3GPP TSG-RAN WG3 Meeting #120 R3-233379

**May 22– 26, 2023**

**Agenda item: 10.2.1**

**Source: Samsung**

**Title:** **(TP for SON BLCR for 37.340) SON enhancement for SHR and SPR**

**Document for: Discussion and Decision**

# **1 Introduction**

This contribution provided the TP for SON BLCR for TS37.340 on SHR and SPR.

# **TP for TS37.340**

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [1] and TS 36.300 [2].

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SMTC SS/PBCH block Measurement Timing Configuration

SN Secondary Node

V2X Vehicle-to-Everything

SPR Successful PSCell Report

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Next change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

10.18.X Successful PSCell Change Report

The objective of successful PSCell change report is to detect failure events observed during successful PSCell change or PSCell addtion.

For PSCell addition/CPA, SN and MN initiated PSCell change/CPC, the target SN node decides the T304 trigger and performs root cause analysis.

For SN-initiated PScell change the source SN node decides the T310/T312 triggers and performs root cause analysis.

The SPR can be fetched from the UE by the MN or a node different from the MN that sent the SPR configuration to the UE. In case the SPR is retrieved in a node different from the MN that sent the SPR configuration to the UE, the SPR is forwarded to the MN which then forwards to the respective SN(s) which should perform the SPR optimization.