**3GPP TSG-SA5 Meeting #155 *S5-244230rev1***

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

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.271** | **CR** | **0028** | **rev** | **-** | **Current version:** | **19.0.0** |  |
|  | | | | | | | | |
| *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:*** | Introduction of clauses on formal description and binding for Ranging and Sidelink Positioning converged 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)* | |
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| ***Reason for change:*** | | The binding between 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 clauses on formal description and binding for Ranging and Sidelink Positioning converged charging | | | | | | | | |
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| ***Consequences if not approved:*** | | Charging for Ranging and Sidelink Positioning will not be supported | | | | | | | | |
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| ***Clauses affected:*** | | 6.3.x (new), 6.y (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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** |

### 6.3.x Formal Ranging and Sidelink Positioning converged charging parameter description

#### 6.3.x.1 Ranging and Sidelink Positioning charging CHF CDR parameters

The detailed definitions, abstract syntax and encoding of the Ranging and Sidelink Positioning charging CHF CDR parameters are specified in TS 32.298 [51].

#### 6.3.x.2 Ranging and Sidelink Positioning charging resources attributes

The detailed definitions of resources attributes used for Ranging and Sidelink Positioning charging are specified in TS 32.291 [56].

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| **Next change** |

## 6.y Bindings for Ranging and Sidelink Positioning converged charging

This mapping between the Information Elements, resource attributes and CHF CDR parameters for Ranging and Sidelink Positioning converged charging is described in clause 7 of TS 32.291 [56].

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| **End of changes** |