**3GPP TSG-RAN WG2 Meeting #118-e *R2-22xxxxx***

**Online, May 9th –20th, 2022**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **37.340** | **CR** | **#** | **rev** | **-** | **Current version:** | **17.0.0** |  |
|  | | | | | | | | |
| *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 | **x** | Radio Access Network | **x** | Core Network |  |

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| ***Title:*** | Support of CHO with SCG configuration - 37340 [CHOwithDCkept] | | | | | | | | | |
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| ***Source to WG:*** | CATT | | | | | | | | | |
| ***Source to TSG:*** | 2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI17 | | | | |  | ***Date:*** | | | 2022-05-13 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | | 7 |
|  | *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)*  *Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | To capture the agreement of email discussion #036 in RAN#118-e, so that CHO with SCG is captured in the stage 2 specification. | | | | | | | | |
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| ***Summary of change:*** | | It is clarified that CHO is supported in Master Node to eNB/gNB Change procedure, Inter-Master Node handover with/without Secondary Node change and eNB/gNB to Master Node change procedure  **Impact analysis**  Impacted 5G architecture options:  EN-DC, NR-DC, NE-DC  Impacted functionality:  CHO with SCG configuration  Inter-operability:  If the NW implementes the CR and the UE does not, there is interoperability issue, as the UE does not support CHO with SCG configuration, therefore UE shall consider the configuration is fault.  If the UE implements the CR and the NW does not, there is no interoperability issue, as the NW shall not configure for UE with CHO with SCG configuration. | | | | | | | | |
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| ***Consequences if not approved:*** | | If the CR is not approved, the support of CHO with SCG configuration is not reflected in the stage 2 specifciation and it is thereore unclear whether it is support or not. | | | | | | | | |
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| ***Clauses affected:*** | | 10.1 | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS 38.331 CR xx, TS 38.306 CR xx, TS 36.331 CR xx, TS 36.306 CR xx | | |
| ***affected:*** | |  | **x** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
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| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

*START OF CHANGE*

10.1 General

Similar procedures as defined under clause 10.1.2.8 (Dual Connectivity operation) in TS 36.300 [2] apply for MR-DC.

Similar CHO principles as defined in TS 36.300 [2] and TS 38.300 [3] apply for the Conditional PSCell Change in MR-DC.

Conditional PSCell Change and conditional PSCell addition are not supported for the MR-DC options NE-DC and NGEN-DC.

Configuration of CHO and CPC for simultaneous operation is not supported in this release.

Editor's note: FFS how to reflect the RAN2 work assumption (and potential further agreements) on CHO and CPAC co-existence.

In case of MR-DC, CHO is supported in Master Node to eNB/gNB Change procedure, Inter-Master Node handover with/without Secondary Node change and eNB/gNB to Master Node change procedure.

*END OF CHANGE*