3GPP TSG-RAN Meeting #92-eRP-21xxxx

Electronic Meeting, 14-18 June 2021

Agenda Item: 9.7.1.7

Source: Email discussion moderator (Intel)

Title: Report from Email Discussion [92-e-14-RedCap-WI]

Document for: Discussion and decision

# 1 Introduction

This document reports on the following email discussion during RAN#92-e:

**[92-e-14-RedCap-WI]**

Input contributions covered: RP-211038, RP-211070, RP-211153, RP-211219, RP-211360--> RP-211492

## 2 Proposed WID revisions

RP-211038 is a WID revision from the rapporteur. RP-211153, RP-211219 are discussion documents from Vivo and Nokia respectively that also propose updates to the wording of the objectives. In summary, the following WID updates are proposed:

1. RRM measurement relaxation updated to reflect recent RAN2 agreements (proposed by all 3 documents)
2. Update to the objective on early indication to reflect that indication in both Msg1 and Msg3 will be specified (proposed by RP-211219)
3. Update to the objective on camping restrictions to add "frequencies/PLMN" (proposed by RP-211219)
4. Update to the objective on eDRX to state that CN configures eDRX for Idle and RAN configures eDRX for RRC\_Inactive (proposed by RP-211219)

### 2.1 Initial Round

In the initial round of discussion companies are invited to provide feedback on each of the 4 proposed updates to the objectives. The initial focus should be on the necessity of the updates and the detailed wording can be refined in later stages of discussion.

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| **1/ Companies are invited to provide any comments related to the updates to RRM measurement relaxation objective:** | |
| **Company** | **Comments** |
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| **2/ Companies are invited to provide any comments related to the updates to the objective on early indication:** | |
| **Company** | **Comments** |
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| **3/ Companies are invited to provide any comments related to the update to the objective on camping restrictions to add "frequencies/PLMN":** | |
| **Company** | **Comments** |
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| **4/ Companies are invited to provide any comments related to the update to the objective on eDRX:** | |
| **Company** | **Comments** |
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## 3 RP-211360

RP-211070 discusses some of the WG discussions on RedCap and makes the following proposals:

* **Proposal 1**: WGs shall follow the approved WID and the related compromised discussion together with the approved WID. If necessary, it is recommended that all companies or Rapporteurs or Feature leaders should track the RAN discussion procedure and the implied meanings of WID to avoid unnecessary discussion in WGs.
* **Proposal 2**: If deemed necessary, a joint GTW or joint email discussion can be considered among different WGs in future to assist the standardization of R17 RedCap.

### 3.1 Initial Round

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| **Companies are invited to provide any comments related to the proposals in RP-211070** | |
| **Company** | **Comments** |
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## 4 RP-211492 (revision of RP-211070) - Early indication of number of Rx branches

RP-211492 (revision of RP-211070) discusses the need for early indication of number of Rx branches and makes the following proposals:

* **Proposal 1**: include the information on the number of Rx branches supported by a RedCap UE within the early indication during the initial access
* **Proposal 1b**: if Proposal 1 is agreed, RAN to send a LS to RAN1 and RAN2 to take the agreement into account for their normative work
* **Proposal 2**: if Proposal 1 is not agreed, RAN to task RAN1 to identify pros and cons of having the information on the number of Rx branches supported by a RedCap UE within the early indication during the initial access for the purpose of RACH procedure efficiency; RAN1 will then liaise with RAN2 so that RAN2 agreement from RAN2#104-e meeting can be revisited accordingly (if needed)

### 4.1 Initial Round

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| **Companies are invited to provide any comments related to the proposals in RP-211492** | |
| **Company** | **Comments** |
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## Annex: Contacts

Please provide a company contact that the email discussion moderator can contact if required.

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| **Company** | **Contact name and email** |
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