**3GPP TSG-SA5 Meeting #155 *S5-244232rev1***

**Maastricht, NL, 19 - 23 August 2024**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.291** | **CR** | **0580** | **rev** | **-** | **Current version:** | **18.6.1** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Introduce Binding for Ranging and Sidelink Positioning charging | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | China Telecom | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Ranging\_SL\_CH | | | | |  | ***Date:*** | | | 2024-08-09 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The binding between the Ranging and Sidelink Positioning converged Charging Information element, Resource Attribute and CDR fields needs to be introduced. | | | | | | | | |
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| ***Summary of change:*** | | Add new clause on binding for Ranging and Sidelink Positioning charging. | | | | | | | | |
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| ***Consequences if not approved:*** | | Charging for Ranging and Sidelink Positioning will not be supported. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.x | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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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| **First change** |

## 7.x Bindings for Ranging and Sidelink Positioning charging

Table 7.x-1: Bindings of CDR field, Information Element and Resource Attribute for Ranging and Sidelink Positioning charging

| Information Element | CDR Field | Resource Attribute |
| --- | --- | --- |
|  |  | **ChargingDataRequest** |
| Ranging and Sidelink Positioning Charging Information | Ranging and Sidelink Positioning Charging Information | /rangingSLChargingInformation |
| Target UE ID | Target UE ID | /rangingSLChargingInformation/targetUeId |
| SL Reference UE ID | SL Reference UE ID | /rangingSLChargingInformation/sLReferenceUeID |
| SL Positioning Server UE ID | SL Positioning Server UE ID | /rangingSLChargingInformation/sLPositioningServerUeId |
| Located UE ID | Located UE ID | /rangingSLChargingInformation/locatedUeId |
| Location Type | Location Type | /rangingSLChargingInformation/locationType |
| Location Estimate | Location Estimate | /rangingSLChargingInformation/locationEstimate |
|  |  | **ChargingDataResponse** |
| - | - | - |

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| **End of changes** |