**3GPP TSG-RAN WG2 Meeting #124 R2-2311863**

**Chicago, USA, Nov. 13th – 17th, 2023**

**Agenda Item:** **7.2.1**

**Source: vivo**

**Title:** **Report of comments on the 38.300 CR for SL positioning**

**Document for:** **Discussion and Decision**

# Introduction

This paper is the report of the following email discussion:

* **[Post124][412][POS] Rel-18 positioning 38.300 CR (vivo)**

 Scope: Finalise and check the Rel-18 positioning 38.300 CR.

 Intended outcome: Agreed CR

 Deadline: Short (for RP)

This contribution intends to collect the comments on the 38.300 CR for SL positioning.

Deadline for companies to provide comments: Nov 29 10:00 UTC

# Discussion

Please provide your comments on the CR.

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| --- | --- | --- | --- |
| Company | Excerpted spec with issues | Comments/ Suggestions | Rapporteur comments |
| Huawei, HiSilicon | 3.1 Abbreviations | Abbreviations for the new RNTIs should be added in this section | The feature-related RNTIs are not all captured in Section 3.1. |
| Huawei, HiSilicon | - SL-PRS-CS-RNTI: unique UE identification used for configured grant for SL-PRS transmission. | Better to be “xxx used for CG type2 activation/deactivation on dedicated resource pool” | OK. Captured in CR. |
| Huawei, HiSilicon | 5.7.2 Sidelink resource allocation modes | Resource alllcation schemes should be added | Two sidelink resource allocation modes are supported: mode 1 and mode 2. In mode 1, the sidelink resource allocation is provided by the network. In mode 2, UE decides the SL transmission resources in the resource pool(s).Already reflect in the above existing description. Besides, the detailed resource allocation schemes has been captured in 38.305. |
| Huawei, HiSilicon | 5.7.3 Physical sidelink channels and signals | SL-PRS should be added | Already captured in Section 5.7.x with description of SL-PRS and measurements. |
| Huawei, HiSilicon | 16.9 SidelinkIntroduction of the feature of SL positioning can also be mentioned in this section, for example in 16.9.1. mention about ranging/sidelink positioning in TS 23.586 and 38.305 | In this clause, an overview of NR sidelink communication and how NG-RAN supports NR sidelink communication and V2X sidelink communication is given. V2X sidelink communication is specified in TS 36.300 [2]. | OK. Added. |
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# Conclusion

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