**3GPP T****SG-RAN WG3 Meeting #110e R3-207097**

**2th Nov - 12th Nov 2020**

**Agenda item:** 15.1

**Source:** China Unicom

**Title:** revised work plan for NR QoE SI

**Document for:** Discussion and Decision

Introduction

This document is proposed for discussion on the update of time plan for the “NR QoE Management and Optimizations for Diverse Services SI” as defined in RP-193256 [1].

Discussion

TU handling until June 2021 of different RAN WGs was discussed in RAN #89-e and the TU allocated for NR QoE SI is as follows [2]:

|  |  |  |  |
| --- | --- | --- | --- |
| NR QoE SI | **2020** | | **2021** |
|  | Q3 | Q4 | Q1 |
| **RAN2** | #111(0 TU) | #112(0 TU) | #113(0.5 TU) |
| **RAN3** | #109 (1 TU) | #110 (1 TU) | #111(1 TU) |

**Observation 1: In RAN2, the time budget for NR QoE SI is 0TU before the last RAN2 meeting during the SI stage.**

At last RAN3 #109 meeting, LS [3] was sent to RAN2 to inform them that UP solution is precluded and the NR QoE reports are carried over CP from RAN3 point of view.

It is predictable that more conclusions will be made in this meeting (i.e. RAN3 #110) and much of them will be closely related to RAN2. Therefore, the terms of reference for this SI should be clarified for RAN2 and one more LS with specific tasks is essential to achieve high-efficient discussion since only 0.5 TU is available at last RAN2 meeting.

**Proposal 1: Send one merged LS to RAN2 with specific issues, detailed content is pending the final conclusions of all CBs.**

Schedule

|  |  |
| --- | --- |
| **Meeting** | **Description** |
| **RAN3#106 ( November, 2019)** | * Agreement on SI in RAN3 |
| **RAN#86 (December 2019)** | * Approval of SID in RAN |
| **RAN3#109 (August 2020)** | * Discussion on the scope, time plan and TR skeleton * Consider technical input contributions on   + Discussion on the high-level solution(s) for NR QoE framework   + Key QoE metrics of 5G services for network management and optimization.   + Candidate solution (i.e. CP solution). Study CP solution or study other solution to relieve the load of SRB.   + Discussion on new solution to fulfill new service and new metrics. Some key metrics could be defined as new IE, which can be beneficial for resource allocation and optimization. |
| **RAN#89 (September 2020)** | * Update the status of project progress |
| **RAN3#110 (November 2020)** | * Discussion on technical input contributions on   + Discussion on slicing-related issues   + framework for triggering, configuring, collection and reporting of NR QoE measurement   + RAN awareness of QoE measurement results   + Mobility support   + Potential impact on existing protocols and interfaces. |
| **RAN#90 (December 2020)** |  |
| **RAN2#113 (January 2021)** | * Discussion on technical input contributions on   + RAN2 related work based on RAN3 conclusion |
| **RAN3#111 (January 2021)** | * Discussion on technical input contributions on   + TPs for TR 38.890.   finalizing the open issues and capture the agreements in TR |
| **RAN#91 (March 2021)** | **Approve TR** |

References

1. RP-193256: " New SID: Study on NR QoE management and optimizations for diverse services "
2. RP-202111: " Release, Meeting and TU planning "
3. R3-205785: " LS on Transport of NR QoE Reports in the RAN "