**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 canbe 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 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** |