**3GPP TSG-RAN WG3 Meeting #107e-bis R3-20xxxx**

**Electronic Meeting, April 20 – 30, 2020**

**Agenda item:** 13.1

**Source:** Qualcomm Incorporated

**Title:** CB: # 0\_Email\_IAB\_BLs

**Document for:** Discussion

# Introduction

This document captures CB discussion:

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| **CB: # 0\_Email\_IAB\_BLs**  **- note work plan**  **- endorse proposal for IAB terminology in 1778; BL CR Rapporteurs to align as necessary**  **- endorse as BL all 11 Tdocs; revise as needed**  (QC - moderator)  Summary of offline disc |

# 2 Discussion

2.1 IAB terminology

R3-201778 proposes the following rules on IAB terminology and notation:

* In running CR 38300, the *IAB-donor* is defined as a gNB that provides network access to UEs via a network of backhaul and access links
  + There is **no** *IAB-donor gNB* or *IAB-donor-gNB*.
  + IAB-donor-DU and IAB-donor-CU are hyphenated in the same manner as the gNB-CU and gNB-DU.
* The IAB-node holds gNB-DU functionality with IAB-specific enhancements, referred to as *IAB-DU*.
  + There is **no** *IAB-node-DU* since this might imply that there would also be an *IAB-node-CU*.
  + The IAB-DU of a specific IAB-node, e.g., IAB-node 1, can be referred to as IAB-node-1’s IAB-DU, or IAB-DU 1.
* The IAB-node holds UE functionality with IAB-specific enhancements, referred to as *IAB-MT*.
  + There is **no** *IAB-node-MT* (since this might imply that there would also be an IAB-node-DU).
  + The IAB-MT of a specific IAB-node, e.g., IAB-node 1, can be referred to as IAB-node-1’s IAB-MT, or IAB-MT 1.
* The parent-node IAB-DU and child-node IAB-MT may be referred to as parent IAB-DU and child IAB-MT, respectively.
* Hyphenation follows commonly known rules.

**Proposal 1: RAN3 to agree on the above IAB terminology and notation.**

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| Company | Comments |
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2.2 Endorsement of BL CRs

The following BL CRs are considered for endorsement:

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| [R3-201529](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201529.zip) | BL CR to 38.423: Support for IAB (Samsung) | CR0223r4, TS 38.423 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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| [R3-201530](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201530.zip) | BL CR to 38.463: Support for IAB (Huawei) | CR0162r4, TS 38.463 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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| [R3-201531](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201531.zip) | BL CR to 38.425: Support for IAB (Samsung) | CR0103r4, TS 38.425 v16.0.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | We propose the following changes:  *In case of IAB, this node refers to the IAB-node DU* ***and IAB-donor-DU*** *functionality serving the UE for the corresponding data radio bearer.* |
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| [R3-201532](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201532.zip) | BL CR to 36.413: Support for IAB (Huawei) | CR1661r11, TS 36.413 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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| [R3-201533](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201533.zip) | draftCR TS 38.300 Mapping of Uplink Traffic to Backhaul RLC Channels (Ericsson) | draftCRr, TS 38.300 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Change “*Backhaul RLC channel*” to “*BH RLC channel*” in alignment with remainder of 38300.  Remove “ of each UE”:  *A specific mapping is configured:*  *- for each F1-U GTP-U tunnel,*  *- for non-UE associated F1AP messages,*  *- for UE-associated F1AP messages ~~of each UE~~.*  *- for non-F1 traffic.* |
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| [R3-201534](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201534.zip) | BL CR to 38.413: Support for IAB (Nokia, Nokia Shanghai Bell) | CR0063r11, TS 38.413 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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| [R3-201559](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201559.zip) | Support for IAB (Nokia, Nokia Shanghai Bell) | CR0007r2, TS 38.474 v15.3.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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| [R3-201596](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201596.zip) | BL CR to 36.423: Support for IAB (Samsung) | CR1303r12, TS 36.423 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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| [R3-201597](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201597.zip) | BL CR to 38.401 Support for IAB (Huawei) | CR0033r18, TS 38.401 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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| [R3-201598](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201598.zip) | BL CR to 38.470: Support for IAB (Ericsson) | CR0026r12, TS 38.470 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Need to change *IAB-node MT* to *IAB-MT* (2 occasions) and *IAB-node DU* to *IAB-DU* (one occasion) |
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| [R3-201621](../../../../Users/ghampel/AppData/Local/Temp/Temp1_RAN3_107bis-e_agenda_with_Tdocs_20200417_1701.zip/Docs/R3-201621.zip) | BL CR to 38.473: Support for IAB (Ericsson) | CR0285r14, TS 38.473 v16.1.0, Rel-16, Cat. B |

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| Company | Comments |
| QC | Fine |
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**Proposal 2: RAN3 to endorse the above BL CRs.**

# 3 Conclusion

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