**3GPP TSG-SA5 Meeting #158 *S5-247293***

**Orlando, United States, 18th Nov 2024 - 22nd Nov 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **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 | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Rel-18 CR TS 28.622 Correction to AreaOfInterest | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI17 | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | A |  | | | | | ***Release:*** | | |  |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | AreaOfInterest <<choice>> (clause 4.3.51) defines the area that shall be considered for the service. The support qualifier of all AreaOfInterest attributes (clause 4.3.51.2) is “M”. The attribute constraints table (clause 4.3.51.3) describes constraints for the support of these attributes.  There are various issues.   1. It makes no sense to have constraints for mandatory attributes (i.e., attributes whose support qualifier is “M”). 2. The support qualifier of “nrCellIdList”, “eutraCellIdList” and “utraCellIdList” is wrong; they shall be “CM”. 3. All constraints listed represent run-time conditions, related to MnS consumer request. This is wrong, since attribute constraints shall represent design-time conditions on MnS producer side. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1. Remove attribute constraints for mandatory attributes 2. Change support qualifier of “nrCellIdList”, “eutraCellIdList” and “utraCellIdList” to CM. 3. Re-word attribute constraints, such that they represent design-time conditions on MnS producer side. | | | | | | | | |
| * ***a*** | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Incorrect specification (of support qualifier and constraints) may lead to wrong implementations, which may compromise interoperability. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.3.51.2, 4.3.51.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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** |

### 4.3.51 AreaOfInterest <<choice>>

#### 4.3.51.1 Definition

This <<choice>> defines the area which shall be considered for the service.

#### 4.3.51.2 Attributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **S** | **isReadable** | **isWritable** | **isInvariant** | **isNotifyable** |
| CHOICE\_1.1 geoAreaToCellMapping | M | T | T | T | N/A |
| CHOICE\_2.1 taiList | M | T | T | T | N/A |
| CHOICE\_3.1 nrCellIdList | CM | T | T | T | N/A |
| CHOICE\_4.1 eutraCellIdList | CM | T | T | T | N/A |
| CHOICE\_5.1 utraCellIdList | CM | T | T | T | N/A |

#### 4.3.51.3 Attribute constraints

|  |  |
| --- | --- |
| Name | Definition |
| nrCellIdList | This attribute shall be supported, when the system supports scoping by NR cells. |
| eutraCellIdList | This attribute shall be supported, when the system supports scoping by E-UTRAN cells. |
| utraCellIdList | This attribute shall be supported, when the system supports scoping by UTRAN cells. |

#### 4.3.51.4 Notifications

The clause 4.5 of the <<IOC>> using this <<dataType>> as one of its attributes, shall be applicable.

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| **End of Changes** |