**3GPP TSG RAN WG1 #106-e R1- 210xxxxx**

**e-Meeting, August 16th – 27th, 2021**

**Source: Moderator (Ericsson)**

**Title: Summary of [106-e-NR-5G\_V2X-08] Discussion on R1-2108141: [Draft]** **Correction on procedure for transmitting the physical sidelink shared channel**

**Agenda Item: 7.2.4**

**Document for: Discussion and Decision**

# Introduction

This document provides a summary of the discussion on a draft CR [1] regarding corrections on the procedure for transmitting the physical sidelink shared channel and collects the companies’ views on whether the draft CR should be included in the specification.

The discussion for this CR can be found in the following email thread:

[106-e-NR-5G\_V2X-08] Discussion on R1-2108141: [Draft] Correction on procedure for transmitting the physical sidelink shared channel by August 18 - Jose (Ericsson)

# Summary of the discussion on R1-2108141

The following CR is proposed in [1] to correct the procedure for transmitting the physical shared channel in order to add a missing field in the definition of SCI format 2-A and SCI format 2-B. Without the following correction/addition, the definition of SCI format 2-A and 2-B is not correctly implemented in the specifications. The proposed text change is the following:

## 8.1 UE procedure for transmitting the physical sidelink shared channel

The UE shall set the contents of the SCI format 2-A as follows:

- the UE shall set value of the *'HARQ process number'* field as indicated by higher layers.

- the UE shall set value of the '*NDI*' field as indicated by higher layers.

- the UE shall set value of the ' *Redundancy version* ' field as indicated by higher layers.

- the UE shall set value of the '*Source ID*' field as indicated by higher layers.

- the UE shall set value of the '*Destination ID*' field as indicated by higher layers.

- the UE shall set value of the '*HARQ feedback enabled/disabled indicator*' field as indicated by higher layers.

- the UE shall set value of the '*Cast type indicator*' field as indicated by higher layers.

- the UE shall set value of the '*CSI request*' field as indicated by higher layers.

The UE shall set the contents of the SCI formats 2-B as follows:

- the UE shall set value of the '*HARQ process number*' field as indicated by higher layers.

- the UE shall set value of the '*NDI*' field as indicated by higher layers.

- the UE shall set value of the ' *Redundancy version* ' field as indicated by higher layers.

- the UE shall set value of the '*Source ID*' field as indicated by higher layers.

- the UE shall set value of the '*Destination ID*' field as indicated by higher layers.

- the UE shall set value of the '*HARQ feedback enabled/disabled indicator*' field as indicated by higher layers.

- the UE shall set value of the '*Zone ID*' field as indicated by higher layers.

- the UE shall set the '*Communication range requirement*' field as indicated by higher layers.

**<Unchanged parts omitted>**

## Company views

**Q1: Do you agree with the issue identified in R1-2108141?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Reply (Yes/No)** | **Comments** |
| Intel | Yes |  |
| NTT DOCOMO | Yes |  |
| vivo | Yes |  |
| ZTE, Sanechips | Yes |  |
| Qualcomm | Yes |  |
| Apple | Yes |  |
| Nokia, NSB | Yes |  |
| Samsung | Yes |  |
| Sharp | Yes |  |

**Q2: Do you agree to adopt the text proposal from R1-2108141 (also captured in Section 2)?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Reply (Yes/No)** | **Comments** |
| Intel | Yes |  |
| NTT DOCOMO | Yes |  |
| vivo | Yes |  |
| ZTE, Sanechips | Yes |  |
| Qualcomm | Yes |  |
| Apple | Yes |  |
| Nokia, NSB | Yes, with comment | Minor niggle: The blank space just inside the single quotes should be removed, 'Redundancy version' instead of ' Redundancy version ' |
| Samsung | Yes |  |
| Sharp | Yes |  |

# References

1. R1-2108141 [Draft] Correction on procedure for transmitting the physical sidelink shared channel,” Ericsson, RAN1 #106-e.