**3GPP TSG RAN WG1 #111 R1-220xxxx**

**Toulouse, France, November 14th – 18th, 2022**

**Agenda item:** 8.1

**Source:** Moderator (CATT)

**Title:** Moderator Summary for Rel.17 NR FeMIMO maintenance: mTRP beam management (Round 1)

**Document for:** Discussion and Decision

1. Introduction

The moderator summary of the maintenance-related issues raised in the submitted contributions for Rel.17 NR\_FeMIMO maintenance is given below.

An initial assessment on each of the issues is given (but can be revised based on the outcome of the discussion during the preparation week). The assessment will be used as a basis to select a number of issues (per chairman instruction) for further discussion in the upcoming weeks.

* *High priority (H):* this includes high-priority item (essential, pending issues, broken spec components) and proposed editorial changes that either enhance the clarity of the specs or correct mistakes
* *Non-essential (N)*: this includes all other purposes such as spec optimization and low priority issues
* *Editorial (E)*: this includes editorial issues that will be handled as editorial CRs

Companies are invited to provide inputs **before Tuesday 09:00 (local time in France).**

1. Maintenance issues

The issues are summarized in the following table:

**Table 1 Summary**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Issue (summary of CR proposal)** | **Companies** | **FL assessment** | **Company inputs (if any)** |
| 1 | Capability parameter name *capabilityparametername* is not aligned in TS38.306 and TS38.331. Change *capabilityparametername* to *mTRP-BFR-twoBFD-RS-Set*.  FL note1: Editorial change.  FL note2: given the following description in 331, we can directly change *capabilityparametername* to *maxBFD-RS-resourcesPerSetPerBWP*.  ***mTRP-BFR-twoBFD-RS-Set-r17***  Indicates whether the UE supports mTRP BFR based on two BFD-RS sets. The capability signalling comprises the following parameters:  *-* *maxBFD-RS-resourcesPerSetPerBWP-r17* indicates the maximum number of supported measured BFD-RS resources per set per BWP.  *…* | Sharp | E |  |

1. Observation

From the inputs shared by participating companies during the preparation phase, the following **observation** can be made:

* The following issue can be handled as E (a part of editorial CR): ...
* The following issues can be designated as H (requiring discussion and additional agreements/conclusions): ...
* The following issues can be designated as N (non-essential) but can be discussed again in future meetings: ...
* The following issues can be designated as N (non-essential) and have been discussed in previous meeting(s): ...

# References

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | R1-2212309 | Correction on capability parameter name alignment for feMIMO in TS38.213 | Sharp |