**3GPP TSG-RAN2 Meeting #110-e *R2-200xxxx***

**E-Meeting, 1 – 12 June 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **36.306** | **CR** | 1769 | **rev** | **1** | **Current version:** | **16.0.0** |  |
|  |
| *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:***  | Correction to IMS capabilities for NGEN-DC |
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| ***Source to WG:*** | Google Inc. |
| ***Source to TSG:*** | R2 |
|  |  |
| ***Work item code:*** | NR\_newRAT-Core |  | ***Date:*** | 2020-06-08 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | 1. It is not clear whether IMS voice over split bearer is supported for NGEN-DC
2. Align description for *ims-VoiceOverNR-PDCP-SCG-Bearer-r15* and *ims-VoNR-PDCP-SCG-NGENDC-r15* with the description in 36.331.
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| ***Summary of change:*** | 1. Clarify IMS voice over split bearer is not supported for NGEN-DC
2. Align description for *ims-VoiceOverNR-PDCP-SCG-Bearer-r15* and *ims-VoNR-PDCP-SCG-NGENDC-r15* with the description in 36.331.

**Impact analysis**Impacted 5G architecture options: NGEN-DCImpacted functionality: IMS voiceInter-operability:No inter-operability issue is foreseen. |
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| ***Consequences if not approved:*** | 1. The UE is required to support IMS voice over split bearer for NGEN-DC.
2. Description for *ims-VoiceOverNR-PDCP-SCG-Bearer-r15* and *ims-VoNR-PDCP-SCG-NGENDC-r15* is not aligned with the description in 36.331
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| ***Clauses affected:*** | 4.3.1A |
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|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | The CR captures agreements in offline discussion in R2-200xxxx |
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| ***This CR's revision history:*** | Update of R2-2005459 |

### 4.3.1A NR PDCP Parameters

NR PDCP capabilities: the definition of *rohc-Profiles-r15*, *rohc-ContextMaxSessions-r15*, *rohc-ProfilesUL-Only-r15*, *rohc-ContextContinue-r15*, *outOfOrderDelivery-r15* and *sn-SizeLo-r15* are the same as *supportedROHC-Profiles*, *maxNumberROHC-ContextSessions*, *uplinkOnlyROHC-Profiles*, *continueROHC-Context*, *outOfOrderDelivery* and *shortSN* defined in TS 38.306 [32].

*ims-VoiceOverNR-PDCP-MCG-Bearer-r15* indicates whether the UE supports IMS voice over NR PDCP with only MCG RLC bearer.

*ims-VoiceOverNR-PDCP-SCG-Bearer-r15* indicates whether the UE supports IMS voice over NR PDCP with only SCG RLC bearer when configured with EN-DC.

*ims-VoNR-PDCP-SCG-NGENDC-r15* indicates whether the UE supports IMS voice over NR PDCP with only SCG RLC bearer when configured with NGEN-DC.

NOTE: In this release of specification, IMS voice over split bearer is not supported for (NG)EN-DC.