**3GPP TSG-SA5 Meeting #147S5-232913**

Athens, Greece, 27th February - 3rd March 2023

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  |  | **CR** | **0888** | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** | Add Annex recommending QoS model usage | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | AdNRM\_ph2 | | | | |  | ***Date:*** | | | 2023-02-06 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | C |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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)* | |
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| ***Reason for change:*** | | The QoS support in the NRM is flexible and be used in different ways to support various use cases. It is beneficial to provide general recommendations along with any specific usage for a particular scenarios. | | | | | | | | |
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| ***Summary of change:*** | | Add an informative annex defining the general recommended usage, and RAN Sharing specific usage of the generic QoS model. | | | | | | | | |
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| ***Consequences if not approved:*** | | Inconsistency in model usage could result in interoperability issues. | | | | | | | | |
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| ***Clauses affected:*** | | (new) Annex X | | | | | | | | |
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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:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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| **1st Change** |

Annex X (informative): QoS model usage

# X.1 Overview

The Configurable 5QI set IOC (as defined in 5.3.75) provides flexibility to support multiple scenarios:

* Configurable 5QI sets can be name contained by SubNetwork, ManagedElement, GNBDUFunction, GNBCUUPFunction and GNBCUCPFunction
* Sets are referenced by attributes (configurable5QISetRef) in applicable MOIs

Specific containment and/or referencing may be appropriate for certain scenarios.

# X.2 General usage

For consistency, referenced 5QI sets can be defined within the same subtree (see Figure 4.2.1.1-8) as follows:

* a Configurable5QISet instance contained by ManagedEntity does not need a reference from the ManagedEntity instance which contains it
* a Configurable5QISet instance contained by Subnetwork is only referenced by ManagedEntity instances contained within the same Subnetwork
* a Configurable5QISet instance contained by ManagedElement is only referenced by ManagedFunction instances contained within that ManagedElement
* a Configurable5QISet instance contained by ManagedFunction is only used by that ManagedFunction instance