3GPP TSG-RAN WG2 #130 R2-250xxxx

**St. Julien, Malta, 19th – 23rd May 2025**

Agenda Item: x.x.x

Source: Ericsson

Title: List of RRC FFSs for mobility

Document for: Discussion

# 1 Introduction

Here below is provided the list of remaining FFSs according to the RRC running CR in [1] for LTM and CLTM that need to be solved

# 2 Discussion

## 2.1 RRC-1

*Editor’s Note: FFS whether additional text for security key change in LTM (at the MCG and SCG) is needed.*

**Rapporteur comment**: This issue can be solved in the discussions for the running CR and no contribution from companies is needed.

## 2.2 RRC-2

*Editor’s Note: FFS if appliedLTM-CandidateId needs to be included in both MCG and SCG RRCReconfigurationComplete message.*

**Rapporteur comment**: Whether this is an issue need to be clarified, but probably good to discuss this based on companies’ contributions (if companies think that current text is not okay).

## 2.3 RRC-3

*Editor’s Note: FFS how to handle the case where more than one LTM candidate cell fulfil the LTM cell switch execution.*

**Rapporteur comment**: Current procedural text leaves this case to the UE implementation (similar to CHO), so the proposal is to keep current text as it is and delete the FFS.

## 2.4 RRC-4

*Editor’s Note: How to release ltm-ConfigNRDC is FFS.*

**Rapporteur comment**: This is a purely stage3 issue and the plan is for the rapporteur to propose a solution on how to address this. No contribution should be needed from companies.

## 2.5 RRC-5

*Editor’s Note: FFS how report configuraiton for CSI acqusition should be configured. Pending with further R1 progress*

**Rapporteur comment**: This issue is related to how RAN1 decides to design the CSI-RS measurements for LTM. We can wait for their RAN1 parameter list.

## 2.6 RRC-6

*Editor’s Note: FFS on which point in time, for fast recovery, the UE reverts back to the previous PCell configuration.*

**Rapporteur comment**: It is still not crystal clear how the fast recovery procedure would work, and especially when the UE should revert back to the previous PCell configuration. We suggest to discuss this based on companies’ contribution.

## 2.7 RRC-7

*Editor’s note: FFS whether the list of sk-counters can be used only for the case of inter-MN LTM.*

**Rapporteur comment**: This is something that we never discussed. Current Running CR re-use the list of sk-counters also for the case of inter-MN LTM (to support subsequent LTM) so our suggestion is to keep current text.

## 2.8 RRC-8

*FFS if fast failure recovery with different Rel-19 IDs is allowed.*

**Rapporteur comment**: This is an open issue from last RAN2 meeting and, even if we don’t support the case mentioned in the FFS, things should work fine anyway. However, our suggestion is to discuss this based on companies’ contribution.

## 2.9 Comments on open issues

Companies are free to comment on the different open issues and whether more issues should be added to the list.

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| --- | --- | --- |
| Company | Issue | Comment |
| DOCOMO | It is unclear whether the *LTM-Candidate* including execution condition can be also used as NW-triggered intra-CU LTM. (i.e., whether we allow to use *LTM-Candidate* including execution condition for both C-LTM and NW-triggered intra-CU LTM) |  |
| vivo | UL-only TRP is introduced in Rel-19 MIMO 2TA, performing PDCCH-order based TA measurement for the UL-only TRP of the candidate cell may be not supported or need some enhancement. Therefore, whether the inter-CU LTM can coexist with Rel-19 MIMO 2TA should be listed as an open issue and discussed based on companies’ contribution. |  |
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# 3 Conclusion

According to what has what has been discussed in section 2:

1. xxx

# References