**3GPP TSG-SA5 Meeting #154 *S5-242176***

**Changsha, China, 15 – 19 April 2024**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **28.552** | **CR** | **0529** | **rev** | **1** | **Current version:** | **17.13.0** |  |
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| *For* [***HELP***](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 | **X** |

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| ***Title:*** | Rel-17 CR TS 28.552 Include the sub\_counter value when reporting Performance Measurements | | | | | | | | | |
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| ***Source to WG:*** | Nokia, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI17 | | | | |  | ***Date:*** | | | 2024-04-04 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Configuration of performance measurements are done via PerfMetricJob as defined in TS 28.622. The name of the measurements as part of “performanceMetrics” in PerfMetricJob IOC are constructed including sub-counters if the measurement is defined per sub-counter. At present, the PerfMetricJob can be configured for a specific performance measurement and specific sub-counter. If the applicable sub-counter can have five different values, the Performance measurements are captured for all the 5 possible sub-counter values.  But there is no standardized means to indicate that these performance measurements including sub-counters should be reported along with the value of the sub-counters. If the values are not indicated, it is not possible to correctly identify and segregate the different values of the same performance measurement for different values of a given sub-counter. | | | | | | | | |
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| ***Summary of change:*** | | The description of the “Filter Naming” clause has been enhanced with reporting of performance measurements including the sub-counter name and its value and then the measurement itself. | | | | | | | | |
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| ***Consequences if not approved:*** | | No means to indicate the value of the sub-counter leading the consumer to not use the received measurements correctly. | | | | | | | | |
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| ***Clauses affected:*** | | 4.2.2 | | | | | | | | |
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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:*** | |  | | | | | | | | |
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| ***This CR's revision history:*** | | S5-242176 is a revision of S5-241268 | | | | | | | | |

***Start of First change***

### 4.2.2 Filter naming

For the Performance measurements that indicate *Filters*, the resulting Performance measurement name is in the following form:

<Performance measurement>\_<*Filter>*

For appending *Filter,* the separator '\_' is used to append the filter to a given Performance measurement name. Vendor may also define any other separator.

If appending multiple *Filters*, the name is in the following form:

<Performance measurement>\_<*Filter1>\_<Filter2>*

The separator ‘\_’ or vendor specific separator is used between filters. The order is not important.

If no *Filter* is used, the name is in the form:

<Performance measurement>

The *Filter* is in the form: NameValue(s) where the name could be any of the possible *Filter* name defined for the performance measurement. When multiple values are provided for a given *Filter* name, values are separated by ‘|’. Value ranges are defined as ‘x-y’. Combination of using ‘|’ and ranges for the values of a given *Filter* name is possible. The order of the values is not important. Any other vendor specific multiple value form is allowed for the combination.

Examples:

- single *Filter* name with single value: DRB.PdcpF1DelayDl\_*5QI22*

- single *Filter* name with multiple values: DRB.PdcpF1DelayDl\_*5QI32|35-40*

- multiple (two) *Filter* names with single value per *Filter* name: DRB.PdcpF1DelayDl\_*PLMN12\_5QI20*

- multiple (two) *Filter* names and multiple values per *Filter* name: DRB.PdcpF1DelayDl\_*PLMN2|5\_5QI20-25*

- without any *Filter*: DRB.PdcpF1DelayDl

***End of Changes***