3GPP TSG-RAN WG2 Meeting #119 Electronic R2-22XXXXX

Elbonia, 17 – 26 Aug 2022

**Agenda item: 5.3.1.1.1**

**Source: ZTE Corporation (Rapporteur)**

**Title: Report of [AT119-e][008][NR1516] RRC Conn Control II (ZTE)**

**WID/SID: RRC Conn Control II**

**Document for: Discussion and Decision**

# 1 Introduction

This document is the report of the following email discussion:

* [AT119-e][008][NR1516] RRC Conn Control II (ZTE)

Scope: Treat [R2-2208474](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208474.zip), [R2-2208476](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208476.zip), [R2-2208553](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208553.zip), [R2-2208550](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208550.zip), [R2-2208551](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208551.zip), [R2-2208552](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208552.zip), [R2-2208579](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208579.zip), [R2-2208580](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208580.zip), [R2-2208581](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208581.zip), [R2-2207400](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2207400.zip), [R2-2207401](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2207401.zip), [R2-2208402](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208402.zip), [R2-2208403](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208403.zip), [R2-2208691](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208691.zip). Determine agreeable parts, For agreeable parts, agree CRs.

Intended outcome: Report, Agreed CRs, LS out if applicable

Deadline: Schedule 1

A **first round** with **Deadline for comments W1 Friday August 19th 1900 UTC** to settle scope what is agreeable etc

# 2 Contact Points

Respondents to the email discussion are kindly asked to fill in the following table.

|  |  |  |
| --- | --- | --- |
| Company | Name | Email Address |
| Huawei, HiSilicon | Zhenzhen Cao | caozhenzhen@huawei.com |
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# 3 Discussion

## 3.1 *P0-AlphaSets For Msg.A*

[R2-2208474](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208474.zip) Correction for field description on PUSCH MediaTek Beijing Inc. CR Rel-16 38.331 16.9.0 3423 - F NR\_2step\_RACH-Core

[R2-2208476](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208476.zip) Correction for field description on PUSCH MediaTek Beijing Inc. CR Rel-17 38.331 17.1.0 3424 - A NR\_2step\_RACH-Core

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| --- |
| **Issue:**  Current field descripton for p0-AlphaSets only specify 4-step RACH when no set is configured, 2-step RACH is not specified. |

**Question 1: Do companies think the issue mentioned in R2-2208474/R2-2208476 is valid?**

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| Company | Yes/No | Comments |
| Huawei, HiSilicon | Yes/No | This doesn't seem to be a RAN2 issue. |
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If the issue is valid, companies are invited to provide the comments on the change:

1. Add more field description for p0-AlphaSets when no set is configured to cover power related parameter for 2-step RACH case

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| ***p0-AlphaSets***  configuration {p0-pusch, alpha} sets for PUSCH (except msg3 and msgA PUSCH), i.e., { {p0,alpha,index1}, {p0,alpha,index2},...} (see TS 38.213 [13], clause 7.1). When no set is configured, the UE uses the P0-nominal for msg3 PUSCH and msgA PUSCH, P0-UE is set to 0 and alpha is set according to msg3-Alpha configured for msg3 PUSCH and msgA PUSCH. |

**Question 2: If companies think the issue is valid, do companies agree with above change suggested in R2-2208474/R2-2208476?**

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| Company | Yes/No | Comments |
| Huawei, HiSilicon | No | Should be discussed in RAN1 first, and even it is needed, most likely there should be separate configurations. |
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## 3.2 Bearer Type Change

[R2-2208553](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208553.zip) Considerations on sn-fieldlength change in the case of bearer type change ZTE Corporation, Sanechips, Nokia, Nokia Shanghai Bell, CATT discussion Rel-15 NR\_newRAT-Core

Chair comment: Postponed last meeting

[R2-2208550](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208550.zip) CR on 38.331 for sn-FieldLength change for the case of bearer type change ZTE Corporation, Sanechips, Nokia, Nokia Shanghai Bell, CATT CR Rel-15 38.331 15.18.0 3436 - F NR\_newRAT-Core

[R2-2208551](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208551.zip) CR on 38.331 for sn-FieldLength change for the case of bearer type change ZTE Corporation, Sanechips,Nokia, Nokia Shanghai Bell, CATT CR Rel-16 38.331 16.9.0 3437 - A NR\_newRAT-Core

[R2-2208552](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208552.zip) CR on 38.331 for sn-FieldLength change for the case of bearer type change ZTE Corporation, Sanechips, Nokia, Nokia Shanghai Bell, CATT CR Rel-17 38.331 17.1.0 3438 - A NR\_newRAT-Core

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| **Description of the issue:**  **Observation 1: According to the L2 action of the bearer type change defined in the TS 37.340, the RLC entity of a DRB shall be released in one node and newly established in the other node for bearer type change case (MCG to SCG, or SCG to MCG).**  **Table A-1: L2 handling for bearer type change with and without a security key change due to a change of the termination point.**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Bearer type change from row to col** | **MCG** | | **Split** | | **SCG** | | | **no change of termination point**  **(no key change)** | **change of termination point**  **(key change)** | **no change of termination point**  **(no key change)** | **change of termination point**  **(key change)** | **no change of termination point**  **(no key**  **change)** | **change of termination point**  **(key change)** | | MCG | N/A | PDCP:  Re-establish  MCG RLC:  See Note 1  MCG MAC:  See Note 1  SCG RLC:  No action  SCG MAC:  No action | PDCP: Reconfigure  MCG RLC: No action  MCG MAC: No action  SCG RLC: Establish  SCG MAC: Reconfigure | PDCP:  Re-establish  MCG RLC:  See Note 1  MCG MAC:  See Note 1  SCG RLC:  Establish  SCG MAC:  Reconfigure | PDCP:  Recovery  MCG RLC:  See Note 3  MCG MAC:  Reconfigure  SCG RLC:  Establish  SCG MAC:  Reconfigure | PDCP:  Re-establish  MCG RLC:  See Note 3  MCG MAC:  Reconfigure  SCG RLC:  Establish  SCG MAC:  Reconfigure | | Split | PDCP:  Recovery  MCG RLC:  No action  MCG MAC:  No action  SCG RLC:  See Note 4  SCG MAC:  Reconfigure | PDCP:  Re-establish  MCG RLC: See Note 1  MCG MAC: See Note 1  SCG RLC: See Note 4  SCG MAC: Reconfigure | N/A | PDCP:  Re-establish  MCG RLC:  See Note 1  MCG MAC:  See Note 1  SCG RLC:  See Note 1  SCG MAC:  See Note 1 | PDCP: Recovery  MCG RLC:  See Note 3  MCG MAC:  Reconfigure  SCG RLC:  No action  SCG MAC: No action | PDCP:  Re-establish  MCG RLC:  See Note 3  MCG MAC:  Reconfigure  SCG RLC:  See Note 1  SCG MAC:  See Note 1 | | SCG | PDCP:  Recovery  MCG RLC: Establish  MCG MAC: Reconfigure  SCG RLC: See Note 4  SCG MAC: Reconfigure | PDCP:  Re-establish  MCG RLC:  Establish  MCG MAC:  Reconfigure  SCG RLC:  See Note 4  SCG MAC:  Reconfigure | PDCP:  Reconfigure  MCG RLC: Establish  MCG MAC: Reconfigure  SCG RLC: No action  SCG MAC: No action | PDCP:  Re-establish  MCG RLC:  Establish  MCG MAC:  Reconfigure  SCG RLC:  See Note 1  SCG MAC:  See Note 1 | N/A | PDCP:  Re-establish  MCG RLC:  No action  MCG MAC:  No action  SCG RLC:  See Note 1  SCG MAC:  See Note 1 |   NOTE 3: For EN-DC and NGEN-DC: Re-establishment and release. For NE-DC and NR-DC: Release.  NOTE 4: For NE-DC: Re-establishment and release. For EN-DC, NGEN-DC and NR-DC: Release.  **Observation 2: Given the lack of the *sn-Fieldlength* information of DRBs in the inter-node RRC message, the L2 action to the bearer type change defined in TS 37.340 can not be implemented due to the restriction of ‘*The value of sn-FieldLength for a DRB/multicast MRB shall be changed only using reconfiguration with sync’*** |

**Question 3: Do companies agree with the above issue observed in above?**

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| Company | Yes/No | Technical Arguments |
| Huawei, HiSilicon | Yes | The intention of this CR should be aligned with the intention of the spec text, but the spec may be ambiguous. |
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If companies think the issue is valid, please provide the comments on the below options for resolving above issue:

* **Option 1: Implement the bearer type change via *reconfigurationwithSynch* or bearer add/release, some clarifications in the current TS 37.340 are needed.**
* **Option 2: Loose the restriction of the *sn-fieldlength* change defined in TS 38.331. the correction on TS 38.331 is needed.**
* **Option 2-1: Narrowing down the range of restriction of the *sn-filedlength* change from DRB level to RLC level such as ‘the value of sn-fieldlength of a RLC entity for a DRB shall be changed only using reconfiguration with sync’**
* **Option 2-2: Remove the restriction sentence ‘the value of sn-fieldlength for a DRB shall be changed only using reconfiguration with sync’ in the field description of *sn-FieldLength***
* **Option 3: Include the information element *sn-fieldlength* in the inter-node message, the correction on TS 38.331 is needed, and need send an LS to RAN3.**

**Question 4: If the issue is confirmed, which option do you prefer?**

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| Company | Option | Comments |
| Huawei, HiSilicon | 2-1 | Option 2-1 we think should be original intention of the spec text. |
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For companies who prefer option 2-1, please comments on the corresponding change present in the CR R2-2208550, R2-2208551, R2-2208552:

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| ***R15/R16:***  ***sn-FieldLength***  Indicates the RLC SN field size, see TS 38.322 [4], in bits. Value *size6* means 6 bits, value *size12* means 12 bits, value *size18* means 18 bits. The value of *sn-FieldLength* of a RLC entity for the DRB shall be changed only using reconfiguration with sync. The network configures only value *size12* in *SN-FieldLengthAM* for SRB. |
| ***R17:***  ***sn-FieldLength***  Indicates the RLC SN field size, see TS 38.322 [4], in bits. Value *size6* means 6 bits, value *size12* means 12 bits, value *size18* means 18 bits. The value of *sn-FieldLength* of a RLC entity forthe DRB/multicast MRB shall be changed only using reconfiguration with sync. The network configures only value *size12* in *SN-FieldLengthAM* for SRB. |

**Question 5: If the issue is confirmed, do companies agree with the change provided in R2-2208550/R2-2208551/R2-2208552?**

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| Company | Yes/No | Comments |
| Huawei, HiSilicon | Yes | The changes look good.  For the conditional presence for *Reestab*, “The field is mandatory present at bearer setup” should be “The field is mandatory present at RLC bearer setup.” |
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For companies who prefer option 2-2, please comments on the corresponding change present in the CR R2-2208550, R2-2208551, R2-2208552:

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| **R15/R16:**  ***sn-FieldLength***  Indicates the RLC SN field size, see TS 38.322 [4], in bits. Value *size6* means 6 bits, value *size12* means 12 bits, value *size18* means 18 bits. The network configures only value *size12* in *SN-FieldLengthAM* for SRB. |
| **R17:**  ***sn-FieldLength***  Indicates the RLC SN field size, see TS 38.322 [4], in bits. Value *size6* means 6 bits, value *size12* means 12 bits, value *size18* means 18 bits. The network configures only value *size12* in *SN-FieldLengthAM* for SRB. |

**Question 6: If the issue is confirmed, do companies agree with the change provided in R2-2208550/R2-2208551/R2-2208552?**

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## 3.3 PDCP *discardTimer*

[R2-2208579](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208579.zip) 38.331 cr(Rel-17) correction on the condition of configuring discardTimer Xiaomi CR Rel-17 38.331 17.1.0 3447 - F NR\_newRAT-Core

*Moved from 6.0.3*

[R2-2208580](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208580.zip) 38.331 cr(Rel-16) correction on the condition of configuring discardTimer Xiaomi CR Rel-16 38.331 16.9.0 3448 - F NR\_newRAT-Core

*Moved from 6.0.3*

[R2-2208581](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2208581.zip) 38.331 cr(Rel-15) correction on the condition of configuring discardTimer Xiaomi CR Rel-15 38.331 15.18.0 3449 - F NR\_newRAT-Core

*Moved from 6.0.3*

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| **Issue:**  According to 38.323, it says that:  “a) *discardTimer*  This timer is configured **only for DRBs**. The duration of the timer is configured by upper layers TS 38.331 [3]. In the transmitter, a new timer is started upon reception of an SDU from upper layer.”  However, in 38.331, the discardTimer IE uses condition setup, which has the following condition:  “The field is mandatory present **in case of SRB or DRB setup**. Otherwise the field is optionally present, need M.”  Thus, there is misalignment between 38.331 and 38.323. |

**Question 7: Do companies think the issue raised by R2-2208581 is valid?**

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| Company | Yes/No | Technical Comments |
| Huawei, HiSilicon | No | The current text has no problem. The network will not signal it when it is not needed. |
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If above issue is confirmed, companies are invited to provide the comments on the suggested solution in R2-2208581:

* To align with 38.323 that *discardTimer* is only applicable to DRB.

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| DCP-Config ::= SEQUENCE {  drb SEQUENCE {  discardTimer ENUMERATED {ms10, ms20, ms30, ms40, ms50, ms60, ms75, ms100, ms150, ms200,  ms250, ms300, ms500, ms750, ms1500, infinity} OPTIONAL, -- Cond DRB  pdcp-SN-SizeUL ENUMERATED {len12bits, len18bits} OPTIONAL, -- Cond Setup2  pdcp-SN-SizeDL ENUMERATED {len12bits, len18bits} OPTIONAL, -- Cond Setup2  headerCompression CHOICE {  notUsed NULL,  rohc SEQUENCE {  maxCID INTEGER (1..16383) DEFAULT 15  /\*omit for short\*/  DRB This field is mandatory present when the corresponding DRB is being set up, absent for SRBs. Otherwise this field is optionally present, need M. |

**Question 8: If the issue is confirmed, do companies agree with above change provided in R2-2208581?**

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| Company | Yes/No | Comments |
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## 3.4 DAPS

[R2-2207400](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2207400.zip) Correction to RLF configuration in case of DAPS HO Fujitsu CR Rel-16 38.331 16.9.0 3255 - F NR\_Mob\_enh-Core

[R2-2207401](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_119-e\Docs\R2-2207401.zip) Correction to RLF configuration in case of DAPS HO Fujitsu CR Rel-17 38.331 17.1.0 3256 - A NR\_Mob\_enh-Core

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| **Issue:**  According to current TS 38.331, if any DAPS bearer is configured,   * In case that *rlf-TimersAndConstants* is not configured for a cell group, or the *SpCellConfig* contains the *rlf-TimersAndConstants* but the received *rlf-TimersAndConstants* is set to *release*, the UE shall use values for timers T301, T310, T311 and constants N310, N311 for the target cell group, as included in *ue-TimersAndConstants* received in SIB1.   However, regarding SIB1, UE implementation can be different, including SIB1 for source cell or SIB1 for target cell. Also, UE and gNB may have different understandings on the SIB1. |

**Question 9: Do companies think the issue raised by R2-2207400/R2-2207401 is valid?**

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| Company | Yes/No | Technical Comments |
| Huawei, HiSilicon | Yes |  |
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If above issue is confirmed, companies are invited to provide the comments on the suggested solution in R2-2205563:

The following changes are suggested:

* Add “for the target SpCell” to specify that the UE uses RLF parameters received from target cell for target cell group, in chapter 5.3.5.5.6, 5.3.5.5.7

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| **The First change:** 5.3.5.5.6 RLF Timers & Constants configuration The UE shall:  1> if the received *rlf-TimersAndConstants* is set to *release*:  2> if any DAPS bearer is configured:  3> use values for timers T301, T310, T311 and constants N310, N311 for the target cell group, as included in *ue-TimersAndConstants* received in *SIB1* for the target SpCell;  2> else:  3> use values for timers T301, T310, T311 and constants N310, N311, as included in *ue-TimersAndConstants* received in *SIB1*; |
| **The Second change:** 5.3.5.5.7 SpCell Configuration The UE shall:  1> if the *SpCellConfig* contains the *rlf-TimersAndConstants*:  2> configure the RLF timers and constants for this cell group as specified in 5.3.5.5.6;  1> else if *rlf-TimersAndConstants* is not configured for this cell group:  2> if any DAPS bearer is configured:  3> use values for timers T301, T310, T311 and constants N310, N311 for the target cell group, as included in *ue-TimersAndConstants* received in *SIB1* for the target SpCell;  2> else  3> use values for timers T301, T310, T311 and constants N310, N311, as included in *ue-TimersAndConstants* received in *SIB1*; |

**Question 10: If the issue is confirmed, do companies agree with above change in R2-2207400/R2-2207401**

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| Company | Yes/No | Comments |
| Huawei, HiSilicon | Yes |  |
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[R2-2208402](file:///D:/Documents/3GPP/tsg_ran/WG2/RAN2/2208_R2_119-e/Docs/R2-2208402.zip) Clarification on headerCompression for DAPS bearer ZTE Corporation, Sanechips CR Rel-16 38.331 16.9.0 3416 - F NR\_Mob\_enh-Core

[R2-2208403](file:///D:/Documents/3GPP/tsg_ran/WG2/RAN2/2208_R2_119-e/Docs/R2-2208403.zip) Clarification on headerCompression for DAPS bearer ZTE Corporation, Sanechips CR Rel-17 38.331 17.1.0 3417 - A NR\_Mob\_enh-Core

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| **Issue:**  For DAPS bearers, the PDCP entity is configured with two sets of security functions and keys and two sets of header compression protocols, associated with source cell and target cell, respectively. So the target cell can reconfigure *headerCompression* for PDCP entity associated with DAPS bearer.  According to the field description for *headerCompression*, the network reconfigures *headerCompression* only upon reconfiguration involving PDCP re-establishment, and without any *drb-ContinueROHC*. However, for DAPS bearers, no PDCP re-establishment shall be performed. The network only reconfigures the PDCP entity to configure or release DAPS. |

**Question 11: Do companies think the issue raised by R2-2208402/R2-2208403 is valid?**

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| Company | Yes/No | Technical Comments |
| Huawei, HiSilicon | Yes |  |
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If above issue is confirmed, companies are invited to provide the comments on the suggested solution in R2-2208402/R2-2208403:

The following changes are suggested:

* Update the field description for *headerCompression* to clarify that the network reconfigures *headerCompression* only upon reconfiguration involving PDCP re-establishment or involving PDCP entity reconfiguration to configure or release DAPS, and without any *drb-ContinueROHC*.

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| – *PDCP-Config*   |  | | --- | | ***headerCompression***  If rohc is configured, the UE shall apply the configured ROHC profile(s) in both uplink and downlink. If *uplinkOnlyROHC* is configured, the UE shall apply the configured ROHC profile(s) in uplink (there is no header compression in downlink). ROHC can be configured for any bearer type. ROHC and EHC can be both configured simultaneously for a DRB. The network reconfigures *headerCompression* only upon reconfiguration involving PDCP re-establishment or involving PDCP entity reconfiguration to configure or release DAPS, and without any *drb-ContinueROHC*. Network configures *headerCompression* to *notUsed* when *outOfOrderDelivery* is configured. | |

**Question 12: If the issue is confirmed, do companies agree with above change in R2-2208402/R2-2208403**

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| Company | Yes/No | Comments |
| Huawei, HiSilicon | Yes,but | In the above change, the wording “to configure or release DAPS” has some ambiguities, e.g. it may be understood that non-DAPS bearer(s) will be configured with headerCompression.  So we propose to improve the wording as below:  …. or involving PDCP entity reconfiguration to configure DAPS bear(s) or to release DAPS bear(s) |
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[R2-2208691](file:///D:\Documents\3GPP\tsg_ran\WG2\RAN2\2208_R2_119-e\Docs\R2-2208691.zip) Clarification on reestablishRLC for DAPS HO ZTE Corporation, Sanechips **Late**

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| **Issue:**  *Observation 1: According to the current RRC specs, when the security key is changed for the target cell, the NW should set the reestablishRLC to true for the RLC entity associated with the target cell, regardless of whether the RLC bearer is associated with a DAPS bearer or not.*   |  | | --- | | ***reestablishRLC***  Indicates that RLC should be re-established. Network sets this to *true* at least whenever the security key used for the radio bearer associated with this RLC entity changes. For SRB2, multicast MRBs and DRBs, unless full configuration is used, it is also set to *true* during the resumption of the RRC connection or the first reconfiguration after reestablishment. For SRB1, when resuming an RRC connection, or at the first reconfiguration after RRC connection reestablishment, the network does not set this field to *true.* |   *Observation 2:* *According to the text procedure in 5.3.5.5.4 RLC bearer addition/modification, the UE will not use the reestablishRLC, if the RLC bearer is associated with a DAPS bearer, or if any DAPS bearer is configured and the RLC bearer is associated with an SRB.*   |  | | --- | | 5.3.5.5.4 RLC bearer addition/modification  For each *RLC-BearerConfig* received in the *rlc-BearerToAddModList* IE the UE shall:  1> if the UE's current configuration contains an RLC bearer with the received *logicalChannelIdentity/LogicalChannelIdentityExt* within the same cell group:  2> if the RLC bearer is associated with an DAPS bearer, or  2> if any DAPS bearer is configured and the RLC bearer is associated with an SRB:  3> reconfigure the RLC entity or entities for the target cell group in accordance with the received *rlc-Config*;  3> reconfigure the logical channel for the target cell group in accordance with the received *mac-LogicalChannelConfig*;  2> else:  3> if *reestablishRLC* is received:  4> re-establish the RLC entity as specified in TS 38.322 [4];  3> reconfigure the RLC entity or entities in accordance with the received *rlc-Config*;  3> reconfigure the logical channel in accordance with the received *mac-LogicalChannelConfig*;  3> if *servedMBS-RadioBearer* is received:  4> associate this logical channel with the PDCP entity identified by *servedMBS-RadioBearer*; |   There are some misalignment between the field description of *reestablishRLC* and the text procedure on RLC bearer addition/modification. According to the field description, the NW must configure *reestablishRLC* when the security key used for the radio bearer associated with this RLC entity changes, even if the radio bearer is associated with the DAPS bearer or SRB in DAPS HO. But the UE will ignore this IE based on the text in RRC specs.  So no need such strict restriction on *reestablishRLC* for DAPS bearer and SRB in DAPS HO. |

**Question 13: Do companies agree with the above issue observed in above?**

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| Company | Yes/No | Comments |
| Huawei, HiSilicon | No | It was discussed at RAN2#112-e meeting. In the report below, section 2.3 is about RLC reestablishment discussion for DAPS (for discussing the CR R2-2010297). The majority of views is that in case of DAPS, a new RLC entity is established for the target, so it is not a reconfiguration of source RLC. In addition, lots of companies think if such changes are agreeable, we may have to specify alll cases for RLC re-establishment. In the end, the relevant CR was not agreed.  R2-2010727 [AT112-e][213][MOB] DAPS RRC corrections Ericsson discussion Rel-16 NR\_Mob\_enh-Core, LTE\_feMob-Core  For the issue mentioned in Q13, we understand that RLC re-establishment is not needed, and there is no need to update the current spec. |
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If above issue is valid, companies are invited to provide the comments on the suggested proposal and change in R2-2208691:

The following proposal is suggested to remove the restriction on reestablishRLC for DAPS bearer and SRB in DAPS HO:

**Proposal 1: The NW may or may not configure the *reestablishRLC* for a RLC bearer if the RLC bearer is associated with a DAPS bearer, or if any DAPS bearer is configured and the RLC bearer is associated with an SRB.**

And the corresponding change is provided:

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| – *RLC-BearerConfig*   |  | | --- | | ***reestablishRLC***  Indicates that RLC should be re-established. If the RLC bearer is associated with a DAPS bearer, or if any DAPS bearer is configured and the RLC bearer is associated with an SRB, network may or may not set this to *true*. Otherwise, network sets this to *true* at least whenever the security key used for the radio bearer associated with this RLC entity changes. For SRB2 and DRBs, unless full configuration is used, it is also set to *true* during the resumption of the RRC connection or the first reconfiguration after reestablishment. For SRB1, when resuming an RRC connection, or at the first reconfiguration after RRC connection reestablishment, the network does not set this field to *true.* | |

**Question 14: If the issue is valid, do companies agree with above proposal and change in R2-2208691**

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| Company | Yes/No | Comments |
| Huawei, HiSilicon | No | See our comments for Q13. |
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# 4 Conclusion

TBD.