**3GPP TSG RAN Meeting #89-e RP-202096**

**Electronic Meeting, September 14 - 18, 2020**

**Agenda item:** 9.8.1

**Source:** Moderator (Samsung)

**Title:** Moderator’s summary for email discussion [90E][24][R17\_MIMO\_workflow]

**Document for:** Discussion and Decision

1. Introduction

Per chairman’s instruction, the goal and pertinent contributions for this email discussion is as follows:

* Goal: Generate an agreeable way forward.
* Input contributions covered:  2300 [1]

Table 1 Summary of the identified input contributions

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| **Tdoc** | **Summary of issue and proposals** |
| RP-202300 | Issue: Sending LS to RAN2/4 in the early phase of Rel.17 NR FeMIMO WI:   * RAN4 is occupied with Rel.16 NR\_eMIMO and RAN2 work load is close to critical * RAN2/4 will not start until the last (2) RAN1 meeting(s) before RAN1 freeze with limited TU allocation * Difficult to gauge the required amount of work in RAN2/4 to generate helpful LS response to RAN1 * Inter-WG ping-pong inevitably disrupts RAN1 progress   Proposal: RAN to discuss and (preferably) provide guideline (criteria) for the necessity of LS from RAN1 to RAN2/4 in early phase of Rel.17 NR FeMIMO |

1. Compilation of companies’ inputs: initial round

During the initial round, interested companies are encouraged to share their view on the following:

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| Given the issues with sending LS to RAN2/4 in the early phase of Rel.17 NR FeMIMO WI (e.g. those identified in RP-202300):   * Q1: What general criteria should RAN1 employ to address this problem? * Q2: If an LS is sent by RAN1 to RAN2/4 and the associated amount of required work seems infeasible, how should RAN2/4 respond? |

Table 2 Inputs

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| **Company** | **View** |
| Samsung | On Q1:   * In general, sending an LS to RAN2/4 in the early phase of FeMIMO is done only when it is extremely necessary. * When a topic involves some RAN2/4 aspects, interested companies can discuss such aspects in RAN1 contributions and consolidate their inputs in RAN1. This also includes gauging the amount of RAN2/4 works involved in providing sufficiently helpful response if an LS is to be sent.   On Q2:   * If the amount of works seems excessive, RAN2/4 may simply respond that at that stage, RAN2/4 cannot provide a response due to the current workload. |
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1. Summary and moderator proposals

Based on the collected inputs in section 3, the following **observation** can be made:

...

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| **Proposed way forward (after the initial round)**: ... |

# References

1. RP-202300 On workflow for further enhancements on MIMO for NR Samsung
2. RP-202024 Revised WID: Further enhancements on MIMO for NR Samsung