**3GPP TSG-RAN WG1 Meeting #114 R1-23xxxxx**

**Toulouse, France, 21-25 August, 2023**

**Agenda Item: 9.17**

**Source: Moderator (Huawei)**

**Title: Summary of email discussion [Post114-38.212-NR\_Mob\_enh2-Core]**

**Document for: Discussion and Decision**

# Introduction

This document summarizes the discussions on the 38.212 draft CR on NR mobility, and aims to stabilize the 38.212 draft CR.

[Post114-38.212-NR\_Mob\_enh2-Core] Email discussion on Rel-18 draft CRs by September 7 – Editors

# First round discussions

This section summarize the first round email discussions on draft CR v00. Companies are encouraged to provide the first round views by 09/05 (Tuesday), 6:00am UTC, then we can update the draft CR accordingly for the next step discussions.

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| --- | --- |
| *Company* | *View* |
| Editor | The changes are marked with author “Yan Cheng\_post RAN1#114” on top of the version R1-2306317 endorsed in RAN1#113, which are to reflect the agreements from RAN1#114. |
| vivo | To avoid ambiguities, following TPs are provided for the section 7.3.1.2.1:* The field of “PRACH retransmission indicator” is reserved if the cell indicated by Cell indicator field is a serving cell but not a candidate cell. However, there is no description about how to determine the cell indicated by Cell indicator field is a serving cell but not a candidate cell in the current version. To address this issue, following contents should be introduced to the description of Cell indicator.
	+ Cell indicator – bits indicating the cell for the corresponding PRACH transmission if the UE is configured with higher layer parameter EarlyUlSyncConfig, where C is the number of candidate cells configured with higher layer parameter EarlyUlSyncConfig; If the value of this field is 0, the cell indicated by Cell indicator field is not a candidate cell but a serving cell which transmits the PDCCH order;
	+ 0 bit if the UE is not configured with higher layer parameter EarlyUlSyncConfig.
* For the part of PRACH retransmission indicator, there is ambiguity about the corresponding criteria to the “otherwise”. To solve it, some modification is provided below:
	+ PRACH retransmission indicator – 0 or 1 bit
		- if the UE is configured with higher layer parameter EarlyUlSyncConfig,
			* 1bit indicating initial transmission or retransmission of PRACH according to Table 7.3.1.2.1-3, if the cell indicated by Cell indicator field is a candidate cell; this bit is reserved if the cell indicated by Cell indicator field is a serving cell but not a candidate cell;
		- 0 bit otherwise.
* For the part of reserved bit, “bits” is missed after the “” in the third sub-bullet.
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# Second round discussions

TBD