**3GPP TSG-RAN WG4 Meeting #94-e R4-20xxxxx**

**Electronic Meeting, Feb.24th – Mar.6th 2020**

**Agenda item:** 8.10

**Source:** Huawei, HiSilicon

**Title:** Email discussion summary for RAN4#94e\_#58\_SRVCC\_NR\_to\_UMTS\_RRM

**Document for:** Information

# Introduction

This email thread discusses the SRVCC core part and performance part in agenda 8.10.1 and 8.10.2.

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

* 1st round: Invite companies to review the recommended WF in each sub-topic, and provide comments. If no comment is received for a CR, it will be recommended to be agreed in the summary for the 1st round.
* 2nd round: TBA

# Topic #1: SRVCC core part

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2001673 | Huawei, HiSilicon | Main changes: Replace the IE name TBD to *MobilityfromNRCommand* |

## Open issues summary

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 1-1:  Sub topic 1-2:  ….  Others: |

### 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** |
| XXX | Company A |
| Company B |
|  |
| YYY | 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: SRVCC test case list

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

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2001418 | Ericsson | Observation 1: Although SRVCC is supported in release 16, there is no corresponding rSRVCC procedure or other mobility directly from 3G to NR specified  Proposal 1: RRM tests are introduced to verify NR to 3G mobility.  Test cases are listed:   1. NR to UTRA FDD Inter-RAT measurement reporting 2. NR to UTRA FDD InterRAT handover |
| R4-2001672 | Huawei, HiSilicon | Proposal 1: The following three test cases shall be specified for SRVCC.  -NR − UTRAN FDD measurements when non-DRX is used  -NR − UTRAN FDD measurements when DRX is used  - Inter-RAT handover from NR to UTRAN |

## Open issues summary

### Sub-topic 2-1 Does it need to verify measure/handover from 3G to NR?

* Proposals
  + Option 1: NO.
* Recommended WF
  + no need to define the tests in the direction of 3G to NR mobility

### Sub-topic 2-2 RRM test case list

* Proposals
  + Option 1: two test cases are introduced for SRVCC

-NR to UTRA FDD Inter-RAT measurement reporting

-NR to UTRA FDD InterRAT handover

* + Option 2: Three test cases are introduced for SRVCC

-NR − UTRAN FDD measurements when non-DRX is used

-NR − UTRAN FDD measurements when DRX is used

- Inter-RAT handover from NR to UTRAN

* Recommended WF
  + The following test cases are introduced for SRVCC”

-NR − UTRAN FDD measurements when non-DRX is used

-NR − UTRAN FDD measurements when DRX is used

- Inter-RAT handover from NR to UTRAN

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 2-1:  Sub topic 2-2:  ….  Others: |
| Qualcomm | Sub topic 2-1: we agree there is no need for 3G to NR testing  Sub topic 2-2: we disagree with the WF proposed by the moderator, we support option 1. The main use case is measurements without DRX. There is no clear for test with DRX, this would only increase the number of tests. |

### 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** |
| XXX | Company A |
| Company B |
|  |
| YYY | 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”* |