**3GPP TSG- Meeting # *C3-253377r1***

**Goteborg, Sweden, 25 – 29 August 2025 (Revision of C3-253377)**

|  |
| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **1688** | **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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **x** |

|  |
| --- |
|  |
| ***Title:***  | Updates to UAV feature in MonitoringEvent API |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | NBI19 |  | ***Date:*** |  |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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 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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
|  |  |
| ***Reason for change:*** | UAV Tracking has been defined in clause 5.3 of TS 23.256 and the corresponding UAV feature supported attributes have been added in MonitoringEventSubscription and MonitoringEventReport data types in MonitoringEvent API in TS 29.122 applied for SCEF+NEF for interworking case and for NEF for 5G only case. While there’s No corresponding procedures in TS 29.522 for UAV tracking, neither represent in the reused APIs table. |
|  |  |
| ***Summary of change:*** | Added the missing UAV feature and corresponding description in MonitoringEvent API in clause 5.3 Reused APIs table. |
|  |  |
| ***Consequences if not approved:*** | Missing the UAV feature in the reused UAV feature in this TS. |
|  |  |
| ***Clauses affected:*** | 5.3 |
|  |  |
|  | **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 does not impact the OpenAPI file. |
|  |  |
| ***This CR's revision history:*** |  |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

## 5.3 Reused APIs

This clause describes the northbound APIs which are applicable for both EPS and 5GS.

Table 5.3-1: Reused APIs applicable for both EPS and 5GS

|  |  |
| --- | --- |
| API Name | Differences |
| ResourceManagementOfBdt | - The following 5G-only features defined in clause 5.4.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "LocBdt\_5G", "Group\_Id", "BdtNotification\_5G", "AspId\_5G" and "Energy". |
| PfdManagement | - The following 5G-only features defined in clause 5.11.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "FailureLocation\_5G". |
| MonitoringEvent | - The following 5G-only features defined in clause 5.3.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "Number\_of\_UEs\_in\_an\_area\_notification\_5G", "Downlink\_data\_delivery\_status\_5G", "Availability\_after\_DDN\_failure\_notification\_enhancement", "eLCS", "eLCS\_en", "NSAC", "MULTIQOS", "EDGEAPP", "UEId\_retrieval", "Loss\_of\_connectivity\_notification\_5G", "GMEC", "enNB1\_5G", "AppDetection\_5G", "eNSAC", "Ranging\_SL", "DataTransfer", "Energy" and "RVAS\_5G".- The following 5G-only and 5G interworking features defined in clause 5.3.4 of 3GPP TS 29.122 [4] may be supported only by the NEF or SCEF+NEF: "UAV".- For the "Pdn\_connectivity\_status" feature, APN is equivalent to DNN; the non-IP PDN type is equivalent to the unstructured PDU session type; and the enumeration InterfaceIndication value "PDN\_GATEWAY" stands for PDU session anchored in UPF in 5G. |
| DeviceTriggering |  |
| CpProvisioning | - The following 5G-only features defined in clause 5.10.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "ExpectedUMT\_5G", "ExpectedUmtTime\_5G", "ScheduledCommType\_5G", "UEId\_retrieval", "ExpectedUmtTime\_Add", "AppExpUeBehaviour" and "ConfAccuLevels". |
| ChargeableParty | - The following 5G-only features defined in clause 5.5.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "EthChgParty\_5G", "MacAddressRange\_5G", "ToSTC\_5G".- The "LOSS\_OF\_BEARER", "RECOVERY\_OF\_BEARER" and "RELEASE\_OF\_BEARER" events do not apply for 5G. |
| AsSessionWithQoS | - The following 5G-only features defined in clause 5.14.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "EthAsSessionQoS\_5G", "QoSMonitoring\_5G", "PacketDelayFailureReport", "MacAddressRange\_5G", "AlternativeQoS\_5G", "TSC\_5G", "DisableUENotification\_5G", "ExposureToEAS", "AltQosWithIndParams\_5G", "EnEthAsSessionQoS\_5G", "enNB\_5G", "AltQoSProfilesSupportReport", "ExtQoS\_5G", "EnTSCAC", "L4S", "MultiMedia", "PowerSaving", "EnQoSMon", "PDUSetHandling", "RTLatency", "ToSTC\_5G", "QoSTiming\_5G", "ListUE\_5G", "GMEC", "QoSMonCapRepo", "MpxMedia", "N6DelayMeasurement", "TrafficCharChange", "HeaderHandling", "OnPathN6MediaInfo", "RateLimitReport", "EnPDUSetHandling", "AcceptableQosDetails" and "EnQoSMon\_v2".- The "LOSS\_OF\_BEARER", "RECOVERY\_OF\_BEARER" and "RELEASE\_OF\_BEARER" events do not apply for 5G. |
| MsisdnLessMoSms |  |
| NpConfiguration | - The following 5G-only features defined in clause 5.13.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "NpExpiry\_5G", "UEId\_retrieval". |
| NIDD |  |
| RacsParameterProvisioning |  |
| ECRControl | - The following 5G-only features defined in clause 5.12.4 of 3GPP TS 29.122 [4] may be supported only by the NEF: "ECR\_WB\_5G". |

\*\*\* End of Changes \*\*\*