3GPP TSG-RAN WG2 #110-e R2-20xxxxx

Electronic Meeting, 1st – 12th June 2020

Agenda Item: 6.10.5

Source: Ericsson

Title: [AT110e][051][DCCA] Stage-2 Updates

Document for: Discussion, Decision

# 1 Introduction

This document is to kick off the following email discussion:

* [AT110e][051][DCCA] Stage-2 Updates (vivo, Ericsson)

Scope: Treat documents under 6.10.5, determine agreeable parts and and make agreements. Implement meeting agreements in updated CRs.

 Agreed CRs 36300 38300 (Ericsson) 37340 (vivo)

 Deadline: June 11 0700 UTC

# 2 Discussion

Companies are requested to add their comments for each of the treated CRs of this email discussion in the boxes below (one for each CR to be treated).

## 2.1 Clarification of DAPS configuration in MR-DC

[R2-2005169](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005169.zip) Clarification of DAPS configuration in MR-DC Ericsson CR Rel-16 38.300 16.1.0 0236 - F LTE\_NR\_DC\_CA\_enh-Core

[R2-2005170](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005170.zip) Clarification of DAPS configuration in MR-DC Ericsson CR Rel-16 37.340 16.1.0 0201 - F LTE\_NR\_DC\_CA\_enh-Core

|  |  |
| --- | --- |
| Company | Comments |
| Qualcomm | It seems to be fine. But we are wondering whether it is better to discuss these 2 CRs in mobility WI because we understand the intention of the change is to capture DAPS agreements made in mobility WI.  |
| CATT | The CRs seem OK. Agree with Qualcomm it belongs to mobility WI. |
|  |  |
|  |  |
|  |  |
|  |  |

## 2.2 Support of inter-RAT handover

[R2-2005640](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005640.zip) 37.340 CR for Supporting inter-RAT handover during fast MCG link recovery LG Electronics Inc. CR Rel-16 37.340 16.1.0 0206 - F LTE\_NR\_DC\_CA\_enh-Core

|  |  |
| --- | --- |
| Company | Comments |
| Qualcomm | The intention of the CR is fine, but we think the case of *MobilityFromEUTRACommand* message is missing. Thus, we suggest below change in section 7.7:=============================it does not receive an *RRC reconfiguration* message, *MobilityFromNRCommand* message, or *MobilityFromEUTRACommand* message or *RRC release* message within a certain time after fast MCG link recovery was initiated.Upon reception of the MCG Failure Indication, the MN can send *RRC reconfiguration* message, *MobilityFromNRCommand* message, or *MobilityFromEUTRACommand* message or *RRC release* message to the UE, using the SCG leg of split SRB1 or SRB3. Upon receiving an *RRC reconfiguration* message or *MobilityFromNRCommand* message, or *MobilityFromEUTRACommand* message, the UE resumes MCG transmissions for all radio bearers. Upon receiving an *RRC release* message, the UE releases all the radio bearers and configurations.======================= |
| CATT | The MobilityFromEUTRACommand should be added, for (NG)EN-DC case. The MobilityFromEUTRACommand may be used as the response to the MCG failure information. |
|  |  |
|  |  |
|  |  |
|  |  |

## 2.3 Support of asynchronous NR-DC

[R2-2006014](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2006014.zip) Support of asynchronous NR-DC ZTE Corporation (Rapporteur) CR Rel-16 37.340 16.1.0 0207 - B LTE\_NR\_DC\_CA\_enh-Core

|  |  |
| --- | --- |
| Company | Comments |
| Qualcomm  | We agree with the intention of the CR. However, we suggest to use bullets to make different synchronization cases more clearly. For example:*Depending on UE's capabilities, NR-DC may require below synchronization between PCell and PSCell:* 1. *slot-level with SFN synchronization*
2. *slot-level without SFN synchronization*
3. *neither slot-level nor SFN synchronization*
 |
| CATT | We agree with the CR. |
|  |  |
|  |  |
|  |  |
|  |  |

## 2.4 Agreements on fast MCG recovery

[R2-2004502](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2004502.zip) Capture latest agreements on fast MCG recovery vivo CR Rel-16 37.340 16.1.0 0200 - B LTE\_NR\_DC\_CA\_enh-Core

|  |  |
| --- | --- |
| Company | Comments |
| Qualcomm | We agree with CR |
| CATT | The note2 will preclude the case of inter-RAT handover via SRB1 which was agreed* RAN2 assumes it is feasible to support inter-RAT HO during fast MCG recovery.

So the note2 should delete the “apart from inter-RAT handover”NOTE2: ~~Apart from inter-RAT HO,~~ all handover scenarios according to Table B-1 that have a DC option in the column “from” are supported during fast MCG failure recovery. |
|  |  |
|  |  |
|  |  |
|  |  |

# Conclusion

In the previous sections we made the following observations:

Based on the discussion in the previous sections we propose the following:

# References

[1]