**3GPP TSG RAN WG2 Meeting #131bis R2-250xxxx  
Prague, Czech Republic, 13th – 17th October 2025**

**Agenda item: 8.4.1**

**Source: Huawei, HiSilicon (Rapporteur)**

**Title: Open issues on Rel-19 LPWUS 38.306 CR**

**WID/SID: NR\_LPWUS-Core – Release 19**

**Document for: Discussion and Decision**

# 1 Introduction

Based on the guidelines from the chair, this document is to **collect open issues on Rel-19 LPWUS 38.306 CR (R2-2505670)**.

* [Post131][215][LPWUS] Draft CR for UE capability (Huawei)

Intended outcome: Endorse the draft CR for TS 38.306

Deadline: Sept. 4th

1. Initial list of open issues by rapporteur, proposed resolutions for easy open issues or resolution options for other issues: sept. 19th

2. Input from other companies and final set of proposals and resolutions for identified issues that don’t require contribution input: Oct. 1st

NOTE: no contributions from other companies expected

Companies are invited to provide input no later than **Friday September 26 18:00 UTC**.

## Contact information:

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# 2 Discussion

Rapporteur identified one open issue. Companies are invited to describe any identified open issues in the table below.

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| --- | --- | --- |
| **Company+issue #** | **Description of open issues and potential resolution** | **Rapporteur comment** |
| HW-001 | The UE capabilities for IDLE/INACTIVE LP-WUS are included in Rel-19 paging container (i.e., UE-RadioPagingInfo-r19) using OCTET STRING, as captured in UE capability mega CR. It is the understanding that gNB is not required to decode the content of Rel-19 paging container. However, to assign proper dedicated *cellReselectionPriorities* for LP-WUS to the UE by RRC release message, the gNB needs to know whether the UE supports IDLE/INACTIVE LP-WUS and at least which band(s) is/are supported by the UE for IDLE/INACTIVE LP-WUS.  **Potential resolution:** The UE capabilities for LP-WUS operation in IDLE/INACTIVE should also be added outside the Rel-19 paging container in UE capability information message. For the contents, there are following two options:  - Option 1: only indicating the supported band list for LP-WUS regardless of the receiver type and other capabilities;  - Option 2: indicating the supported band list for LP-WUS and the receiver type.  Option 2 is better and suggested to avoid the case that the UE supporting only OOK-based LP-WUS is redirected to a cell with only OFDM-based receiver configured. |  |
| Eri-001 | @HW-001: this should perhaps be discussed in the main session, because this is an issue for the paging capabilities in general? Also not sure if this topic should go for “easy agreements”, i.e. it would require online discussion? | As the main session already agreed, we can discuss the issue in LP-WUS session.  Created open issue LPWUS-Cap-OI-1 |
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# 3 Conclusion

In this contribution, we collect open issues of Rel-19 LPWUS 38.306 CR. Based on above discussion, following open issues are identified:

**LPWUS-Cap-OI-1**: Discuss inclusion of UE capabilities for LP-WUS operation in IDLE/INACTIVE outside the Rel-19 paging container in UE capability information message.