3GPP TSG-RAN WG2 Meeting #111-e R2-200xxxx

E-meeting, 17 August - 28 August 2020

Agenda Item: 6.2.1

Source: Qualcomm Incorporated (Rapporteur)

**Title:** **[AT111-e][026][IAB] Stage-2**

Document for: Approval

# Introduction

This paper handles:

* [AT111-e][026][IAB] Stage-2 Corrections (Qualcomm)

 Scope: Treat R2-2006504, 8363, 6963, 7315, 7374, 7509, 7539, 7545, 7536, 7535, 7965. Determine agreeable parts in a first phase, Agree CRs in a second phase

 Deadline: Aug 27 0900 UTC

This includes the following contributions:

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| --- | --- | --- |
| R2-2006504 | LS on IAB updates to 38.300 (R1-2004872; contact: Qualcomm) | RAN1 |
| R2-2006963 | Correction to 38300 for IAB | Qualcomm Incorporated |
| R2-2007315 | Miscellaneous Corrections on IAB in 38.300 | ZTE, Sanechips |
| R2-2007374 | CR to 38.300 on BH RLC channel | ZTE, Sanechips |
| R2-2007509 | IAB-MT capability signalling clarification | Nokia, Nokia Shanghai Bell |
| R2-2007535 | Corrections to cell selection for IAB in NSA | Samsung Electronics Romania |
| R2-2007536 | Correction to cell selection for IAB SA | Samsung Electronics Romania |
| R2-2007539 | Corrections to capability signaling for IAB-MT | Samsung Electronics Romania |
| R2-2007545 | Corrections to BH RLF in IAB | Samsung Electronics Romania |
| R2-2007965 | Miscellaneous correction for TS 37.340 for IAB | Huawei, HiSilicon |
| R2-2008363 | Summary draft CR to 38300 for IAB including all corrections | Qualcomm Incorporated |

**We will have two deadlines:**

**Deadline 1: Thu, Aug 20 0900 UTC. This deadline is only for discussion of reference to IAB in 36.300.**

**Deadline 2: Thu, Aug 27 0900 UTC. Finish line for editing St2 CRs.**

# Discussion

## TS 38.300

R2-2008363 already provides a summary of R2-2006504, 8363, 6963, 7315, 7374, 7509, 7539, 7545, and 7536. This CR is therefore used as the baseline for:

**draft R2-200xxxx Miscellaneous\_correction\_for\_TS\_38.300\_for\_IAB**

in this discussion. Companies are encouraged to edit this draft CR.

## TS 37.340

R2-2007965 provides a CR to TS 37.340. This CR is used as the baseline for:

**draft R2-200xxxx Miscellaneous\_correction\_for\_TS\_38.340\_for\_IAB**

in this discussion. Companies are encouraged to edit this draft CR.

## TS 36.300

R2-2007535 proposes IAB-related addition to TS 36.300, section 10.1.1.1, on cell selection by IAB-MT. Presently, TS 36.300 does ***not*** contain ***any*** reference to IAB. All IAB is considered part of 5G RAN and therefore contained in TS 38.300.

**Companies are asked to provide comments on in inclusion of IAB-related material to TS 36.300.**

|  |  |
| --- | --- |
| Company | Comments |
| QC | No reference to IAB necessary in 36300 |
| Huawei | The change from R2-2007535 seems not essential, as long as the behaviours are clear from RRC and 3X.304. |
| Samsung  | Obviously EUTRA cell supports IAB node. And IAB MT follows the cell selection/reselection operation on the EUTRA cell. The change from R2-2007535 is from TS 38.300 which is regarded as essential even though 38.331 and 38.304 have the clear operation.  |
| ZTE | The IAB-MT’s cell selection/reselection operation on E-UTRA cell has been captured in 36.331 and 36.304. It is not necessary to further capture this in 36.300. |
| Ericsson | The change seems not essential, given TS 38.331 and 38.304. Additionally, the change is in the “Cell selection” section, but cell (re)selection procedures for IAB-MT are the same as for the UE. What was modified is “cell reservations and access restrictions”. |
| vivo | We think the change is not crucial, prefer to keep the spec as it is. |
| LG | Considering that the related IAB-MT behavior is already clearly specified in other specification, e.g., 38.331, 38.304, further specifying in 36.300 is not essential and necessary. |
| Nokia | We don’t have a strong view but are ok not to include anything into 36.300. |

# Conclusion

The following proposals have been made:

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