

3GPP TSG-RAN WG3 Meeting #115-e R3-222438

Online, 21st Feb– 3rd Mar 2022

Agenda item: 15.1

Source: China Unicom (moderator)

Title: Summary of offline: QoE1_Workplan_BLCRs

Document for: Discussion

1 Introduction

This paper summarizes the following email discussion:

CB: # QoE1_Workplan_BLCRs

- Check work plan, revise if needed

- Endorse BL CRs if agreeable

(CU - moderator)

[NWM] Summary of offline disc R3-222438

There are 7 contributions [1]-[7] submitted in this sub-item.

2 For the Chair's Notes

Endorse BL CR in R3-221535.

Endorse BL CR in R3-222742. (R3-221560 is revised in R3-222742)

Endorse BL CR in R3-221561.

Endorse BL CR in R3-221566.

Endorse BL CR in R3-221590.

Agree TP in R3-222227.

Note the work plan.

3 Discussion

3.1 Work plan

The work plan in R3-221908[6] is updated to provide an open issue list closed in RAN3 #114bis-e meeting and remaining open issues to be discussed in RAN3#115-e meeting.

Feedback Form 1: Please fill in the table in case you have any comments on the work plan.

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3.2 BLCRs

The following BLCRs are submitted for endorsement.

Table 1:

R3-221535	CR TS 38.423 Mobility Support for NR QoE Measurement Collection (Ericsson, Samsung)	CR0639r6, TS 38.423 v16.8.0, Rel-17, Cat. B
R3-221560	BLCR to 38.300 (China Unicom, Ericsson, ZTE, Huawei, Nokia, Nokia Shanghai Bell, Samsung)	draftCR
R3-221561	BLCR to 38.410: Support of QoE Measurement Collection for NR (Nokia, Nokia Shanghai Bell)	CR0034r3, TS 38.410 v16.4.0, Rel-17, Cat. B
R3-221566	CR to 38.413 on Introduction of QoE measurement (Huawei, China Mobile, China Unicom, Ericsson, Samsung)	CR0615r7, TS 38.413 v16.8.0, Rel-17, Cat. B
R3-221590	(BL CR for TS38.473) Support of QoE information transfer (Samsung)	CR0826r5, TS 38.473 v16.8.0, Rel-17, Cat. B
R3-222227	(TP for NR QoE for BL CR 38.413) Rapporteur corrections and clean-ups (Huawei)	discussion

3.2.1 BLCR to 38.423

R3-221535[1] is proposed as BLCR to 38.423 where QoE-specific IEs are introduced in Handover Preparation and Retrieve UE Context procedures. The new QMC Information IE and IEs therein are defined.

Feedback Form 2: Please fill in the table in case you have any comment on the BLCR to 38.423.

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3.2.2 BLCR to 38.300

R3-221560[2] is proposed as BLCR to 38.300 for adding stage-2 related TP agreed in RAN3#114bis-e.

Feedback Form 3: Please fill in the table in case you have any comment on the BLCR to 38.300.

<p>1 – Nokia France</p> <ul style="list-style-type: none">- Cover-page: remove (accept) track changes- Clause 3.2: track changes missing for new abbreviations (MCE, QoE, TCE, ...?)- Clause X: new text (i.e. the entire clause with sub-clauses) to be introduced using track changes
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3.2.3 BLCR to 38.410

R3-221561[3] is proposed as BLCR to 38.410 for introduction of QMC function and QMC procedures.

Feedback Form 4: Please fill in the table in case you have any comment on the BLCR to 38.410.

<p>1 – Ericsson LM</p> <p>We tried 2 or 3 times before to propose clarifications to this BL CR during BL CR review, why are they being ignored? The current BL CR text is inaccurate.</p>
<p>2 – Nokia France</p> <p>after some offline checking with E///, it seems that nothing was ignored</p>

3.2.4 BLCR to 38.413

R3-221566[4] is proposed as BLCR to 38.413 for introducing the support of (de)activation of NR QoE measurement procedure.

To add the support of NR QoE measurement configuration, including:

- introduce Application layer measurement configuration including, the radio related measurement results required, the slice info, service type, etc.

- introduce the application layer measurement release in the deactivate trace message.

To add RAN visible QoE metrics over NG

To add MDT alignment related configuration

Feedback Form 5: Please fill in the table in case you have any comment on the BLCR to 38.413.

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3.2.5 BLCR to 38.473

R3-221590[5] is proposed as BLCR to 38.473 for RAN visible QoE to support the QoE information transfer.

Feedback Form 6: Please fill in the table in case you have any comment on the BLCR to 38.473.

1 – Ericsson LM The following sentence is not OK, we should strictly avoid specifying use cases: <i>The gNB-DU considers QoE information for scheduling.</i>
2 – Samsung R&D Institute UK every transmission of a message or information has its own purpose, something is needed to be specified, how about we specify it as below: "the gNB-DU considers QoE information for radio network optimization e.g. scheduling"
3 – Nokia France Agree with E/// we should not start capturing use cases for rvqoe, neither in stage 2 nor in stage 3

3.3 TP

R3-222227[7] tries to make clean-ups and editorial corrections to the latest BL CR to 38.413 from the BL CR Rapporteur.

Feedback Form 7: Please fill in the table in case you have any comments on this TP.

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4 Conclsions, Recommendations

Regarding the comments for BL CR to TS 38.473 raised by Ericsson and Nokia in CB#QoE1, the corresponding TP is treated in CB#QoE5_RVQoE as the rapporteur and moderator are both agreed.

5 References

- [1] R3-221535 CR TS 38.423 Mobility Support for NR QoE Measurement Collection (Ericsson, Samsung)
- [2] R3-221560 BLCR to 38.300 (China Unicom, Ericsson, ZTE, Huawei, Nokia, Nokia Shanghai Bell, Samsung)
- [3] R3-221561 BLCR to 38.410: Support of QoE Measurement Collection for NR (Nokia, Nokia Shanghai Bell)
- [4] R3-221566 CR to 38.413 on Introduction of QoE measurement (Huawei, China Mobile, China Unicom, Ericsson, Samsung)
- [5] R3-221590 (BL CR for TS38.473) Support of QoE information transfer (Samsung)
- [6] R3-221908 Updated Workplan for Rel-17 NR QoE (China Unicom)
- [7] R3-222227 (TP for NR QoE for BL CR 38.413) Rapporteur corrections and clean-ups (Huawei)