**3GPP TSG RAN WG1 #107-e R1-210XXXX**

**e-Meeting, November 11th – 19th, 2021**

**Source: RAN1 Chair**

**Title: Incoming LS handling for RAN1#107-e**

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

# Introduction

This document summarizes the contributions submitted to Agenda Item 5 (Incoming Liaison Statements) in RAN1#107-e and identifies a set of LS that needs to be addressed in the email discussion phase of RAN1#107-e.

# Summary

## Incoming LSs “To RAN1”

### *LTE\_eMTC5-Core*

R1-2110754 Reply LS on RSS-based RSRQ RAN4, Huawei

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| **Initial assessment** | RAN1 to consider RAN4 response as part of the ongoing work under agenda item 6. |
| **Company** | **Views (if any)** |
| Nokia, NSB | No specific RAN1 action, no separate thread needed. OK with the initial assessment. |

### *NR\_IIOT-Core*

R1-2110755 LS to RAN1 on UL skipping with LCH-based prioritization RAN2, vivo

**Relevant tdoc(s) under agenda item 5:**

R1-2112409 Draft reply LS on UL skipping with LCH prioritization Huawei, HiSilicon

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| **Initial assessment** | RAN1 to consider RAN2 response as part of the ongoing work under agenda item 7.2.5 including need for a reply LS. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment. Nokia input addressing the matter in R1-2111682 |

### *Initial state of elements controlled by MAC CEs*

R1-2110756 LS on initial state of elements controlled by MAC CEs RAN2, Huawei

**Relevant tdoc(s) under agenda item 5:**

R1-2110969 Draft reply LS on initial state of elements controlled by MAC CEs vivo

R1-2111208 Draft Reply LS on initial state of elements controlled by MAC CEs CATT

R1-2111710 Draft reply LS on initial state of elements controlled by MAC CEs Samsung

R1-2111789 [Draft] Reply LS on initial state of elements controlled by MAC CEs ZTE

R1-2111936 Views on initial state of elements controlled by MAC CEs Huawei, HiSilicon

R1-2111937 Draft Reply LS on initial state of elements controlled by MAC CEs Huawei, HiSilicon

R1-2112186 Draft reply LS on initial state of elements controlled by MAC CEs Qualcomm Incorporated

R1-2112328 Discussion regarding LS reply on initial state of elements controlled by MAC CEs Ericsson

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| **Initial assessment** | Response LS needed. To be handled under agenda item 5. Separate email thread: [107-e-AI5-LSs-01]. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment |
| CATT | Agree with the initial assessment. |

### *NR\_L1enh\_URLLC-Core*

R1-2110757 LS on PDCCH Blind Detection in CA RAN2, Huawei

**Relevant tdoc(s) under agenda item 5:**

R1-2110906 [Draft] Reply LS on PDCCH Blind Detection in CA ZTE

R1-2110971 Discussion on RAN2 LS on PDCCH Blind Detection in CA vivo

R1-2111709 Discussion on RAN2 LS on blind detection in CA Samsung

R1-2112407 Draft reply LS on PDCCH Blind Detection in CA Huawei, HiSilicon

R1-2111168 On UE features for PDCCH Blind Detection in CA Nokia, Nokia Shanghai Bell

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| **Initial assessment** | Response LS needed. To be handled under agenda item 7.2.5. Separate email thread: [107-e-NR-L1enh-URLLC-01]. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Nokia Tdoc submitted to 7.2.11 (R16 UE features) in R1-2111168, added to the list above. Could be handled in 7.2.11 rather than 7.2.5, but what matters is that it is handled. |
| CATT | Agree with the initial assessment. |

### *RMSI reception based on non-zero search space*

R1-2110758 LS on RMSI reception based on non-zero search space RAN2, OPPO

**Relevant tdoc(s) under agenda item 5:**

R1-2110905 [DRAFT] Reply LS on RMSI reception based on non-zero search space ZTE

R1-2110970 Discussion on RAN2 LS on RMSI reception based on non-zero search space vivo

R1-2111334 Discussion on RMSI reception based on non-zero search space OPPO

R1-2111335 Reply LS on RMSI reception based on non-zero search space OPPO

R1-2111938 Views on RMSI reception based on non-zero search space Huawei, HiSilicon

R1-2112187 Discussion on RMSI reception based on non-zero search space Qualcomm Incorporated

R1-2112360 On RMSI reception based on non-zero search space Ericsson

R1-2112373 On RMSI reception based on non-zero search space Nokia, Nokia Shanghai Bell

R1-2112374 [DRAFT] Response LS on RMSI reception based on non-zero search space Nokia, Nokia Shanghai Bell

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| **Initial assessment** | Response LS needed. To be handled under agenda item 5. Separate email thread: [107-e-AI5-LSs-02]. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment. |
| CATT | Agree with the initial assessment. |

## LSs “CC: RAN1”

All the following LSs are noted. No actions from RAN1 unless explicitly requested.

R1-2110759 LS Reply on UE Power Saving SA2, Huawei

R1-2110760 LS on PC5 DRX for ProSe SA2, LG Electronics

## Others

### *NR\_RRM\_enh2-Core (R1-2108704 from RAN1#106bis-e)*

R1-2108704 LS on beam information of PUCCH SCell in PUCCH SCell activation procedure Huawei

**Relevant tdoc(s) under agenda item 5:**

R1-2111843 Discussion on RAN4 LS R1-2108704 on beam information of PUCCH Scell in PUCCH SCell activation procedure Apple

R1-2112184 Discussion on LS on beam information of PUCCH SCell in PUCCH SCell activation procedure Qualcomm Incorporated

R1-2112402 Discussion on beam information of PUCCH SCell in PUCCH SCell activation procedure Huawei, HiSilicon

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| **Initial assessment** | Response LS needed. To be handled under agenda item 5. Separate email thread: [107-e-AI5-LSs-03]. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment. |
| CATT | Agree with the initial assessment. |

### *NR\_RF\_FR1-Core (R1-2106431 from RAN1#106-e)*

R1-2106431 LS on UL MIMO coherence for Tx switching between two carriers China Telecom

**Relevant tdoc(s) under agenda item 5:**

R1-2112185 Discussion on UL MIMO Coherence capability Qualcomm Incorporated

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| **Initial assessment** | To be handled under agenda item 7.2.11. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment |
| CATT | Agree with the initial assessment. |

### *NR\_MBS-Core (R1-2106410 from RAN1#106-e)*

R1-2106410 LS on update for MCCH design RAN2, Huawei

**Relevant tdoc(s) under agenda item 5:**

R1-2112311 Discussion on RAN2 LS on broadcast session delivery about MCCH design MediaTek Inc.

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| **Initial assessment** | To be handled under agenda item 8.12 including the need for a reply LS. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment |
| CATT | Agree with the initial assessment. |

### *FS\_XRTraffic, FS\_NR\_XR\_eval (R1-2104023 from RAN1#104bis-e)*

R1-2104023 LS on Status Update on XR Traffic SA4, Qualcomm

**Relevant tdoc(s) under agenda item 5:**

R1-2112406 Discussion on LS on Status Update on XR Traffic Huawei, HiSilicon

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| **Initial assessment** | To be handled under agenda item 8.14. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment |
| CATT | Agree with the initial assessment. |

### *NR\_REDCAP (R1-2108714 from RAN1#106bis-e)*

R1-2108714 LS on capability related RAN2 agreements for RedCap RAN2, Ericsson

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| **Initial assessment** | Response LS needed. To be handled under agenda item 8.16.6. Separate email thread: [107-e-R17-UE-features-REDCAP-02]. |
| **Company** | **Views (if any)** |
| Nokia, NSB | Agree with the initial assessment |
| CATT | Agree with the initial assessment. |

# Conclusions

All incoming LSs are noted. The following incoming LSs will be further discussed for possible RAN1 action in RAN1#107-e.

* TBD