**3GPP TSG-SA5 Meeting #140-e *S5-216322***

**e-meeting, 15 - 24 November 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0041** | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** | Clause number correction | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | |  |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
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| ***Reason for change:*** | | Clause number 8.3.3 is duplicated. | | | | | | | | |
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| ***Summary of change:*** | | Change second instance of clause number 8.3.3 to a free number. | | | | | | | | |
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| ***Consequences if not approved:*** | | Duplicated cluase number violates drafting rules and lead to confusion. | | | | | | | | |
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| ***Clauses affected:*** | | 8.3.3 (second instance) | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | |  | **X** | Test specifications | | | |  | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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| **First change** |

### 8.3.4 Centralized Capacity and Coverage Optimization (CCO)

Figure 8.3.3-1 depicts the procedure of centralized capacity and coverage optimization. It is assumed that PM job control and provisioning have been executed to allow C-SON function to receive performance measurements, MDT, RLF, and RCEF reports.



Figure 8.3.3-1: Capacity and coverage optimization procedure

1. The C-SON function receives the measurements, as listed in clause 7.2.3.3.1, which are used to detect the capacity and coverage issues in NR cells.

2. The C-SON function receives MDT, RLF, and RCEF reports, as listed in clause 7.2.3.3.2, which are used to detect the capacity and coverage issues in NR cells.

3. The C-SON function analyzes the measurements, MDT, RLF, and RCEF reports to determine whether the capacity and coverage of given cells or beams need to be optimized.

If the capacity and coverage of given cells or beams need to be optimized, then the following steps are executed:

4. The C-SON function determine the actions to mitigate the CCO issues.

5. The C-SON function consumes the MnS of NF provisioning with *modifyMOIAttributes* operation to re-configure the CCO control parameters, as listed in clause 7.2.3.2.1.

5.a The MnS of NF provisioning updates the CCO control parameters at the NF for NR cells (NOTE).

6. The producer of provisioning MnS sends a notification *notifyMOIAttributeValueChange* to C-SON function to indicate the CCO control parameters have been updated successfully.

7. The C-SON function collects the measurements.

8. The C-SON function analyzes the measurements to evaluate if the COO issues have been mitigated.

If the the CCO issues have not been mitigated, then the following steps are executed:

9. The C-SON function consumes the MnS of NF provisioning with *modifyMOIAttributes* operation to re-configure the CCO control parameters, as listed in clause 7.2.3.2.1.

9.a The MnS of NF provisioning updates the CCO control parameters at the NF for NR cells (NOTE).

10. The producer of provisioning MnS sends a notification *notifyMOIAttributeValueChange* to C-SON function to indicate the CCO control parameters have been updated successfully.

NOTE: The interface between producer of provisioning MnS and NFs is not subject to standardization.

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| **End of changes** |