**3GPP TSG-RAN WG3 Meeting #117-bis-e *R3-22xxxx***

***E-meeting, 10-18 Oct 2022***

**Title: LS on RAN visible QoE value**

**Response to:**

**Release: Release 18**

**Work Item: NR QoE management and optimizations for diverse services (NR\_QoE\_enh)**

**Source: RAN3**

**To: SA4**

**Cc: RAN2**

**Contact person: Jingcong Sun**

 **Sunjingcong@huawei.com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:** **None**

1 Overall description

RAN3 would like to inform SA4 that RAN3 has agreed to introduce RAN visible QoE enhancements for QoE value. RAN3 also agree that the definition of QoE value should be examined by SA4, RAN3 would like to ask SA4 to discuss how to define QoE value.

In the meanwhile, RAN3 would like to provide the following guidance and requirements for defining the QoE value:

1. It is RAN3’s understanding that QoE value should be able to reflect the overall situation of the experience of an ongoing service, like MOS value for audio, which could be useful for RAN to take further actions if RAN is aware of such value.
2. QoE value should be generated based on multiple QoE metrics, not limited to only RAN visible QoE metrics.
3. QoE value is used by the RAN node for radio resource optimization, and can save on uplink RRC signaling, compared with transferring multiple QoE metrics.

Based on the above, RAN3 has the following question to SA4:

* Is it possible to define a QoE value which satisfies the requirements listed above? Or does SA4 has any concerns?

2 Actions

**To SA4:**

**ACTION: RAN3 kindly asks SA4 to take the guidance into account and provide feedback to the question.**

3 Dates of next RAN3 meetings

RAN3#118 2022-11-14 - 2022-11-18 Toulouse, FR

RAN3#119 2023-2-27 - 2023-3-3 Athens, GR