**3GPP TSG RAN3 meeting #116-e R3-223686**

**9 - 19 May 2022- Online**

**Agenda Item: 9.1.4.2**

**Source: China Unicom (moderator)**

**Title: Summary of Offline Discussion on CB: # QoE3\_ASN**

**Document for: Discussion**

1 Introduction

**CB: # QoE3\_ASN**

**- Check the details**

**- Approve the CRs if agreeable**

(CU - moderator)

Summary of offline disc R3-223686

2 For the Chairman’s Notes

Propose the following:

3 Discussion

The discussion will include all the proposed corrections to the ASN.1 as directed by the chairlady [1-6]. The details need to be checked carefully.

## **3.1 CR to TS 38.413**

As mentioned in R3-223135 [1], it will rely on the discussion results of CB: # QoE2\_Stage3 on UE capability info and alignment of IE naming, the moderator suggests it can be discussed in CB#2 and further updated if needed.

**Please fill in the table in case you have any comment on this CR[1].**

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| Company | Comment |
| CATT | The CR for UE RADIO CAPABILITY INFO INDICATION is pure ASN.1 issue. Agree to handle in stage3 CB.  Also for “the Available RAN Visible QoE Metrics IE in ASN.1 coding” is not pure ASN.1 issue, the tabular needed be aligned. Check whether the stage3 CB include it? |
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In R3-223639[4], the QMCConfigInfo is extended and the corresponding ASN.1 of NGAP have been fixed. Moderator has listed the proposals below:

1. Add “UEAppLayerMeasInformation” and “UEAppLayerMeasInformation-ExtIEs”
2. “uEAppLayerMeasInfoList” => “uEAppLayerMeasInformation”

**companies are welcome to share views on above proposals:**

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| Company | Yes/No to each item | Comment |
| CATT | Yes for both |  |
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## **3.2 CR to TS 38.423**

As proposed in R3-223512 [2] and R3-223665 [6], the *id-UEAppLayerMeasConfigInfo* in section 9.3.7 is not used in the ASN.1, so it is proposed to remove this id.

**Companies are welcome to share views on whether the id-UEAppLayerMeasConfigInfo should be removed?**

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| Company | Yes/No | Comment |
| CATT | Yes |  |
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As shown in R3-223638[3], the QMCConfigInfo is extended and the corresponding ASN.1 of XnAP have been fixed. Moderator has listed the proposals below:

1. “{(SIZE(1..maxnoofUEAppLayerMeas)) OF UEAppLayerMeasInfo-Item” => “uEAppLayerMeasInfoList” and “iE-Extensions
2. Add “UEAppLayerMeasInfoList”
3. Add “QMCConfigInfo-ExtIEs”
4. “QMCInfoConfig-ExtIEs” => “UEAppLayerMeasInfo-Item-ExtIEs”

**Companies are welcome to share views on above proposals:**

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| Company | Yes/No | Comment |
| CATT | Yes |  |
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## **3.2 CR to TS 38.473**

As shown in R3-223640[5], the QoEINFORMATION is extended and the corresponding ASN.1 of F1AP have been fixed. Moderator has listed the proposals below.

1. “QoEInformationList” => “QoEInformation”
2. “id-QoEInformationList” => “id-QoEInformation” in 9.4.4 PDU Definitions and 9.4.7 Constant Definitions
3. Remove “id-QoEInformationList” from 9.4.5 Information Element Definitions
4. Add “QoEInformation” and “QoEInformation-ExtIEs”

**Companies are welcome to share views on above proposals:**

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| Company | Yes/No | Comment |
| CATT | Yes |  |
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4 Conclusion, Recommendations [if needed]

If needed.

5 Reference

1. R3-223135, CR to TS 38.413 on ASN.1 corrections of QoE measurement (China Unicom) CR0780r, TS 38.413 v17.0.0, Rel-17, Cat. F
2. R3-223512, CR to 38.423 for ASN.1 Corrections on NR QoE (CATT) CR0824r, TS 38.423 v17.0.0, Rel-17, Cat. F
3. R3-223638, CR to 38.423 on ASN.1 correction (Huawei) CR0841r, TS 38.423 v17.0.0, Rel-17, Cat. F
4. R3-223639, CR to 38.413 on ASN.1 correction (Huawei, China Unicom) CR0842r, TS 38.413 v17.0.0, Rel-17, Cat. F
5. R3-223640, CR to 38.473 on ASN.1 correction (Huawei, China Unicom, China Mobile) CR0958r, TS 38.473 v17.0.0, Rel-17, Cat. F
6. R3-223665, ASN.1 Correction for 38.423 on NR QoE (ZTE) CR0846r, TS 38.423 v17.0.0, Rel-17, Cat. F