3GPP TSG RAN WG2 #112e R2-20xxxxx

Electronic meeting, 2 – 13 November, 2020

Agenda Item: 8.14 NR QoE

Source: Ericsson

Title: Handling of RAN3 LS on QoE Measurement Collection

Document for: Discussion and Decision

# Introduction

This to handle offline discussion #038 related to incoming LS R2-2008728 [1].

# Discussion

## LS comments and reply

In the LS R2-2008728 the following is stated:

“RAN3 has discussed the transport of NR QoE reports and agreed that the NR QoE reports are carried over the control plane in the RAN.”

Rapporteur’s comment: It is the rapporteur’s understanding that this means that NR QoE reports are sent over an SRB via RRC signalling. It is also the rapporteur’s understanding that it is RAN2 who decides what is sent in RRC signalling. Therefore, this needs to be discussed in RAN2 also. At least the following options are possible:

1. Send QoE reports via a separate SRB4 as in LTE.
2. Send QoE reports on another SRB.
3. Send QoE reports over user plane (not inline with RAN3 agreement).
4. Cannot be decided now. Needs to be discussed in RAN2 based on contributions.
5. …

Q1: What is your preferred option?

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| Company | Comments |
| Nokia, Nokia Shanghai Bell | 4. It cannot be decided now. It may be decided after SI conclusion.  We are fine do confirm the CP framework is feasible from RAN2 perspective and RRC signaling could be used, but for conclusions on detailed realization it is too premature. However, RAN2 did not start a study phase yet.  In our understanding QMC feature require overview, as there are discrepancies between RAN2 assumptions (expectations) and SA5/4 design (please see [RP-181640](http://3gpp.org/ftp/tsg_ran/TSG_RAN/TSGR_81/Docs/RP-181640.zip) targeting Trace/MDT framework and TS36.300, section 23.16 and further how it was designed in SA4/SA5). There are fundamental unclarities, that should be understood first, before deciding which SRB is to be used. Also in our understanding nature of QMC reports may change in NR, therefore we should first study the contents to see what is the most reasonable way to carry them. We do not favor copying LTE solutions that have misconception between RAN and SA.  We would like to also point out the findings on RAN2 and SA4/5 discrepancies to pay other groups attention to fundamental assumptions that need to be understood, before entering the phase of enhancing already the (LTE) baseline. |
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# Summary and proposal

TBD

# References

1. R2-2008728, LS on Transport of NR QoE Reports in the RAN (R3-205785; contact: Ericsson) RAN3 LS in Rel-17 FS\_NR\_QoE To:RAN2