3GPP TSG-RAN WG2 Meeting #131bis R2-250xxxx

Prague, Czech Republic, 13th – 17th October, 2025

**Agenda item: 8.1.1**

**Source: Huawei, HiSilicon**

**Title: TS 37320 Open Issues on AI for Air Interface Feature**

**Document for: Discussion and Decision**

# Introduction

The following email discussion is re-triggered to collect open issues on AI for Air Interface Feature TS 37.320 CR:

 [POST131][023][AI PHY] 37.320 (Huawei)

      Intended outcome: Agree to final CR

      Deadline:  Sept. 24th, 10:00 UTC

Companies are invited to provide feedback on open issue list by: **Sept. 24th 00:00 UTC**.

# Open issues

Companies are invited to describe any identified open issues based on latest TS 37320 CR [1].

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| --- | --- | --- | --- |
| **Issue-num (Company)** | **Identified open issues** | **Suggested change** | **Rapp comment** |
| Issue-01 (Huawei) | The description of issue xxx | This change xxx | Agree, ,,, |
| Issue-01 (Nokia) | Terminology alignment issue in Clause 5.4.1.x for CSI-RS IDs, SSB IDs. Excerpt from R2-2506586  *⁻ Logged L1 radio measurement results: include the beam identifiers associated to CSI-RS resources or SSBs (CSI-RS IDs or SSB IDs) and the corresponding measured L1-RSRPs.*  Other instances of CSI-RS and SSB in the TS 37.320 are using ‘index’ instead of ‘ID’.  Editorial: ‘association to’ to be replaced with ‘association with’ | Proposed change  *⁻ Logged L1 radio measurement results: include the beam identifiers associated with CSI-RS resources or SSBs (CSI-RS indexes or SSB indexes) and the corresponding measured L1-RSRPs.* |  |
| Issue-02 (Nokia) | The procedure of handling network-side data collection UE capabilities should be added in MDT relevant UE capabilities within Clause 5.1.4 | Propose to add in Clause 5.1.4   * *The NR UE may indicate a capability bit for support of logging UE radio measurements for network-side data collection in RRC connected state.* |  |
| Issue-03 (Nokia) | Update of the text is needed in General principles that define MDT mode in Clause 4.1  1. MDT mode  There are two modes for the MDT measurements: Logged MDT and Immediate MDT. There are also cases of measurement collection not specified as either immediate or logged MDT, such as Accessibility measurements. | Propose to extend as:  1. MDT mode  There are two modes for the MDT measurements: Logged MDT and Immediate MDT. There are also cases of measurement collection not specified as either immediate or logged MDT, such as Accessibility measurements. Additionally, the measurement collection is specified as immediate MDT with logging of UE radio measurements to support network-side data collection. |  |
| Issue-04 (Nokia) | Alignment of the text in Clause 5.4.1.x:  The text below needs to be aligned with Issue-03 mentioned above and stage 3 text -- specified in Clause 5.3.5.5.7 or Clause 5.3.5.5.9 in TS 38.331 (“perform logging of measurements for network-side data collection as specified in 5.5x”). Otherwise, it is not clear that extension to Immediate MDT between UE and NGRAN covers the logging of the data for nw-side data collection. It is impossible to differentiate from clause 5.1.2.1 (which is pure Immediate MDT)   ‘For beam prediction, the management based immediate MDT can be used for data collection.’ | Proposed change in 5.4.1.x  For beam prediction, the management based immediate MDT with logging of UE radio measurements can be used for data collection. |  |
| Issue – 05 (Nokia) | Align the following text in Clause 5.4.1. x with Stage 3 wording by adding the reference to it.  - Presence of a gap that is longer than the configured logging periodicity in the logged measurements. | Proposed change:  - Presence of a gap that is longer than the configured logging periodicity in the logged measurements as defined in TS 38.331 [15]. |  |

Summary:

# Conclusion

In this contribution, we have the following proposals/open issue list:

# Reference

1. R2-2506586, Introduction of AI for Air interface feature in TS 37.320, Huawei, HiSilicon, Ericsson, Nokia, RAN2#131