**3GPP TSG-** **RAN2 Meeting #122 R2-23xxxxx**

**Incheon, Korea, 22-26 May 2023**

**Agenda item:** 6.3.1

**Title:** [Pre122][406][Relay] Summary of AI 6.3.1 on Rel-17 relay control plane (Huawei)

**Source:** Huawei, HiSilicon

**Document for:** Discussion and decision

1. Introduction

This is to summarize the company contributions in AI 6.3.1.

2. Discussion

## 38.300 CRs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TDoc number | TDoc title | Source | Change summary | Rapp’s suggestions |
| [R2-2305274](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305274.zip) | Correction on direct to indirect path switching | CATT | In subclause 16.12.6.2, for direct to indirect path switch, clarify that RRCReconfiguration message sent to UE happens during step 5, not between step 4 and step 5. | 38.300 CR  The change is technically correct. The moderator suggests to agree the change. Considering there are also some stage 2 changes in other CRs, the moderator suggest to merge the agreeable small changes into one CR. |
| [R2-2305275](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305275.zip) | Correction on the PC5 unicast link release in case of indirect to direct path switching | CATT | 1) In subclause 16.12.6.1, remove “can release PC5-RRC connection and” from the sentence that “Either L2 U2N Relay UE or L2 U2N Remote UE's AS layer can release PC5-RRC connection and indicates upper layers to release PC5 unicast link after receiving the RRCReconfiguration message from the gNB.”  2) In subclause 16.12.6.1, remove the sentence that “The timing to execute link release is up to UE implementation.” | 38.300 CR  The first change is reasonable, as it is to align with TS 38.331 and SA2 specifications. The second change seems not needed, because it is capturing RAN2 agreement. Thus the moderator suggest to agree the first change. |
| [R2-2305587](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305587.zip) | Differentiation of SD-RSRP and SL-RSRP | Nokia, Nokia Shanghai Bell | Added SL-RSRP as an abbreviation to compliment the definition of SD-RSRP and described the intention of the discovery RSRP and communication RSRP. | 38.300 CR  Adding abbreviations for SL-RSRP and SD-RSRP which are used in section 16.12 seems agreeable. |
| R2-2305058 | Miscellaneous corrections for Stage 2 NR sidelink relay | Apple | 1. Replaced the “enable DL bearer mapping between ingress RLC channel and egress RLC channel” with “identify the corresponding end-to-end Uu Radio Bearer(s) of L2 U2N remote UE”  2. Add “L3” in 16.12.3 to restrict preconfiguration to only be used by L3 U2N relay UE for relay discovery transmission.  3. Corrected the SIB indication of “non-relay discovery” with “L2 U2N relay support”.  4. Changed “between step 4 and step 5” to “in the middle of step 5”.  5. Fixed a list of editorial issues mentioned in the reasons of change. | 38.300 CR  The 1st change is reasonable.  The first part in the 2nd change is editorial, and should be ok.  For the last part in the 2nd change, although non-relay discovery is specified in 16.9, it just refer to 16.12.3, so it seems ok to cover some common aspect for “non-relay” in 16.12.3.  The 3rd change is editorial and correct.  The 4th change is correcting a typo.  The most part of 5th and 6th changes are polishing the wording. The last one in 6th change is correct and also proposed in R2-2305274. |
| [R2-2305057](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305057.zip) | Miscellaneous corrections for Stage 2 NR sidelink enhancements | Apple | 1. Add the description for UE interested in ProSe services to treat the frequency providing NR SL configuraiton as the highest priority.  2. Change d“Sidelink discovery” to “non-relay sidelink discovery”.  3. Added the “U2N Relay specific resource allocation mode restriction“ as an exception for NR sidelink discovery.  4. Changed name “SL Retransmission timer” to “SL HARQ retransmission timer”. | Moved to SL session. |

The above CRs are mainly minor changes, thus the moderator suggest to merge the above changes to one CR for miscellaneous corrections. R2-2305058 can be taken as baseline of the misc CR if it is ok to other companies.

**Proposal 1: The following changes are agreeable and can be merged into one mega CR for small stage2 changes, and R2-2305058 can be taken as baseline for the mega CR.**

* **In subclause 16.12.6.2, for direct to indirect path switch, clarify that RRCReconfiguration message sent to UE happens during step 5, not between step 4 and step 5.(R2-2305274)**
* **In subclause 16.12.6.1, remove “can release PC5-RRC connection and” from the sentence that “Either L2 U2N Relay UE or L2 U2N Remote UE's AS layer can release PC5-RRC connection and indicates upper layers to release PC5 unicast link after receiving the RRCReconfiguration message from the gNB.”(R2-2305275)**
* **Added SL-RSRP as an abbreviation to compliment the definition of SD-RSRP and described the intention of the discovery RSRP and communication RSRP. (R2-2305587)**
* **Replaced the “enable DL bearer mapping between ingress RLC channel and egress RLC channel” with “identify the corresponding end-to-end Uu Radio Bearer(s) of L2 U2N remote UE” (R2-2305058)**
* **Add “L3” in 16.12.3 to restrict preconfiguration to only be used by L3 U2N relay UE for relay discovery transmission. (R2-2305058)**
* **Fixed a list of editorial issues mentioned in the reasons of change. (R2-2305058)**

## 38.304 CR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TDoc number | TDoc title | Source | Change summary | Rapp’s suggestions |
| [R2-2305212](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305212.zip) | Clarification on sidelink discovery | ZTE, Sanechips | 1. Add NR sidelink discovery in related places. | 38.304 CR  The above changes are editorial and we understand the similar changes are proposed in some papers submitted to SL session. To avoid duplicated work, the moderator suggest to leave this to SL session. After offline with the proponent, it is preferred that the CR is handled in relay session, thus the moderator suggests to agree the changes and merge them to the IPA 38.304 CR. |

**Proposal 7: The changes in R2-2305212 are agreeable, and can be merged into the CR revised from R2-2306198.**

## 38.331 CRs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TDoc number | TDoc title | Source | Change summary | Rapp’s suggestions |
| [R2-2305215](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305215.zip) | Correction on remote UE’s behavior upon SIB1 reception | Xiaomi | If UE is U2N remote UE, UE can access the cell via relay UE and apply the SIB1 configuration regardless of the legacy UL/DL conditions. | The same change has been discussed in last meeting offline [AT121bis-e][425] section 2.5. There seems to be 3 options:  Option1: the change in procedural text as in [R2-2305215](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305215.zip);  Option 2: add a note as the 1st change in [R2-2306194](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305215.zip);  Option 3: do nothing, means the remote UE can camp on a relay UE only when it can camp on the Uu Cell with respect to Uu bandwidth, frequency, etc.  The moderator suggest to discuss this online. |
| [R2-2305243](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305243.zip) | UE behavior when the NW indicates not supporting discovery | vivo | Section 5.8.13.3 for discovery transmission:   * Added a new clause of condition to perform discovery transmission, i.e., when *sl-L2U2N-Relay-r17, sl-L3U2N-RelayDiscovery* or *sl-NonRelayDiscovery* is included in SIB12. | The CRs in [R2-2305243](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305243.zip), [R2-2305573](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305573.zip), [R2-2306498](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2306498.zip), as well as the 4th change in R2-2306194 are to address the same issue in a slightly different way.  The moderator understands the proposed change in [R2-2305573](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305573.zip) is simpler meanwhile clearer, because it can also cover all the case including remote/relay UE in idle/inactive/connected state.  But the moderator also got some offline comments that the changes should apply to discovery monitoring which seems make sense. Thus the moderator suggest to take [R2-2305573](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305573.zip) as baseline, and revise the CR to include discovery monitoring case as well. |
| [R2-2305573](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305573.zip) | On sidelink discovery transmission upon reception of SIB12 | Nokia, Nokia Shanghai Bell | Added a condition to the transmission of discovery to only be allowed in case the network supports the discovery. |
| [R2-2306498](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2306498.zip) | Correction on Sidelink Discovery Transmissions | Ericsson España S.A. | Section 5.8   * Added text to clarify that the (L2/L3) U2N relay UE is only allowed to configure the lower layers to transmit discovery messages if the corresponding flags have been included in SIB12. * Added text to clarify that the (L2/L3) U2N remote UE is only allowed to configure the lower layers to transmit discovery messages if the corresponding flags have been included in SIB12. * Added text to clarify that for non-relay discovery, the UE is only allowed to configure the lower layers to transmit discovery messages if the corresponding flag has been included in SIB12. * Clarification for the UE to act as a U2N remote UE |
| [R2-2305244](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305244.zip) | Correction on L2 U2N Relay UE behavior upon cell selection | vivo | In clause 5.8.9.10.2, add cell selection condition for L2 U2N Relay UE to trigger sidelink notification procedure.  In clause 5.8.9.10.3, clarify that the L2 U2N Relay UE can set *indicationType* as *relayUE-CellReselection* in case of cell selection. | The change is adding new case of cell selection for notification procedure. Considering cell selection is performed not only for going to idle, e.g. inactive fallback to idle. Going with this way the changes may also affect other procedures, and the usage of notification message is extended. So the moderator thinks either we clarify reconfiguration failure as well as integrity check failure trigger relay UE to release PC5 unicast link as proposed in [R2-2306194](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2306194.zip), or consider those cases as corner cases and leave them to UE implementation. |
| [R2-2305820](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305820.zip) | Non NBC change to SL DRX timers BWP numerology | Nokia, Nokia Shanghai Bell |  | Removed to SL enh session. |
| [R2-2305846](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305846.zip) | Reception of PC5 release message during re-establishment | Lenovo | Observation 1: Based on 5.8.9.10.4, the L2 U2N Remote UE in RRC\_CONNECTED shall initiate the RRC connection re-establishment procedure upon receiving the NotificationMessageSidelink if T301 is not running.  Observation 2: Based on 5.3.7.7 of TS38.331, the L2 U2N Remote UE shall perform the actions upon going to RRC\_IDLE upon receiption of NotificationMessageSidelink indicating relayUE-HO or relayUE-CellReselection if T301 is running.  Proposal 1: Upon PC5 unicast link release indicated by upper layer, L2 U2N Remote UE shall initiate the re-establishment procedure if T301 is not running.  Proposal 2: L2 U2N Remote UE shall enter RRC\_IDLE upon PC5 unicast link release indicated by upper layer if T301 is running. | The moderator understand in current spec in 5.3.7.2 the PC5 link release will trigger remote UE to perform RRC reestablishment procedure, regardless T301 is running or not. So the two cases (T301 running or not) seem already covered. If there is no critical issue with the current spec, the moderator suggests not to further optimize the remote UE behavior by differentiating the two cases. |
| [R2-2305849](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305849.zip) | Correction for release message with re-establishment | Lenovo | In 5.3.7.2, the condition of ‘T301 is not running’ is added to ‘upon PC5 unicast link release indicated by upper layer at L2 U2N Remote UE in RRC\_CONNECTED.  In 5.3.7.7, the condition of ‘upon PC5 unicast link release indicated by upper layer at L2 U2N Remote UE’ is added. |
| [R2-2306115](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2306115.zip) | Corrections on L2 U2N Relay | ASUSTeK | In sub-clause 5.8.9.3, the term “*the UE is acting as L2 U2N Remote UE*” is modified as “*the UE was acting as L2 U2N Remote UE*”.  In sub-clause 5.8.3.2, the term “*in case L2 U2N relay operation*” is modified as “*in case of L2 U2N relay operation*”.  In sub-clause 5.8.6.1, the statement “*The purpose of this procedure is to select a synchronisation reference and used when transmitting NR sidelink communication/discovery*” is modified as “*The purpose of this procedure is to select a synchronisation reference and the procedure is used when transmitting NR sidelink communication/discovery*”. | The first change has been discussed in last meeting offline 425, but companies seem to think there is no misunderstanding without the change, and the moderator also agree.  The 2nd change is editorial and can be merged into rapp CR.  The 3rd change is to Rel-16 v2x wording, thus the moderator suggest not to discuss it here. |
| [R2-2306131](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2306131.zip) | Correction on Sidelink Relay discovery procedure | Philips International B.V. | Change “*sl-RemoteUE-ConfigCommon*” in the above text to “*sl-PreconfigDiscConfig*”. | The change has been agreed in RAN2 #121bis meeting, and reflected in IPA CR R2-2304466. |
| [R2-2306194](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2306194.zip) | RRC corrections for SL Relay | Huawei, HiSilicon | In clause 5.2.2.4.2,   * Add a NOTE that A L2 U2N Remote UE in RRC\_IDLE or RRC\_INACTIVE, which receives SIB1 from its connected L2 U2N Relay UE, can disregard the *frequencyBandList*, *additionalSpectrumEmission*, *carrierBandwidth*, and *frequencyShift7p5khz*. And it may not apply frequency band, channel bandwidth, the configuration included in the *servingCellConfigCommon*, the specified PCCH configuration, *additionalSpectrumEmission*, *additionalPmax*, and *p-Max* of the Uu cell.   In clause 5.3.7.2,   * Add procedural text for L2 U2N Relay UE to perform PC5 unicast link release in case of integrity check failure and connection reconfiguration failure.   In clause 5.5.5.1,   * Replace *maxReportCells* with *maxNrofRelayMeas*   In clause 5.8.13.3,   * Add the condition that only when   *sl-L2U2N-Relay* or *sl-L3U2N-RelayDiscovery* or *sl-NonRelayDiscovery* is included in *SIB12*, a L2 relay UE/remote UE or a L3 relay UE/remote UE or a non-relay UE can perform discovery procedure for RRC\_IDLE or RRC\_INACTIVE state, i.e. if the cell chosen for NR sidelink discovery transmission provides *SIB12*.  In clause 6.3.5,   * Remove “, e.g. SRAP-Config” from the IE description of *SL*-*L2RemoteUE-Config.* | The 1st change is discussed together with [R2-2305215](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305215.zip).  The 2nd change is discussed together with [R2-2305244](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305244.zip) above.  The 3rd change and 5th change are editorial, so can be merged into rapp CR.  The 4th change is covered by [R2-2305573](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_122/Docs/R2-2305573.zip). |
| R2-2305059 | Correction on field description of sl-DestinationIdentityL2U2N | Apple | Removed the L3 Remote UE and L3 Relay UE from the field descriotion of sl-DestinationIdentityL2U2N. | The changes are correct. Since they are more like editorial, the moderator suggests to merge them into rapp CR. |
| R2-2305060 | Corrections on triggering conditons of SUI message for SL relay | Apple | 1. Correted the “non-relay discovery RX” case for SUI initiaiton in 5.8.3.2  2. Replaced the “else” with an explicit list of two “if” consitons when UE is no longer configured by upper layers for L3 U2N or L2 U2N operation in the following cases:  a. RX L3 U2N or L2 U2N relay discovery message  b. TX L3 U2N or L2 U2N relay discovery message  c. TX L3 U2N or L2 U2N relay communication | The first change is correct and can be merged to rapp CR.  Regarding the second change, after offline, the moderator understand the intention is to cover the case that UE may have L2 and L3 service, i.e. as L2 relay and L3 relay at the same time. Assuming the UE first send SUL for L2 communication and L3 communication, but after release one type of communication, it should send updated SUL to network. But the current procedural text seems not able to cover this case. The moderator suggest to modify the change to be more specific:  Add another “if” condition after the last 3> level if conditions, i.e.  3> if…; or  3> if configured by upper layers not to transmit either NR sidelink L2 U2N relay communication or NR sidelink L3 U2N relay communication, and if the last transmission of the SidelinkUEInformationNR message includes both sl-TxResourceReqL2U2N-Relay and  sl-TxResourceReqL3U2N-Relay.  4>  4>  5> initiate transmission of the SidelinkUEInformationNR message to indicate the NR sidelink relay communication transmission resources required by the UE in accordance with 5.8.3.3; |

**Proposal 2: Regarding correction on remote UE’s behavior upon SIB1 reception, RAN2 to discuss the 3 options:**

* **Option 1: change procedural text as in R2-2305215;**
* **Option 2: add a note as the 1st change in R2-2306194;**
* **Option 3: no change, which means the remote UE can camp on a relay UE only when it can camp on the Uu Cell with respect to Uu bandwidth, frequency, etc.**

**Proposal 3: RAN2 to agree that UE is not allowed to perform discovery transmission when the received SIB12 indicates discovery is not supported. The CR in R2-2305573 is taken as baseline, and can be revised to include discovery monitoring case based on further discussion.**

**Proposal 4: Regarding handling of relay UE’s reconfiguration failure and integrity check failure, RAN2 to discuss the 3 options:**

* **Option 1: capture in spec that cell selection can trigger relay UE to send notification message with indication type set to relayUE-CellReselection, as proposed in R2-2305244;**
* **Option 2: capture in spec that relay UE releases the PC5 unicast link upon reconfiguration failure and integrity check failure, as proposed in R2-2306194;**
* **Option 3: no change, which means relay UE’s reconfiguration failure and integrity check failure are considered as corner cases and are left to UE implementation.**

**Proposal 5: The following editorial/small changes are agreeable, and can be merged into a rapporteur CR revised from R2-2306194:**

* **In sub-clause 5.8.3.2, the term “in case L2 U2N relay operation” is modified as “in case of L2 U2N relay operation”.( R2-2306115)**
* **In clause 5.5.5.1, replace maxReportCells with maxNrofRelayMeas (R2-2306194)**
* **In clause 6.3.5, remove “, e.g. SRAP-Config” from the IE description of SL-L2RemoteUE-Config. (R2-2306194)**
* **Remove the L3 Remote UE and L3 Relay UE from the field description of sl-DestinationIdentityL2U2N. (R2-2305059)**
* **in 5.8.3.2, correct the “non-relay discovery RX” case for SUI initiation (R2-2305060)**
* **in 5.8.3.2, add a new if condition of “3> if configured by upper layers not to transmit either NR sidelink L2 U2N relay communication or NR sidelink L3 U2N relay communication, and if the last transmission of the SidelinkUEInformationNR message includes both sl-TxResourceReqL2U2N-Relay and sl-TxResourceReqL3U2N-Relay.” for initiation of SUI transmission for relay communication (R2-2305060)**
* **In 5.3.7.2, add “1> stop timer T301, if running” as suggested by Lenovo if R2-2305849 is not pursued.**

**Proposal 6: The following changes are not necessary, so not pursued:**

* **In 5.3.7.2, the condition of ‘T301 is not running’ is added to ‘upon PC5 unicast link release indicated by upper layer at L2 U2N Remote UE in RRC\_CONNECTED. In 5.3.7.7, the condition of ‘upon PC5 unicast link release indicated by upper layer at L2 U2N Remote UE’ is added. (R2-2305849)**
* **In sub-clause 5.8.9.3, the term “the UE is acting as L2 U2N Remote UE” is modified as “the UE was acting as L2 U2N Remote UE”.(R2-2306115)**

# 3. Conclusion

38.300 corrections

**Proposal 1: The following changes are agreeable and can be merged into one mega CR for small stage 2 changes, and R2-2305058 can be taken as baseline for the mega CR.**

* **In subclause 16.12.6.2, for direct to indirect path switch, clarify that RRCReconfiguration message sent to UE happens during step 5, not between step 4 and step 5.(R2-2305274)**
* **In subclause 16.12.6.1, remove “can release PC5-RRC connection and” from the sentence that “Either L2 U2N Relay UE or L2 U2N Remote UE's AS layer can release PC5-RRC connection and indicates upper layers to release PC5 unicast link after receiving the RRCReconfiguration message from the gNB.”(R2-2305275)**
* **Added SL-RSRP as an abbreviation to compliment the definition of SD-RSRP and described the intention of the discovery RSRP and communication RSRP. (R2-2305587)**
* **Replaced the “enable DL bearer mapping between ingress RLC channel and egress RLC channel” with “identify the corresponding end-to-end Uu Radio Bearer(s) of L2 U2N remote UE” (R2-2305058)**
* **Add “L3” in 16.12.3 to restrict preconfiguration to only be used by L3 U2N relay UE for relay discovery transmission. (R2-2305058)**
* **Fixed a list of editorial issues mentioned in the reasons of change. (R2-2305058)**

38.331 corrections

**Proposal 2: Regarding correction on remote UE’s behavior upon SIB1 reception, RAN2 to discuss the 3 options:**

* **Option 1: change procedural text as in R2-2305215;**
* **Option 2: add a note as the 1st change in R2-2306194;**
* **Option 3: no change, which means the remote UE can camp on a relay UE only when it can camp on the Uu Cell with respect to Uu bandwidth, frequency, etc.**

**Proposal 3: RAN2 to agree that UE is not allowed to perform discovery transmission when the received SIB12 indicates discovery is not supported. The CR in R2-2305573 is taken as baseline, and can be revised to include discovery monitoring case based on further discussion.**

**Proposal 4: Regarding handling of relay UE’s reconfiguration failure and integrity check failure, RAN2 to discuss the 3 options:**

* **Option 1: capture in spec that cell selection can trigger relay UE to send notification message with indication type set to relayUE-CellReselection, as proposed in R2-2305244;**
* **Option 2: capture in spec that relay UE releases the PC5 unicast link upon reconfiguration failure and integrity check failure, as proposed in R2-2306194;**
* **Option 3: no change, which means relay UE’s reconfiguration failure and integrity check failure are considered as corner cases and are left to UE implementation.**

**Proposal 5: The following editorial/small changes are agreeable, and can be merged into a rapporteur CR revised from R2-2306194:**

* **In sub-clause 5.8.3.2, the term “in case L2 U2N relay operation” is modified as “in case of L2 U2N relay operation”.( R2-2306115)**
* **In clause 5.5.5.1, replace maxReportCells with maxNrofRelayMeas (R2-2306194)**
* **In clause 6.3.5, remove “, e.g. SRAP-Config” from the IE description of SL-L2RemoteUE-Config. (R2-2306194)**
* **Remove the L3 Remote UE and L3 Relay UE from the field description of sl-DestinationIdentityL2U2N. (R2-2305059)**
* **in 5.8.3.2, correct the “non-relay discovery RX” case for SUI initiation (R2-2305060)**
* **in 5.8.3.2, add a new if condition of “3> if configured by upper layers not to transmit either NR sidelink L2 U2N relay communication or NR sidelink L3 U2N relay communication, and if the last transmission of the SidelinkUEInformationNR message includes both sl-TxResourceReqL2U2N-Relay and sl-TxResourceReqL3U2N-Relay.” for initiation of SUI transmission for relay communication (R2-2305060)**
* **In 5.3.7.2, add “1> stop timer T301, if running” as suggested by Lenovo if R2-2305849 is not pursued.**

**Proposal 6: The following changes are not necessary, so not pursued:**

* **In 5.3.7.2, the condition of ‘T301 is not running’ is added to ‘upon PC5 unicast link release indicated by upper layer at L2 U2N Remote UE in RRC\_CONNECTED. In 5.3.7.7, the condition of ‘upon PC5 unicast link release indicated by upper layer at L2 U2N Remote UE’ is added. (R2-2305849)**
* **In sub-clause 5.8.9.3, the term “the UE is acting as L2 U2N Remote UE” is modified as “the UE was acting as L2 U2N Remote UE”.(R2-2306115)**

38.304 corrections

**Proposal 7: The changes in R2-2305212 are agreeable, and can be merged into the CR revised from R2-2306198.**

# 4. Comments if any

**If companies have comments on the above proposal, please leave your comments in the following table:**

|  |  |  |
| --- | --- | --- |
| **Company name** | **Proposal number** | **comments** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |