**3GPP TSG-RAN WG2 Meeting #119bis electronic R2-2xxxxxx**

Online, October, 2022

Agenda Item: xx

Source: Session chair (CMCC)

Title: Report from SON/MDT session

Document for: Approval

**Organizational:**

1. LSs – contact companies should flag LSs that need presenting. Otherwise we will directly note them
2. Running CRs will be endorsed to be used as baseline and moved to email discussion. Further agreements will be captured on that baseline CR.
3. Only Email discussions and summary discussions will be treated during e-meetings (indicated clearly in the meeting notes)
4. All organization emails and notes will be shared over the following email discussion throughout the two meeting weeks:

* [AT119b][800][SON/MDT] Organizational Hu

Scope:

* + - Share plans for the meetings and list of ongoing email discussions for the sessions related to SON/MDT
    - Share meetings notes and agreements for review and endorsement

## 6.13 SON MDT

(NR\_ENDC\_SON\_MDT\_enh-Core; leading WG: RAN3; REL-17; WID: RP-201281)

Tdoc Limitation: 0 tdocs

Not treated

R2-2209321 LS on M6 Delay Threshold (R3-224079; contact: CATT) RAN3 LS in Rel-17 NR\_ENDC\_SON\_MDT\_enh To:SA5 Cc:RAN2

R2-2209327 Reply LS on the user consent for trace reporting (R3-225250; contact: Nokia) RAN3 LS in Rel-17 NR\_ENDC\_SON\_MDT\_enh-Core To:SA3 Cc:RAN2, SA5, SA1, RAN

R2-2209363 LS on Reply LS on beam measurement reports (S5-223524; contact: Ericsson) SA5 LS in Rel-17 NR\_ENDC\_SON\_MDT\_enh To:RAN3, RAN2

R2-2209366 Reply LS on beam measurement reports (R3-225273; contact: Ericsson) RAN3 LS in Rel-17 NR\_ENDC\_SON\_MDT\_enh To:SA5 Cc:RAN2

## 8.13 Further enhancement of data collection for SON MDT in NR and EN-DC

(NR\_ENDC\_SON\_MDT\_enh2-Core; leading WG: RAN3; REL-18; WID: RP-221825)

Includes LS in’s related to AI/ML for NG-RAN

Time budget: 1 TU

Tdoc Limitation: 6 tdocs

### 8.13.1 Organizational

Ls in Rapporteur input.

R2-2209324 LS on the scope for the support of SON/MDT enhancements (R3-225238; contact: Nokia) RAN3 LS in Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core To:RAN2

=> Noted

R2-2209325 LS on NR-U support for MRO (R3-225241; contact: Ericsson) RAN3 LS in Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core To:RAN2

=> Noted

### 8.13.2 MRO for inter-system handover for voice fallback

Focus on UE impact

R2-2210794 Summary on MRO for inter-system handover for voice fallback ZTE

Agreements:

1 An explicit indication is included in RLF-report when mobility from NR fails and the corresponding MobilityFromNRCommand includes voiceFallbackIndication

2 The below content is included in RLF-report when reestablishment procedure is initiated due to mobility From NR failure.

a. reestablishmentCellID

R2-2209569 Data Collection for MRO Related Enhancements CATT discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209728 Further discussion on MRO of inter-system HO voice fallback OPPO discussion Rel-17 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209827 MRO for inter-system handover for voice fallback Samsung R&D Institute India discussion

R2-2209864 Discussion on the inter-system handover for voice fallback Huawei, HiSilicon discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209955 MRO for inter-system handover for voice fallback Lenovo discussion Rel-18

R2-2210037 Discussion on inter-system handover voice fallback Xiaomi discussion Rel-18

R2-2210183 MRO for inter-system handover for voice fallback Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210287 Consideration on MRO for inter-system handover for voice fallback ZTE Corporation, Sanechips discussion Rel-18

R2-2210300 Data collection for MRO for inter-system handover for voice fallback Qualcomm Incorporated discussion Rel-18

R2-2210510 MRO for inter-system handover for voice fallback CMCC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210632 Further discussion on MRO enhancement for inter-system handover for voice fallback NTT DOCOMO, INC. discussion Rel-18

### 8.13.3 MDT override

Focus on UE impact. RAN3 progress pending on RAN2

R2-2210797 Summary on 8.13.3 ‘MDT override’ Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

=> The scenario when the UE is configured with NR Signaling-based logged MDT measurement configuration and reselects to E-UTRAN is excluded in R18 scope.

=> email discussion on solution direction UE capability based v.s. UE notification

* **[AT119bis-e][801][R17 SON/MDT] MDT override solution direction (Nokia)**

Compare the solution based on P2/3/4 in R2-2210797 with the solution in R2-2210301 and figure out the WF

Intended outcome: Report

Deadline: 04:44 UTC, Friday October 14th

Proposal 2: E-UTRA logged MDT configuration is enhanced to include ‘Logged MDT type’ indication, to indicate the UE is configured with Signaling-based Logged MDT in E-UTRA.

Proposal 3: The UE stores the received ‘Logged MDT type’ indication (as an extension to the other legacy E-UTRA Logged MDT configuration parameters).

Proposal 4: In NR cell, the UE notifies the gNB about the Signaling-based Logged MDT from E-UTRA availability. FFS whether a new NR flag is introduced or the existing NR flag: sigLogMeasConfigAvailable is adopted.

Proposal 5: RAN2 discuss whether the UE reported NR flag on Signaling based Logged MDT configuration presence needs to also reflect logging timer status and/or E-UTRA logged MDT results availability.

Proposal 6: RAN2 discuss whether the UE needs to report E-UTRA Logged MDT results in NR.

Proposal 7: RAN2 discussion on priority handling for Signalling based Logged MDT in inter-RAT scenario is postponed.

R2-2209570 Discussion on Inter-RAT Signaling Based Logged MDT Override Protection CATT discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209808 Inter-RAT signalling based logged MDT override protection Samsung R&D Institute India discussion

R2-2209896 Discussion on the inter-system signalling based MDT override protection Huawei, HiSilicon discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210028 Considerations on the signaling based logged MDT override protection for E-UTRAN Beijing Xiaomi Software Tech discussion Rel-18

R2-2210182 MDT enhancements Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210267 Signalling based Logged MDT override protection Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210288 Consideration on MDT override issues ZTE Corporation, Sanechips discussion Rel-18

R2-2210301 Signalling based logged MDT override protection Qualcomm Incorporated discussion Rel-18

### 8.13.4 SHR and SPCR

Focus on UE impacts. RAN2/RAN3 progress (including the RAN3 LS R2-2209104) should be considered.

R2-2210798 Pre-meeting summary of 8.13.4 SHR and SPCR (Ericsson)

* **[AT119bis-e][802][R17 SON/MDT] SHR and SPR (Ericsson)**

Discussion on the proposals 1-7 in R2-2210798

Intended outcome: Report

Deadline: 04:44 UTC, Friday October 14th

Summary of the proposals for Successful PSCell Report (SPR)

Summary Proposal 1: RAN2 confirms the scenarios for SPR for NR-DC, including:

• SN- and MN-initiated classic PSCell change / CPC

• Intra-SN classic PSCell change / CPC

• Classic Addition / CPA

• HO with SN change (possibly addressed when the basic solution for SPR is known)

Summary Proposal 2: RAN2 agree to the abbreviation of SPR instead of SPCR for the successful PSCell report to cover both “Change” and “Addition” scenarios.

Summary Proposal 3: RAN2 confirm to prioritise NR-DC scenario for SPR.

Summary Proposal 4: SHR solution is taken as baseline for the SPR in terms of configuration and reporting.

Summary Proposal 5: Network configures SPR configuration IE for the UE, with at least the following SPR triggering thresholds (Other triggering thresholds are FFS)

• T310 timer threshold

• T312 timer threshold

• T304 timer threshold

Summary Proposal 6: RAN2 discuss and agree to the following:

• SPR configuration is configured by network through otherConfig

• SPR is logged in a new information element

• SPR is stored in a new UE variable

• SPR is fetched via UE Information Request/Response procedure

Summary Proposal 7: UE logs at least the following information and measurements in the SPR IE (other information and measurements are FFS).

• Source PSCell info (cell ID, measurement result)

• Target PScell info (cell ID, measurement result)

• Candidate PSCell info (cell ID, measurement result)

• Neighbour Cells info (cell ID, measurement result)

• Success PSCell change cause (e.g., t304, t310, t312 cause, etc.)

• Random access related information

• The time elapsed between the CPAC execution towards the target cell and the corresponding latest CPAC configuration received for the selected target cell

• Location Information

Summary of the proposals for Inter-RAT SHR

Summary Proposal 8: RAN2 confirms that for inter-RAT SHR, HO from NR to LTE is treated first.

Summary Proposal 9: RAN2 discuss to avoid specification impact on LTE for inter-RAT SHR (36.331).

Summary Proposal 10: RAN2 agree

• Inter-RAT SHR for HO from NR to LTE, is reported when UE comes back to NR again, or

• RAN2 waits for RAN3 decision on inter-RAT SHR fetching mechanism

Summary Proposal 11: RAN2 focus on T310 and T312 thresholds as inter-RAT SHR triggering conditions for HO from NR to LTE.

R2-2209566 Discussion on SON enhancement for SPCR vivo discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209571 Discussion on Miscellaneous MRO Enhancements CATT discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209826 SON/MDT enhancements for SHR and SPCR Samsung R&D Institute India discussion

R2-2209865 Discussion on SHR and SPCR Huawei, HiSilicon discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209956 Successful Handover Report for inter-RAT HO Lenovo discussion Rel-18

R2-2209957 SON enhancements for successful PSCell change report Lenovo discussion Rel-18

R2-2209998 Discussion on successful PSCell change report NEC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210038 Discussion on SHR and SPCR Xiaomi discussion Rel-18

R2-2210184 SPR and SHR enhancements Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210268 Successful PSCell Change report Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210289 Consideration on SHR and SPCR ZTE Corporation, Sanechips discussion Rel-18

R2-2210302 Discussion on SHR for inter-RAT handover and successful PSCell change reporting Qualcomm Incorporated discussion Rel-18

R2-2210521 Discussion on successful PSCell change report SHARP Corporation discussion

R2-2210624 Discussion on SPCR NTT DOCOMO, INC. discussion Rel-18

### 8.13.5 SON for NR-U

Focus on UE impacts. RAN2/RAN3 progress (including the RAN3 LS R2-2209105) should be considered.

R2-2210799 Pre-meeting summary of 8.13.5 SON for NR-U Ericsson discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

=> RAN2 first enhance the RA-InformationCommon for NR-U purpose, and then address direct enhancements of the RLF report and SHR when the agreements on RA-InformationCommon are set.

Agreements:

1 The UE will log information of multiple RA procedures related to consistent LBT failures. FFS details.

* **[AT119bis-e][803][R18 SON/MDT] SON of NR-U (Ericsson)**

Discussion on the proposals 3-8 in R2-2210799

Intended outcome: Report

Deadline: 04:44 UTC, Friday October 14th

Summary Proposal 3: Include RSSI measurements in the RA-InformationCommon. FFS: values should be per RA procedure or per RA attempt.

Summary Proposal 4: Include the applied EDT in the RA-InformationCommon per RA procedure

Summary Proposal 5: RAN2 discuss whether to

• include lbt-FailureRecoveryConfig in the RLF report, or

• consult RAN3 to evaluate whether it is possible for the network to know the lbt-FailureInstanceMaxCount.

Summary Proposal 6-a: RAN2 clarify that in NR-U:

• an RA attempt is an attempt to transmit a preamble as in sect. 5.1.3 of TS 38.321, or

• an RA attempt is only counted when the PREAMBLE\_TRANSMISSION\_COUNTER increased.

Summary Proposal 6-b: RAN2 discuss which of the following measurement and information to be added to the RA-informationCommon

• Whether each RA attempt (i.e. preamble transmission) was blocked by LBT,

• Time duration of the LBT failures during the RA procedure,

• Total number of LBT failure during a RACH procedure.

Summary Proposal 7: Introduce a new raPurpose in the RA-Report to indicate that the RA was initiated following a “consistent LBT failures” in the SpCell.

Summary Proposal 8: RAN2 to introduce value 0 for the numberOfPreamblesSentOnSSB-r16 and numberOfPreamblesSentOnCSI-RS-r16.

Summary Proposal 9: RAN2 discuss the following proposals via offline discussions or postpone them to the next meeting.

• UE indicates whether MsgA payload transmission is failed due to LBT or not if fallback to 4-step RA occur.

• For RA-InformationCommon enhancements, the entire sensing, the ratio of idle contention windows could be considered

RLF report enhancement for NR-U

Summary Proposal 10: The UE includes the RSSI measurements in the RLF report. If it is agreed that the UE includes RSSI value in the RA-InformationCommon in the RLF report (Proposal 3), the UE does not need to log the RSSI measurement directly in the RLF report for HOF cases.

Summary Proposal 11: RAN2 discuss whether to

• include lbt-FailureRecoveryConfig in the RLF report, or

• consult RAN3 to evaluate whether it is possible for the network to know the lbt-FailureInstanceMaxCount.

Summary Proposal 12: According to RAN3 LS, RAN2 agree to indicate the consistent LBT failure in the RLF report when the consistent LBT failure is causing the failure indirectly. FFS on explicit or implicit indication.

SHR enhancement for NR-U

Summary Proposal 13: Introduce new SHR triggering conditions for NR-U e.g., UL LBT failure prior to successfully completion of the HO.

Summary Proposal 14: RAN2 discuss the enhancement of the successful handover report content for NR-U, after progress in enhancing RA-InformationCommon IE in RA report.

R2-2209573 NR-U enhancements for SON CATT discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209765 SON enhancements for NR-U Apple discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209824 SON/MDT enhancements for NR-U Samsung R&D Institute India discussion

R2-2209897 Discussion on SON for NR-U Huawei, HiSilicon discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209958 Discussion on MRO for NR-U Lenovo discussion Rel-18

R2-2210039 Discussion on SON for NR-U Xiaomi discussion Rel-18

R2-2210148 SONMDT enhancement for NR-U CMCC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210180 Enhancements of SON reports for NR-U Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210270 MRO and MDT enhancements for NR-U Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core R2-2208246

R2-2210290 Consideration on NR-U related SON ZTE Corporation, Sanechips discussion Rel-18

### 8.13.6 RACH enhancement

R2-2210793 Pre-meeting summary of 8.13.6 (Huawei) Huawei discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

For RACH report about RACH partitioning information

Agreeable proposals:

Summary proposal 1: Agree to add the following parameters into RACH report for RACH partitioning:

- Intended feature combination, or the feature or the combination of features that triggered the RACH

- Used feature combination, or the feature or the combination of features applicable to the RACH procedure

Summary proposal 2: The RACH related information included in R16 and R17 RA report can also be applied for RACH partitioning RA report, with the extension to include the feature combination associated with the selected RACH partition.

Proposals that need discussions:

Summary proposal 1: Discuss whether to add the following parameters into RACH report for RACH partitioning:

- Priority of each intended feature

Summary proposal 2: RAN2 discuss enhancement of the RA report based on the specific features such as Msg3 repetition, SDT operation, Slicing, Redcap, SCG Activation/Deactivation.

Summary proposal 3: RAN2 to study whether and how to address the following issue:

- The RACH feature/feature combination which is selected by the UE may not be same as the RACH feature/feature combination that is available for the UE

Summary proposal 4: UE reports the combination of features associated with the set of RACH resources selected for the random access procedure for an unsuccessful completed RA procedure.

Summary proposal 5: If time allows, RAN2 discuss whether to add the following parameters into RACH report:

- BFR recovery for two BFD RS sets

- UE reports the features applicable for the RA procedure but not associated with the selected set of RACH resources

- The starting preamble index associated to this RA partition

- The total number of preambles associated to this RA partition

- UE logs the elapsed time since logging the RA report until sending the report to the network

- RSRP of downlink pathloss reference for 4-step RA

- Indication to indicate whether RSRP of selected beam is above rsrp-ThresholdMsg3 or not per RA attempt

For addition of RACH information to other SON reports

Proposals that need discussions:

Summary proposal 6: RAN2 can further discuss whether enhanced RA-Report (about RACH partitioning information) are also needed for RLF report and Successful Handover report.

For SgNB RACH report for MR-DC scenarios

Proposals that need discussions:

Summary proposal 7: For NE-DC, the UE collects SN RA report container (for LTE) and reports to the NR MN. Additionally, the UE also includes the PSCell identity for the stored SN RA report (FFS on the format).

Summary proposal 8: For EN-DC and NG-EN-DC, there are the following options:

(1) the NR SN fetching the list of NR RA reports via SRB3 can be considered for the SN RACH report in the (NG) EN-DC scenario

(2) the UE collects SN RA report container (for NR) and reports to the LTE MN, and additionally the UE also includes the PSCell identity for the stored SN RA report (FFS on the format).

For enhancement of RA report for DC scenario

Proposals that need discussions:

Summary proposal 9: Include information in the RA report on whether the random access procedure was executed towards an MCG cell or an SCG cell.

For RACH Report Retrieval

Proposals that need discussions:

Summary proposal 10: RAN2 to discuss and agree on the availability indicator of RACH reports.

R2-2209567 Discussion on RACH report enhancement for RACH partitioning vivo discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209572 RACH enhancement for SON CATT discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209766 SON enhancements for RACH partitioning Apple discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209825 SON/MDT Enhancements for RACH Samsung R&D Institute India discussion

R2-2209898 Discussion on RACH enhancement Huawei, HiSilicon discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209986 RACH report enhancements for RACH partition Spreadtrum Communications discussion Rel-18

R2-2209999 Discussion on RACH enhancements NEC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210030 Discussion on the SON/MDT enhancement for RACH report Beijing Xiaomi Software Tech discussion Rel-18

R2-2210179 RACH report enhancements Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210271 RACH report related enhancements Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210291 Consideration on RACH enhancements ZTE Corporation, Sanechips discussion Rel-18

R2-2210511 SONMDT enhancement for RACH Enhancement. CMCC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210574 Discussion on RACH partitioning China Telecom Corporation Ltd. Discussion

### 8.13.7 SON/MDT enhancements for Non-Public Networks

R2-2210800 Pre-meeting summary of 8.13.7 (CATT)

For general

Proposal 1: NPN ID checking is needed before the corresponding SON and MDT report, whether SNPN ID or PNI-NPN ID checking is needed can be discussed per use case.

Proposal 1a: NID ID checking is needed before the corresponding SON and MDT report.

Proposal 1b: CAG ID checking is needed before the corresponding SON and MDT report

Proposal 2: Include the NPN ID into SON/MDT report, whether SNPN ID or PNI-NPN ID related info should be included can be discussed per use case.

Proposal 3: NPN ID related information should be included in the UE variables, whether SNPN ID or PNI-NPN ID related info should be included can be discussed per use case.

For use case

Proposal 5: RAN2 prioritizes the use cases of RLF report and logged MDT enhancement for NPN.

For RLF report

Proposal 7: Introduce the NPN ID information in RLF report for SON enhancement for NPN.

- FFS: Only NID or both NID and CAG ID will be introduced as NPN ID information.

Proposal 8: SNPN checking is needed before sending the available indicator of the RLF report procedure. FFS to PNI-NPN checking.

For logged MDT

Proposal 9: Include NID and CAG-ID into the area scope of logged MDT configuration, for SNPN case and PNI-NPN case, respectively.

Proposal 11: Include the NPN ID information into the CGI information and/or cell type indication (e.g., SNPN cell) as part of logged MDT result.

- FFS: Only NID or both NID and CAG ID will be introduced as NPN ID information.

Proposal 12: SNPN checking is needed before sending the available indicator of the logged MDT report procedure. FFS to PNI-NPN checking.

Proposal which needs discussion:

For general

Proposal 4: RAN2 to discuss whether a common or a separate UE variable should be used for the private and the non-private network.

For use case

Proposal 6: Other use cases for NPN enhancement, e.g. RA report, immediate MDT, SHR, CEF report, L2 measurement and MHI can be further discussed.

For logged MDT

Proposal 10: RAN2 to discuss whether to enhance the MDT configuration (interFreqTargetInfo) to enable logging only NPN or PN cells per frequency.

For Others

Proposal 13: RAN2 to further discuss other issues which include:

- UE measurement resource wastes in SNPN;

- Priority of SNPN and PNI-NPN;

- OOC analysis based on logging of OOC instance, OOC cause or UE access mode.

R2-2209568 Discussion on SON enhancement for NPN vivo discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209574 SON and MDT Enhancement for NPN CATT discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209823 SON/MDT enhancements for NPN Samsung R&D Institute India discussion

R2-2209899 Discussion on SON and MDT enhancements for NPN Huawei, HiSilicon discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210032 Discussion on the SON/MDT enhancement for NPN Beijing Xiaomi Software Tech discussion Rel-18

R2-2210104 Impact of SNPN on MDT and MRO Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210149 SONMDT enhancement for NPN CMCC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210181 SON support for NPN Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210292 Consideration on SON-MDT support for NPN ZTE Corporation, Sanechips discussion Rel-18

R2-2210303 Discussion on SON/MDT enhancements for Non-Public Networks Qualcomm Incorporated discussion Rel-18

### 8.13.8 Other

R2-2209726 Discussion of SON on MR-DC CPAC OPPO discussion Rel-17 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2209959 MRO for fast MCG link recovery and SCG failure Lenovo discussion Rel-18

R2-2209960 SON enhancements for CPAC Lenovo discussion Rel-18

R2-2210269 MRO for Fast MCG Recovery and MR-DC CPAC Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210304 Discussion on SONMDT enhancements for MR-DC CPAC and fast MCG Recovery Qualcomm Incorporated discussion Rel-18

R2-2210426 SON on fast MCG recovery OPPO discussion NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210512 SON/MDT enhancement for fast MCG recovery CMCC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210513 SON MDT enhancement for MR-DC CPAC CMCC discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

R2-2210517 Discussion on failure information for CPAC SHARP Corporation discussion

R2-2210523 Discussion on RLF report in fast MCG recovery SHARP Corporation discussion

R2-2210626 Discussion on CPAC failure report NTT DOCOMO, INC. discussion Rel-18

R2-2210630 Discussion on MRO for MR-DC SCG failure scenario and fast MCG recovery failure NTT DOCOMO, INC. discussion Rel-18