**3GPP TSG-CT1 Meeting #135-e *C1-222974***

**Online, , 6th Apr 2022 - 12th Apr 2022**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.282** | **CR** | **0321** | **rev** | 1 | **Current version:** | **17.6.1** |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

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| ***Title:*** | 5GS QoS aspects in MCData | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MCOver5GS | | | | |  | ***Date:*** | | | 2022-03-30 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
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| ***Reason for change:*** | | TS 23.289 introduces the following QoS requirements for 5GS.  "In 5GS, quality of service is enforced at QoS flow level and corresponding packets are classified and marked with an identifier in accordance with 3GPP TS 23.501 [7]. Every QoS flow is characterized by a QoS profile provided by the 5GC. and can be used for all connectivity types (PDU sessions) in accordance with 3GPP TS 23.501 [7].".  "Use of priorities  The QoS flows for MCData emergency communications shall have highest priority level among MCData communication types. The QoS flow for MCData imminent peril call shall have higher priority level than one for a MCData communication."  The corresponding terms currently used in the specs are EPS-specific. | | | | | | | | |
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| ***Summary of change:*** | | Introduce the missing mapping of 5GS QoS terms to existing EPS | | | | | | | | |
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| ***Consequences if not approved:*** | | Applicability and use of 5GS QoS model is not supported for MC | | | | | | | | |
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| ***Clauses affected:*** | | I.1, new I.3, new I.3.1, new I.3.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

1st change

# I.1 General

The present document applies to both EPS and 5GS. This annex lists the aspects of MCData session control protocols which are different in 5GS from EPS. Certain aspects that are only applicable to EPS are described in clause I.2. A mapping of EPS-specific terms to their 5GS equivalents is provided in clause I.3.

2nd change

# I.3 Mapping of EPS-specific terms to 5GS

3rd change

## I.3.1 Session aspects

In 5GS, the PDU session is the equivalent of a PDN connection in EPS. The requirements and configurations for a PDN connection throughout this document apply also to 5GS.

4th change

## I.3.2 Bearer aspects

When using the 5GS, a bearer is provided by a 5GS QoS flow. The requirements, procedures, and configurations for a bearer throughout this document, including those stating EPS explicitly (e.g., EPS bearer priority), apply also to QoS flows.

End of changes