3GPP TSG RAN WG2 Meeting #104 R2-181xxxx

Spokane, USA, 12th - 16th November 2018

**Agenda item:** 9.7.x

**Source:** Intel Corporation (rapporteur)

**Title:** Email discussion report on [103bis#43][ LTE/eLTE]] Capture NR agreements (Intel)

**Document for:** Discussion and decision

# Introduction

This is the email discussion report on [103bis#43][LTE/5GC] Capture NR agreements (Intel).

[103bis#43][LTE/eLTE] Capture NR agreements (Intel)

Capture the agreements made in NR session which are also applied for eLTE

Intended outcome: 36.331 CR submitted to next meeting

Deadline: Thursday 2018-11-01

In this email discussion, Rapporteur lists corresponding in principle agreed CRs for NR, and would like to collect views from companies on whether all related NR agreements are applicable for LTE/5GC , and then provide TS36.331 CR for eLTE (maybe also TS36.304 CR). Rapporteur would suggest to have two phases discussion:

Phase 1: Companies are invited to provide your view on whether each NR agreements are applicable for LTE/5GC or not; Deadline for phase 1: Friday 2018-10-25 Rapporteur may miss some agreements, companies are invited to add if any in section 3.

Phase 2: Companies are invited to provide comments on stage 3 TS36.331 CR; Deadline for Phase 2: Thursday 2018-11-01

# NR agreements which are related to LTE/5GC

Note: NR agreements which have been captured in LTE/5GC in the meeting, are listed in section 5 Annex.

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| **#** | **Agreements/Tdoc number** | **Companies are invited to provide view on whether agreements are applicable for LTE/5GC or not** |
| **1** | [R2-1816056](file:///C:\Data\3GPP\Extracts\R2-1816056.doc) CR on fallback to the setup procedure  R2-1816052 RIL I556, I557, I558 on RB handling when resuming  - discard the suspendConfig if stored  - discard the AS security context  - discard radio resources and RRC configuration for all RBs except SRB0  **TS36.331 5.3.3.4, the handling on INACTIVE shall be updated**  “1> if the *RRCConnectionSetup* is received in response to an *RRCConnectionResumeRequest* from RRC\_INACTIVE:  ” | [MTK] Yes, we think that this is applicable to eLTE. |
| **2** | [R2-1815834](file:///C:\Data\3GPP\Extracts\R2-1815834_R2-1815205%20CR%20to%2038.331%20on%20the%20ambiguity%20of%20targetCellIdentity%20in%20Resume%20Short%20MAC-I%20calculation.doc) CR to 38.331 on the ambiguity of targetCellIdentity in Resume/Reestablishment MAC-I calculation  **TS36.331 7.1** Variable for resume/reestablishment in case of E-UTRA/5GC should be updated, e.g. *VarShortINACTIVE-MAC-Input.* | [MTK] Our understanding is that we have only one *cellIdentity* in the system information in LTE (even in share NW case). The CR seems not necessary. |
| **3** | [R2-1815835](file:///C:\Data\3GPP\Extracts\R2-1815835%2038331_resume-security_I774.doc) Handling on security keys for resume procedure (I774)  **TS36.331**  Handling of keys/NCC shall be updated; | [MTK] Yes, we think that this is applicable to eLTE |
| **4** | [R2-1814961](file:///C:\Data\3GPP\Extracts\R2-1814961%20CR%20to%2038331%20RAN%20Area%20Update%20trigger.docx) Clarifications on RNA update and CN registration (N023)  **TS36.331**  Handling on SIB1 and RNAU shall be updated; | [MTK] Yes, we think that this is applicable to eLTE |
| **5** | R2-1815836 CR to 38.331 on pendingRNAUpdate setting  **TS36.331**  Handling on variable pendingRNAUpdate | [MTK] Yes, we think that this is applicable to eLTE. It is better to use same principle to update the pendingRnaUpdate. |
| **6** | [R2-1815838](file:///C:\Data\3GPP\Extracts\383331_CR0179_Rev1_(REL-15)_R2-1815838_ResumeFailure_Idle.docx) Handling of Resume  TS36.331,  In 5.3.3, add  For INACTIVE UE, the UE shall enter IDLE if the UE is unable to comply with (part of) the configuration included in the RRCResume message | [MTK] Yes, we think that this is applicable to eLTE |
| **7** | R2-1815952 E573 Configuration of SRB1 during Resume  TS36.331,  5.3.3.3a  PDCP configuration shall not be restored before Reception of the RRCResume.  restore the RRC configuration and security context from the stored UE AS context except physical layer and MAC configuration; | [MTK] Yes, we think that this is applicable to eLTE |
| **8** | R2-1815958 Security for RRC connection release  TS36.331, For E-UTRA/5GC,  UE shall release the RRC connection but ignore the Re-direction, Dedicated frequency reselection priorities, De-prioritisation information, and SuspendConfig fields if included in an RRC release message received before security activation. | [MTK] Yes, we think that this is applicable to eLTE. |
| **9** | [R2-1815959](file:///C:\Data\3GPP\Extracts\R2-1815959.doc) RRC connection release triggered by upper layers [H323]  TS36.331, For E-UTRA/5GC, reference should be 24.501, in addition, the changes in 5.3.9 is applicable for E-UTRA/5GC | [MTK] Yes, we think that this is applicable to eLTE |
| **10** | [R2-1815961](file:///C:\Data\3GPP\Extracts\R2-1815961%20-%20CR%20to%2038.304%20on%20Release%20and%20Redirect%20in%202-step%20procedure.docx) CR to 38.304 on Release and Redirect in 2-step procedure  TS36.304 shall be updated.  5.2.7 Cell Selection when leaving RRC\_CONNECTED state | [MTK] Yes, we think that this is applicable to eLTE |
| **11** | [R2-1815992](file:///C:\Data\3GPP\Extracts\38331_CR0216_(Rel-15)_R2-1815992%20Remain%20issue%20for%20T302.doc) Remain issue for T302 and T390  TS36.331  5.3.3.8, handling on reject is missing, i.e. stop the timer first, and start it if configured; | [MTK] Yes, we think that this is applicable to eLTE. |
| **12** | [R2-1815993](file:///C:\Data\3GPP\Extracts\R2-1815993%20-%20CR%20to%2038.331%20on%20Stopping%20T390%20and%20related%20UE%20actions.docx) CR to 38.331 on stopping T390 and UE related actions  TS36.331  Handling on T390 can be aligned. | [MTK] Yes, we think that this is applicable to eLTE. |
| **13** | R2-1815837 CR for 38.331 for UE AS context Al2 has been postponed to **next meeting.**  Rapporteur assume similar changes are needed for eLTE; | [MTK] In NR, the discussion is postpone. Maybe we could wait the result of NR, than decide what to do in eLTE. |
| **14** | [R2-1813624](file:///C:\Data\3GPP\Extracts\R2-1813624_nr_inactive_oos_v15.doc) On UE behaviour upon going out of service,  CRs on NR will be provided by Samsung in **next meeting.**  We could align with them if any. | [MTK] Agree to align NR on OOS behavior. |
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# Any other issues?

Companies are invited to provide if anything is missing.

Anything related to LTE/5GC?

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| **Company's name** | **NR agreements/CRs** | **Remark** |
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# Email discussion report

To be added.

# Annex

## NR agreements which have been captured in LTE/5GC

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| **#** | **NR Agreements/Tdoc number** | **eLTE Agreements/Tdoc number** |
| **1** | [R2-1815822](file:///C:\Data\3GPP\Extracts\R2-1815822%20-%20CR%20to%2038331%20on%20clarification%20of%20guami-Type.docx) clarification of guami-Type | [R2-1815859](file:///C:\Data\3GPP\Extracts\R2-1815859%20-%20%5bE201%5d%20CR%20to%2036.331%20on%20handling%20of%20mapped%20GUMMEI%20at%20idle%20mode%20mobility%20from%205GS%20to%20EPS.docx) [E201] CR to 36.331 on handling of mapped GUMMEI at idle mode mobility from 5GS to EPS |
| **2** | [R2-1815962](file:///C:\Data\3GPP\Extracts\38.331_CR0406_Rev1_(Rel-15)_R2-1815962_CN_type_indication_to_EUTRA.doc) Correction on CN type indication for Redirection from NR to E-UTRA | R2-1815787 Correction of CN type indication for RRC Redirection from E-UTRA/5GC to E-UTRA/5GC or E-UTRAN |
| **3** | [R2-1816047](file:///C:\Data\3GPP\Extracts\R2-1816047%20Correction%20to%20full%20configuration.doc) Correction to full configuration | [R2-1816008](file:///C:\Data\3GPP\Extracts\R2-1816008%20Correction%20to%20DRB%20release.doc) Correction to DRB release |
| **4** | [R2-1813968](file:///C:\Data\3GPP\Extracts\R2-1813968_38331_Handling%20on%20simultaneously%20triggered%20NAS%20AS%20events%20(I770).doc) Handling on simultaneously triggered NAS/AS events (I770) | R2-1813976 Open issues on E-UTRA connected to 5GC for UAC |
| **5** | [R2-1813823](file:///C:\Data\3GPP\Extracts\38331_CR0219_(Rel_15)_R2-1813823%20%5bC204%5d%20Handling%20of%20timer%20T380.doc) [C204] Handling of timer T380 | R2-1815789 TS36.331 CR on Open issues on E-UTRA connected to 5GC for INACTIVE |
| **6** | [R2-1816029](file:///C:\Data\3GPP\Extracts\R2-1816029%20Addition%20of%20RAN%20specific%20Access%20Category.docx) Addition of RAN specific Access Category | R2-1813643 Addition of RAN specific Access Category |