**-3GPP TSG RAN WG1 #122bis R1-250XXXX**

**Prague, Czech, Oct 13th – 17th, 2025**

Agenda Item: 7

Source: Ad-Hoc Chair (Ericsson)

Title: Session notes for AI 7 (Pre-Rel-19 NR Maintenance)

Document for: Discussion, Decision

# Pre-Rel-19 NR Maintenance

***Only essential corrections*** *– a rejected draft CR will be marked in red*

***For maintenance on RAN1 specifications, individual draft CRs are to be submitted. For more efficient review, please use/fill the release and WI code fields when requesting tdoc numbers for draft CRs. Final endorsed CR will be sourced by “Moderator (company name)” and other co-sourcing companies (if any).***

**Maintenance issues on Pre-Rel-19 NR will be discussed in RAN1 adhoc1 session (chaired by Sorour).**

**POS SRS FH**

R1-2507194 UE features for positioning SRS frequency hopping for RedCap UE ZTE Corporation, Sanechips

R1-2507914 Discussion on UE capabilities for UTW Huawei, HiSilicon

**LTM**

R1-2507349 On per-band capabilities for inter-frequency LTM Ericsson

R1-2507870 Draft CR on simultaneous BWP operation for LTM PRACH and legacy BWP operation MediaTek Inc.

R1-2507921 Correction to L1-RSRP reporting in UCI for LTM in TS38.212 Huawei, HiSilicon

**RACH-less handover (Consider corresponding LS)**

R1-2507133 Draft CR for RACH-less handover OPPO

R1-2507310 Draft CR for TS 38.213 on RACH-less handover LS NEC

R1-2507450 Sequence generation for uplink DM-RS in NTN RACH-less HO or RACH-less LTM in TS 38.211 Ofinno

R1-2507893 Draft Rel-18 CR for RACH-less handover Ericsson

R1-2507894 Draft Rel-19 CR for RACH-less handover Ericsson

R1-2507891 Draft Rel-18 CR for RACH-less handover Ericsson

(Withdrawn)

R1-2507892 Draft Rel-19 CR for RACH-less handover Ericsson

(Withdrawn)

**DFT-s-OFDM with PTRS**

R1-2506779 Draft CR on DFT operation for a PUSCH with PTRS ZTE Corporation, Sanechips

**HARQ**

R1-2507200 Draft CR on Type-2 HARQ-ACK codebook for sidelink ZTE Corporation, Sanechips

R1-2507314 Corrections on Type-2 HARQ-ACK codebook in Rel-17 NEC

R1-2507351 Draft CR on HARQ-ACK bit ordering for multi-PDSCH scheduling LG Electronics, Xiaomi

R1-2507923 Correction on HARQ process for Rel-17 52\_71GHz spectrum Huawei, HiSilicon

**UE Power saving**

R1-2506959 Discussion on PDCCH monitoring behaviours for SSSG switching Xiaomi

R1-2507693 Determination of SSSG index in a newly activated SCell Qualcomm Incorporated

R1-2507451 Draft CR on PDCCH skipping after successful RAR reception in a contention-free random access Ofinno

**Redcap**

R1-2507340 Correction to the RedCap HD-UE PRACH vs. DL RS prioritization procedure Nokia

**Positioning**

R1-2507448 Aperiodic SRS Frequency Hopping Discussion Ofinno

R1-2507449 Draft CR on AP positioning SRS frequency hopping Ofinno

R1-2507912 Discussion on aperiodic SRS with frequency hopping Huawei, HiSilicon

R1-2507913 DraftCR on correction to aperiodic SRS with frequency hopping Huawei, HiSilicon

**Channel modelling**

R1-2507785 Discussion on UL and DL reciprocity modelling Ericsson

R1-2507786 Draft CR on UL and DL reciprocity modelling Ericsson

**DSS**

R1-2507926 Correction on higher layer parameter for Rel-18 DSS to Rel-18 Huawei, HiSilicon

**MIMO**

R1-2507563 Discussions on CSI-RS resources counting for beam management Sharp

R1-2507564 Draft CR on CSI-RS resources counting for beam management Sharp

R1-2507565 Discussions on CSI report priority and CPU occupation for P3 procedure Sharp

R1-2506869 Draft CR on two TAG operation (Rel-18) vivo

R1-2506870 Draft CR on two TAG operation (Rel-19 mirror) vivo

R1-2507048 Draft CR on two TAs for MDCI in TS 38.213 ZTE Corporation, Sanechips

R1-2506960 Draft CR on SFN-scheme dynamic switching for Rel-18 in TS 38.214 Xiaomi

R1-2507047 Draft CR on parameters for enhanced DMRS in TS 38.211 ZTE Corporation, Sanechips

R1-2507049 Draft CR on power scaling for STxMP in TS 38.213 ZTE Corporation, Sanechips

R1-2507050 Draft CR on the indicated TCI-state and UL-TCI state in TS 38.213 ZTE Corporation, Sanechips

R1-2507090 Correction on power control for SRS antenna switching CATT

R1-2507091 Correction on determination of power control adjustment state for UL transmission CATT

R1-2507092 Correction on determination of power control parameters during link recovery procedures CATT

R1-2507132 Draft CR for priority formula for doppler codebook OPPO

R1-2507317 Draft CR on priority formula for predicted CSI in TS38.214 NEC

R1-2507318 Draft CR on PUSCH ports mapping for multi-panel SFN in TS38.214 NEC

R1-2507788 Draft CR on SRI in STxMP SFN non-codebook PUSCH NTT DOCOMO, INC.

R1-2507789 Draft CR on SRI in STxMP SFN non-codebook PUSCH NTT DOCOMO, INC.

R1-2507319 Draft CR on SRS ports mapping in one symbol in TS38.214 NEC

R1-2507514 Draft CR on TDCP Report Configuration Google

R1-2507931 Correction on the condition for the number of UL PTRS ports in 38.214 Huawei, HiSilicon

R1-2507093 Draft CR on determination of cyclic shift for PRACH transmission in 2TA CATT

R1-2507932 Correction on PRACH sequence generation and baseband signal generation in 38.211 Huawei, HiSilicon

R1-2507934 Discussion on the lowest numbered resource block for PRACH baseband signal generation Huawei, HiSilicon

R1-2507935 Correction on the lowest numbered resource block for PRACH baseband signal generation in 38.211 Huawei, HiSilicon