**3GPP TSG RAN WG1 #104-e R1-210XXXX**

**e-Meeting, January 25th – February 5th, 2021**

**Agenda item:** 7.1

**Source:** Moderator (CATT)

**Title:** Summary of [104-e-NR-7.1CRs-08] Correction on UCI multiplexing with PUCCH overriding

**Document for:** Discussion and Decision

# Introduction

This document is created to facilitate the email discussion of “[104-e-NR-7.1CRs-08] Correction on UCI multiplexing with PUCCH overriding”. This email thread is triggered by draft CR in [1]. The draft CR discussed two issues and companies are invited to provide views in section 2.

**Issue 1:**

If a PUCCH resource for HARQ-ACK overlaps with another PUCCH/PUSCH without associated DCI (e.g. PUCCH resource for CSI/SR, PUSCH for SP-CSI transmission or CG PUSCH), the PUCCH resource for HARQ-ACK may be overridden to a PUCCH resource which **does not** overlap with the PUCCH/PUSCH without associated DCI after UE determines to multiplex CSI/SR or CG PUSCH with HARQ-ACK. The UE behavior is not clear in this case. Detailed examples are provided in the cover page.

**Issue 2:**

PUCCH overriding timeline was defined to ensure that UE has enough time to know whether a PUCCH resource for HARQ-ACK is overridden, but the timeline does not include the case when the overridden PUCCH resource is for SPS HARQ-ACK.

# Company views

**Q1: Do you agree with issue 1 as introduced in section 1? If not, why?**

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| **Company** | **Agree or not** | **Comment** |
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**Q2: Do you agree with the text proposal for TS 38.213 clause 9 in the draft CR [1]? If not, why?**

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| **Company** | **Agree or not** | **Comment** |
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**Q3: Do you agree with issue 2 as introduced in section 1? If not, why?**

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| **Company** | **Agree or not** | **Comment** |
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**Q4: Do you agree with the text proposal for TS 38.213 clause 9.2.3 in the draft CR [1]? If not, why?**

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| **Company** | **Agree or not** | **Comment** |
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# Conclusion

To be added after the discussion.

# Reference

1. [R1-2100326](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104-e/Docs/R1-2100326.zip) Correction on UCI multiplexing with PUCCH overriding CATT