**3GPP TSG-RAN WG2 Meeting #116e *R2-21xxxxx***

**Online, 1 - 12 Nov, 2021**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **36.331** | **CR** | **4736** | **rev** | **1** | **Current version:** | **16.6.0** |  |
|  |
| *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:***  | Correction on condReconfigurationToApply field description |
|  |  |
| ***Source to WG:*** | Huawei, HiSilicon  |
| ***Source to TSG:*** | R2 |
|  |  |
| ***Work item code:*** | NR\_Mob\_enh-Core |  | ***Date:*** | 2021-10-22 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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 canbe 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)* |
|  |  |
| ***Reason for change:*** | During the RAN2#115 e-meeting the following was agreed:* CHO with SCG configuration is not supported in Rel-16.

This is captured in the description of the *condReconfigurationToApply* field as follows:

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| * ***condReconfigurationToApply***

The RRCConnectionReconfiguration message to be applied when the condition(s) are fulfilled. The *RRCConnectionReconfiguration* in *condReconfigurationToApply* cannot contain a target node SCG configuration. |

The *condReconfigurationToApply* filed is used for CHO or CPC, which makes CPC with SCG configuration is also not supported by the current field description. However, CPC with SCG configuration should be supported according to the text of the specification.The *condReconfigurationToApply* field can be used for CHO or CPC. If the field is applied for CPC, it means *condReconfigurationToApply* can contain the configuration for target SCG, which conflicts with the above highlighted part. |
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| ***Summary of change:*** | Clarify the field description of *condReconfigurationToApply* that “the configuration for target SCG” is for CHO.**Impact analysis**Impacted 5G architecture options:EN-DCImpacted functionality:Conditional HandoverInter-operability:If the UE is implemented according to this CR while the network is not, the network may not be able to configure CPC for the UE. As a result, CPC functionality is not workable.If the network is implemented according to this CR while the UE is not, the UE may reject the RRC reconfiguration message as it may consider “*condReconfigurationToApply* (for CPC) contains the configuration for target SCG” as a wrong configuration. |
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| ***Consequences if not approved:*** | Network may not be able to include the target SCG configuration in the *condReconfigurationToApply* message for CPC. |
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| ***Clauses affected:*** | 6.3.4 |
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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:*** |  |

*START OF CHANGE*

### 6.3.4 Mobility control information elements

*<Partially omitted>*

– *CondReconfigurationToAddModList*

The IE *CondReconfigurationToAddModList* concerns a list of conditional reconfigurations (i.e. conditional handover) to add or modify, for each entry the *measId* (associated to the triggering condition configuration) and the associated *RRCConnectionReconfiguration*.

***CondReconfigurationToAddModList* information element**

-- ASN1START

CondReconfigurationToAddModList-r16 ::= SEQUENCE (SIZE (1.. maxCondConfig-r16)) OF CondReconfigurationAddMod-r16

CondReconfigurationAddMod-r16 ::= SEQUENCE {

 condReconfigurationId-r16 CondReconfigurationId-r16,

 triggerCondition-r16 SEQUENCE (SIZE (1..2)) OF MeasId

 OPTIONAL, -- Cond CondReconfigurationAdd

 condReconfigurationToApply-r16 OCTET STRING (CONTAINING RRCConnectionReconfiguration)

 OPTIONAL,-- Cond CondReconfigurationAdd

 ...

}

-- ASN1STOP

| ***CondReconfigurationToAddMod* field descriptions** |
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| ***condReconfigurationToApply***The RRCConnectionReconfiguration message to be applied when the condition(s) are fulfilled. The *RRCConnectionReconfiguration* in *condReconfigurationToApply* cannot contain a target node SCG configuration for CHO. |
| ***triggerCondition***The condition that needs to be fulfilled in order to trigger the execution of a conditional reconfiguration. When configuring two triggering events (MeasIds) for a candidate cell, the network ensures that both refer to the same *measObject*. |

| **Conditional presence** | **Explanation** |
| --- | --- |
| *CondReconfigurationAdd* | The field is mandatory present if a *condReconfigurationId* is being added. Otherwise it is optional, need ON. |

END OF CHANGE