**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 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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***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-DC  Impacted functionality:  IMS voice  Inter-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 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 | | | | | | | | |
|  | |  | | | | | | | | |
| ***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.