**3GPP TSG-RAN WG4 Meeting # 97-e R4-200XXXX**

**Electronic Meeting, 2 – 13 Nov., 2020**

**Agenda item: 6.3**

**Source:** Moderator (Nokia, Nokia Shanghai Bell)

**Title:** Email discussion summary for [97e][227] LTE feMob RRM

**Document for:** Information

# Introduction

*Briefly introduce background, the scope of this email discussion and provide some guidelines for email discussion if necessary.*

In RAN4#96e meeting, we have discussed the core requirements and performance requirements for LTE mobility enhancement, the agreements and the remaining open issues were captured in the 2nd round email discussion summary R4-2012230. This email summary will be the input for this topic in RAN4#97e meeting.

According to the meeting agenda, we will have 2 topics for discussion:

* Core requirements
* Performance requirements

*List of candidate target of email discussion for 1st round and 2nd round*

* 1st round: Discuss the core requirements and the test cases for performance requirements. Get agreement on the core requirements, Get agreement on the test cases for performance requirements if possible.
* 2nd round: Get agreements on the remaining open issues after 1st round discussion. Get agreement on the CRs for performance requirements.

# Topic #1: Core requirements

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| [R4-2015502](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_97_e/Docs/R4-2015502.zip) | Huawei, HiSilicon | CR for Correction on the synchronous condition for DAPS handover  Summary of change:   1. Synchronous condition for DAPS handover aligns with the agreement for NR mobility enhancement in [R4-2012265]. 2. Further correct note2 and note 3 to leave enough DL-to-UL and UL-to-DL switching time between source cell and target cell |
| [R4-2016385](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_97_e/Docs/R4-2016385.zip) | Nokia, Nokia Shanghai Bell | Maintenance CR on 36133 LTE CHO  Summary of change:   * Update the equation of conditional handover delay and align with NR conditional handover. |

## Open issues summary

*Before e-Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

Provide comments on CR directly in 1.3.2.

## Companies views’ collection for 1st round

### Open issues

Provide comments on CRs directly in 1.3.2.

### CRs/TPs comments collection

*Major close-to-finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2015502 | Company A |
| Company B |
|  |
| R4-2016385 | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary** |
| **Sub-topic#1** | *Tentative agreements:*  *Candidate options:*  *Recommendations for 2nd round:* |

*Recommendations on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title** | **Assigned Company,**  **WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provides recommendation on CRs/TPs Status update*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation** |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation** |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

# Topic #2: Performance requirements

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| [R4-2015501](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_97_e/Docs/R4-2015501.zip) | Huawei, Hisilicon | CR for Test cases for inter-frequency DAPS handover  Summary of change:  The following test cases for inter-frequency DAPS are defined:   * Intra-band Inter-frequency sync DAPS handover test for FDD-FDD * Intra-band Inter-frequency async DAPS handover test for FDD-FDD * Inter-band Inter-frequency sync DAPS handover test for FDD-FDD * Inter-band Inter-frequency async DAPS handover test for FDD-FDD |
| [R4-2016384](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_97_e/Docs/R4-2016384.zip) | Nokia, Nokia Shanghai Bell | CR on 36133 LTE CHO TCs  Summary of change:  Add test cases for LTE CHO:  1. E-UTRAN FDD – FDD intra-F test cases  2. E-UTRAN FDD – FDD inter-F test cases  3. E-UTRAN TDD – TDD intra-F test cases  4. E-UTRAN TDD – TDD inter-F test cases  5. E-UTRAN FDD – TDD inter-F test cases  6. E-UTRAN TDD – FDD inter-F test cases |
| [R4-2016554](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_97_e/Docs/R4-2016554.zip) | Qualcomm Incorporated | CR for Introduction of intra-frequency sync and async LTE DAPS HO test cases  Summary of change:   1. Adding LTE FDD-FDD intra-frequency DAPS HO test case (async) 2. Adding LTE TDD-TDD intra-frequency DAPS HO test case (sync) |

## Open issues summary

*Before e-Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

Provide comments on CRs directly in 2.3.2

## Companies views’ collection for 1st round

### Open issues

Provide comments on CRs directly in 2.3.2

### CRs/TPs comments collection

*Major close to finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2015501 | Company A |
| Company B |
|  |
| R4-2016384 | Company A |
| Company B |
|  |
| R4-2016554 | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary** |
| **Sub-topic#1** | *Tentative agreements:*  *Candidate options:*  *Recommendations for 2nd round:* |

*Suggestion on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title** | **Assigned Company,**  **WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provided recommendation on CRs/TPs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation** |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation** |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |