RedCapParamList-v000.xlsx)**.**

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| **Company** | **Comments** |
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# 3 Initial DL BWP configuration

**FL1 Question 3-1a: Companies are invited to comment on initial DL BWP configuration parameters in** [***RedCapParamList-v000***](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_107-e/Inbox/drafts/8.6/ParamList/RedCapParamList-v000.xlsx)**.**

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| **Company** | **Comments** |
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# 4 Initial UL BWP configuration

**FL1 Question 4-1a: Companies are invited to comment on initial UL BWP configuration parameters in** [***RedCapParamList-v000***](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_107-e/Inbox/drafts/8.6/ParamList/RedCapParamList-v000.xlsx)**.**

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| **Company** | **Comments** |
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# 5 PUCCH configuration

**FL1 Question 5-1a: Companies are invited to comment on PUCCH configuration parameters in** [***RedCapParamList-v000***](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_107-e/Inbox/drafts/8.6/ParamList/RedCapParamList-v000.xlsx)**.**

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| **Company** | **Comments** |
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# 6 CQI/MCS table configuration

**FL1 Question 6-1a: Companies are invited to comment on CQI/MCS table configuration parameters in** [***RedCapParamList-v000***](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_107-e/Inbox/drafts/8.6/ParamList/RedCapParamList-v000.xlsx)**.**

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| **Company** | **Comments** |
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# 7 Other comments

**FL1 Question 7-1a: Companies are invited to provide any other comments they might have on RRC parameters for RedCap.**

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| **Company** | **Comments** |
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