**3GPP T****SG-RAN WG3 Meeting #116-e R3-223683**

**Electronic Meeting, May 9th – 19th, 2022**

**Agenda item:** 9.1.3.2

**Source:** Intel Corporation

**Title:** Summary of CB: # MRDC3\_ASN

**Document for:** Discussion and Decision

# Introduction

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| [R3-223068](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223068.zip) | Alignment of ASN.1 and tabular for CPC Cancel (Nokia, Nokia Shanghai Bell) | CR0772r, TS 38.423 v17.0.0, Rel-17, Cat. F |
| [R3-223069](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223069.zip) | Alignment of the criticality of CPC Cancel with XnAP ASN.1 (Nokia, Nokia Shanghai Bell) | CR1681r, TS 36.423 v17.0.0, Rel-17, Cat. F |
| [R3-223166](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223166.zip) | CPAC ASN.1 corrections over X2 (Ericsson) | CR1685r, TS 36.423 v17.0.0, Rel-17, Cat. F |
| [R3-223167](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223167.zip) | CPAC ASN.1 corrections over Xn (Ericsson) | CR0785r, TS 38.423 v17.0.0, Rel-17, Cat. F |
| [R3-223496](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223496.zip) | ASN.1 Correction for Rel-17 SCG on SCG Activation Status IE (Intel Corporation) | CR1703r, TS 36.423 v17.0.0, Rel-17, Cat. F |
| [R3-223538](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223538.zip) | Correction on CPAC (Huawei) | CR0828r, TS 38.423 v17.0.0, Rel-17, Cat. F |
| **CB: # MRDC3\_ASN****- Check the details****- Approve the CRs if agreeable**(Intel - moderator)Summary of offline disc [R3-223683](file:///D%3A%5C3GPPmeeting%5C202205%20RAN3%20116e%5CTSGR3_116-e%5CInbox%5CDrafts%5CCB%20%23%20MRDC3_ASN%5CInbox%5CR3-223683.zip) |

For the first round, companies are encouraged to provide comments **until May 11th (Wed) UTC 1000.**

# For the Chairman’s Notes

The following tdocs are up for agreement: TBD

# Discussion (Round 1)

**The criticality of *Conditional PSCell Change Information Confirm* IE:**

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| [R3-223166](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223166.zip) | CPAC ASN.1 corrections over X2 (Ericsson) | CR1685r, TS 36.423 v17.0.0, Rel-17, Cat. F |
| [R3-223167](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223167.zip) | CPAC ASN.1 corrections over Xn (Ericsson) | CR0785r, TS 38.423 v17.0.0, Rel-17, Cat. F |

E/// proposed to change the criticality of this IE in SN CHG CNFM messages from "reject" to "ignore", because the SN should not reject the SN Change procedure if the IE cannot be comprehended.

### **Q1) Any objection? Please share your view.**

|  |  |  |
| --- | --- | --- |
|  **Company** | **Preference** | **Comment** |
| ZTE | Agree with both |  |
| NEC | agree |  |
| Lenovo | Agree |  |
| Huawei | Disagree | In case the CPC information Confirm IE cannot be comprehended, the CPC should be failed, otherwise if we use “ignore”, how can the SN initiated inter-SN CPC move forward? |
| Nokia | All right |  |
| CATT | Agree |  |
| Samsung | Agree |  |
| E/// | Agree | To HW’s question, the concern here is about rejection of the whole SN Change procedure, not just CPC. Also it seems HW says yes to Q2, which is quite similar case. |
| Intel | Agree with both | The *Conditional PSCell Change Information Confirm* IE won't be included in SN CHG CNFM from the beginning if the *Conditional PSCell Change Information Required* IE ("reject") is not received from SN CHG REQD. So, SN won't reject the procedure anyway and we think "ignore" and "reject" doesn't matter..  |

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### **Summary**

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**The criticality of *SCG Activation Status* IEin SGNB ADDTION REQUEST ACKNOWELDGE message:**

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| [R3-223496](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223496.zip) | ASN.1 Correction for Rel-17 SCG on SCG Activation Status IE (Intel Corporation) | CR1703r, TS 36.423 v17.0.0, Rel-17, Cat. F |

Intel proposed to change the criticality of this IE from "reject" to "ignore", because it was mistakenly put it as "reject" when incorporated into the BL CR.

### **Q2) Any objection? Please share your view.**

|  |  |  |
| --- | --- | --- |
|  **Company** | **Preference** | **Comment** |
| ZTE | agree |  |
| NEC | agree |  |
| Lenovo | Agree |  |
| Huawei | ok |  |
| Nokia | All right |  |
| CATT | Agree |  |
| Samsung | Agree |  |
| E/// | Agree |  |
| Intel | Agree |  |

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### **Summary**

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**The criticality of the CPC Cancel procedures:**

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| [R3-223068](file:///D%3A%5C%E4%BC%9A%E8%AE%AE%E7%A1%AC%E7%9B%98%5CTSGR3_116-e%5CDocs%5CR3-223068.zip) | Alignment of ASN.1 and tabular for CPC Cancel (Nokia, Nokia Shanghai Bell) | CR0772r, TS 38.423 v17.0.0, Rel-17, Cat. F |
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Regarding the criticality of the CPC Cancel procedures defined in X2AP and XnAP, there was a misalignment between tabular ("reject") and ASN.1 ("ignore") in XnAP, based on which Nokia proposed to fix/align both X2/XnAP toward "ignore" while Huawei proposed to fix/align to "reject".

### **Q3) Any preference? Please share your view.**

|  |  |  |
| --- | --- | --- |
|  **Company** | **Preference** | **Comment** |
| ZTE | Prefer to “ignore’ | No strong view. Because this is class 2 procedure and for cancel, the “ignore” seems better. |
| NEC | Prefer “ignore” |  |
| Lenovo | Prefer “ignore” | No strong view.  |
| Huawei | Prefer “Reject” | As the CPC cancel is an important feature to be understood by the S-SN, and currently in X2AP it is designed as reject, and in XnAP tabular it is also reject, we only need to update XnAP asn1 to align with others. |
| Nokia | “ignore” | Not a strong opinion, but the question is: what will happen if this message is not understood? In this case, not much, so can be ‘ignore’. |
| CATT | “ignore” |  |
| Samsung | Prefer “ignore” |  |
| E/// | “ignore” | Keep ASN.1 considering the follow-up action if this message is not comprehended. |
| Intel |  | No strong view and will follow the majority. |

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### **Summary**

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# Conclusion

TBD