**3GPP TSG RAN meeting #93e RP-212035**

**Electronic Meeting, September 13 - 17, 2021**

## Status Report to TSG

**Agenda item:** 9.2.2

|  |  |
| --- | --- |
| **WI / SI Name** | Study on scenarios and requirements of in-coverage, partial coverage, and out-of-coverage NR positioning use cases |
| included in this status report | Study Item: Yes | Core part: No | Performance part:No | Testing part:No |
| **Acronym** | FS\_NR\_pos\_cov |
| **Unique ID** | 880075 |
| **TSG Tdoc of latest approved WI/SI description (if any)** | RP-201518 |
| **Target Completion Date****(indicate if changed)** | Study Item: 09/2021 | Core part: mm/yyyy | Performance part: mm/yyyy | Testing part: mm/yyyy |
| **Overall Completion level** | Study Item: 100% | Core part: xx% | Performance Part: xx% | Testing part: xx% |

Note: Overall completion level percentage numbers should use one of the colors below:

* xx%: Normal progress, no RAN plenary action needed
* xx%: Progress behind schedule, may need RAN plenary intervention. If so, SR should clearly define requested action
* xx%: Progress critically behind, RAN plenary shall intervene. SR should define requested action

**Source:**

|  |  |
| --- | --- |
| **Leading WG** | RAN |
| **Rapporteur** | **Name** | Hanbyul Seo |
| **Company** | LG Electronics |
| **Email** | hanbyul.seo@lge.com |

## 1 Work plan related evaluation

|  |  |
| --- | --- |
| **Do you want to modify the time budget for this WI/SI compared to what was endorsed at the last RAN meeting?** | No |

*If you answered No: Then please remove the Excel file from the zip file of this status report.*

*If you answered Yes: Then please fill out the attached Excel template to request a modification of the time budgets for your WI /SI. The Excel table has to be filled out for all affected RAN WGs and up to the target date of the WI/SI. The basis are the endorsed time budgets of the last RAN meeting. Please highlight all changes of the values.
 One time unit (TU) corresponds to ~ 2 hours in the meeting.
 If this status report covers a WI with Core and Performance part, then please have one line for each in the attached Excel table.
 Note: If no Excel table is attached, then this means no time budget change.*

**Additional explanations/motivations for the time budget changes in the attached Excel table:**

## 2. Detailed progress in RAN WGs since last TSG meeting (for all involved WGs)

 NOTE: Agreements and Open issues impacted cross-TSG aspects shall be explicitly highlighted

## 2.1 RAN

#### 2.1.1 Agreements

* pCR in RP-212037 is agreed to be included in TR 38.845.
* RP-212038 is endorsed as TR 38.845 v2.0.0.
* An LS in RP-212584 is approved to deliver TR 38.845 to 5GAA WG4 and SAE Advanced Application Technical Committee.

#### 2.1.2 Remaining Open issues

## 3. Detailed progress in SA/CT WGs since last TSG meeting (for all involved WGs)

NOTE: This section only needs to be filled in for WI/SIs where there is a corresponding relevant WI/SI in SA/CT.

3.1 SAx/CTs

3.1.1 Agreements with cross-TSG impacts

3.1.2 Remaining Open issues with cross-TSG impacts

## NOTE: This section should also flag any critical dependencies that need TSG attention.

## 4. References

NOTE: This can be e.g. a list of all related Tdocs in the affected WGs since last TSG, references to LSs, produced TRs/TSs, the work/study item description or status reports of previous TSGs.

1. RP‑211808 Input to network coverage scenario for V2X and PS Positioning OPPO
2. RP‑212004 Input to conclusions for study on scenarios and requirements for NR positioning use cases Intel Corporation
3. RP‑212022 Discussion of scenarios and requirements of in-coverage, partial coverage, and out-of-coverage NR positioning use cases vivo
4. RP‑212036 Discussion and proposed changes for positioning for V2X and public safety LG Electronics
5. RP‑212037 pCR to TR 38.845: Positioning scenarios and requirements for V2X and public safety LG Electronics
6. RP‑212105 Input to conclusions for in-coverage, partial-coverage, and out-of-coverage NR positioning use cases Qualcomm Incorporated
7. RP‑212131 Discussion on scenarios and requirements of in-coverage, partial coverage, and out-of-coverage positioning use cases Huawei, HiSilicon
8. RP‑212132 pCR to TR 38.845 for SL positioning Huawei, HiSilicon
9. RP‑212410 Further Discussion on scenarios and requirements of in-coverage, partial coverage, and out-of-coverage NR positioning use cases ZTE, Sanechips
10. RP‑212498 Remaining issues for SI the scenarios and requirements for in-coverage, partial coverage, and out-of-coverage NR positioning use cases Ericsson
11. RP‑212460 Remaining issues on deployment and operational scenarios Lenovo (Beijing) Ltd, Motorola Mobility
12. RP‑212038 TR 38.845 v2.0.0 on Study on scenarios and requirements of in-coverage, partial coverage, and out-of-coverage NR positioning use cases LG Electronics
13. RP‑212550 Moderator's summary for discussion [93e-10-SL-Positioning-TR] LG Electronics
14. RP‑212584 [Draft] LS on 3GPP RAN study on scenarios and requirements of in-coverage, partial coverage, and out-of-coverage positioning use cases (to: 5GAA WG4, SAE Advanced Application Technical Committee; cc: -; contact: LG Electronics) LG Electronics