**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: |

### 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”* |