**3GPP TSG-RAN WG3 Meeting #114bis-eR3-221464**

**Online, January 17th – 26th 2022**

**Title:** LS on Support for Configuration and Reporting of RAN Visible QoE Measurements

**Response to:** -

**Release:** Rel-17

**Work Item:** NR\_QOE-Core

**Source:** RAN3

**To:** SA4

**Cc:** RAN2

**Contact Person:**

 **Name:**  Filip Barać

**E-mail Address:** filip.barac@ericsson.com

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

**Attachments:** -

**1. Overall description:**

RAN3 has agreed to support the following RAN visible QoE metrics generated by the UE Application layer for DASH and VR service types:

* Buffer Level (as defined in TS 26.247)
* Playout Delay for Media Startup (as defined in TS 26.247)

The RAN visible QoE metrics are supposed to be readable by the NG-RAN, which means that the RAN visible QoE report should be sent to the NG-RAN as explicit IEs outside the QoE report container.

Moreover, RAN3 also agreed the following:

* **Include PDU session ID in RVQoE report, FFS on Slice information.**
* **RAN visible QoE reports and legacy QoE reports can use different periodicity, the reporting periodicity can be ms120, ms240, ms480, ms640, ms1024, FFS for ms2048, FFS for (ms5120, ms10240, ms20480, ms40960, min1, min6, min12, min30, min60).**

The format of PDU Session ID is INTEGER (0..255), and it is provided per *measConfigAppLayerId*. The *measConfigAppLayerId* is a part of the legacy QoE configuration sent to the UE Application layer, as per RAN2 agreement.

The latter agreement implies that the legacy QoE and RAN visible QoE can be reported at the periodicity of legacy QoE, but that RAN visible QoE reporting also supports additional periodicities, listed above.

**2. Actions:**

**To 3GPP SA4**

**ACTION:**

RAN2 will provide the detailed content of the RAN visible QoE configuration and report, once they complete their work. RAN3 respectfully asks SA4 to take the RAN3 agreements into account and provide the necessary specification support accordingly.

**3. Date of next TSG RAN WG3 meeting:**

RAN3#115-e February 21st  - March 3rd 2022 Online