**3GPP TSG-RAN WG1 Meeting #110R1-22XXXXX**

Toulouse, France, Aug. 22nd – 26th, 2022

**Agenda item: 8.3**

**Source: Moderator (Nokia)**

**Title: Moderator summary #X on RRC parameter corrections for NR Rel-17 URLLC/IIoT**

**Document for: Discussion and Decision**

# Introduction

As per chairman’s guidance, the email discussion is planned according to the following schedule:

[110-R17-IIoT\_URLLC] To be used for sharing updates on online/offline schedule, details on what is to be discussed in online/offline sessions, tdoc number of the moderator summary for online session, etc – Klaus (Nokia)

**This document is for the handling or RRC parameter corrections / alignment across all Rel-17 URLLC & IIoT features and enhancements in the affected RAN1 specifications**

# Discussions

* 1. Companies’ inputs
* Nokia provided draft CRs on 38.212, 38.213, 38.214 and 37.213 for all new RRC parameters defined in the Rel-17 WI (across all the features)
	+ 38.212 in [R1-2206147](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206147.zip)
	+ 38.213 in [R1-2206148](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206148.zip)
	+ 38.214 in [R1-2206149](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206149.zip)
	+ 37.213 in [R1-2206228](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206228.zip)
* In addition, ETRI identified a needed RRC parameter change for the dynamic repetition indication of the Cov. Enh. WI to the SPS HARQ-ACK deferral in 38.213 in Sec. 2.2 of [R1-2206948](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206948.zip)
* In addition, HW / HiSi identified tpc-index for PUCCH-sSCell needed corrections in 38.213 in [R1-2207661](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2207661.zip)
	1. Initial (pre-meeting) moderator assessment & suggested handling during RAN1#110

**The identified RRC parameter changes in the documents listed above are valid and would need to be corrected (to be treated during RAN1#110).**

**Moderator suggested handling:**

* **For 38.212,** use the Nokia draft CR in [R1-2206147](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206147.zip) – change the sourcing companies to Moderator (Nokia), Nokia Shanghai Bell
* **For 38.213, combine the identified changes by NOK, HW & ETIR** making the following changes to Nokia draft CR in [R1-2206148](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206148.zip)
	+ Include the changes identified by HW / HiSi in [R1-2207661](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2207661.zip)
	+ Include the identified changes of ETRI in Sec. 2.2. of [R1-2206948](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206948.zip) to Sec. 9.2.5 (SPS deferral) but do not include the change to 9.2.6 (as this is not related to the R17 URLLC /IIoT WI)
	+ Change sourcing companies to Moderator (Nokia), Nokia Shanghai Bell, Huawei, HiSilicon, ETRI
	+ **Note:**
		- Suggested procedure & co-sourcing confirmed offline by HW/HiSi & ETRI already
		- Related combined draft CR can be found in the draft CR folder here as v000: [Directory Listing /ftp/tsg\_ran/WG1\_RL1/TSGR1\_110/Inbox/drafts/8.3(NR\_IIOT\_URLLC\_enh)/Overall WI/Draft CRs (3gpp.org)](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_110/Inbox/drafts/8.3%28NR_IIOT_URLLC_enh%29/Overall%20WI/Draft%20CRs)
* **For 38.214,** use the Nokia draft CR in [R1-2206149](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206149.zip) – change the sourcing companies to Moderator (Nokia), Nokia Shanghai Bell
* **For 37.213,** use the Nokia draft CR 37.213 in [R1-2206228](https://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_110/Docs/R1-2206228.zip) – change the sourcing companies to Moderator (Nokia), Nokia Shanghai Bell
	1. Initial input by companies till Mon, 15.00 CET

**Question: Do you support treating the above during RAN1#110?**

|  |  |
| --- | --- |
| Yes - support:  |  |
| No - not support:  |  |

**Question: Do you support the suggested moderator handling?**

|  |  |
| --- | --- |
| Yes - support:  |  |
| No - not support:  |  |

**Comments on the moderator comments / suggested handling or any other comments to the draft CRs:**

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| --- | --- |
| *Company* | *Comments*  |
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# 3 Outcome

TBA