**3GPP TSG-SA WG6 Meeting #44 S6-211xxx**

**e-meeting, 12th– 20th July 2021 (revision of S6-211690)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.255** | **CR** | **0004** | **rev** | **-** | **Current version:** | **17.0.1** |  |
|  | | | | | | | | |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Terminology alignment to use uncrewed | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, Hisilicon | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | UASAPP | | | | |  | ***Date:*** | | | 2021-07-01 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **D** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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:*** | | In SA#92, it was agreed to align the usage of term "uncrewed" to be used instead of "unmanned". An LS has been received from TSG SA in S6-211517. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Changed the usage of the term "unmanned" to "uncrewed" | | | | | | | | |
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| ***Consequences if not approved:*** | | Terminology alignment will not be achieved as agreed. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 2, 3.1, 3.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **N** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **N** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **N** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 22.125: "Uncrewed Aerial System (UAS) support in 3GPP; Stage 1".

[3] 3GPP TS 23.222: "Functional architecture and information flows to support Common API Framework for 3GPP Northbound APIs; Stage 2".

[4] 3GPP TS 23.256: "Support of Uncrewed Aerial Systems (UAS) connectivity, identification, and tracking; Stage 2".

[5] 3GPP TS 23.434: "Service Enabler Architecture Layer for Verticals (SEAL); Functional architecture and information flows".

[6] 3GPP TS 23.501: "System architecture for the 5G System (5GS); Stage 2".

[7] 3GPP TS 23.558: "Architecture for enabling Edge Applications"

[8] 3GPP TS 23.682: "Architecture enhancements to facilitate communications with packet data networks and applications".

[9] 3GPP TS 26.346: "Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs".

[10] 3GPP TS 26.348: "Northbound Application Programming Interface (API) for Multimedia Broadcast/Multicast Service (MBMS) at the xMB reference point".

[11] 3GPP TS 29.214: "Policy and Charging Control over Rx reference point".

[12] 3GPP TS 29.468: "Group Communication System Enablers for LTE (GCSE\_LTE); MB2 Reference Point; Stage 3".

\* \* \* Next Change \* \* \* \*

## 3.1 Terms

For the purposes of the present document, the terms given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**Remote Identification (Remote ID) of UAS:** The ability of a UAS to provide identification and tracking information that can be received by other parties, to facilitate advanced operations for the UAS (such as Beyond Visual Line of Sight operations as well as operations over people), assist regulatory agencies, air traffic management agencies, law enforcement, and security agencies when a UAS appears to be flying in an unsafe manner or where the UAS is not allowed to fly.

**UAS Service Supplier (USS):** An entity that provides services to support the safe and efficient use of airspace by providing services to the operator / pilot of a UAS in meeting UTM operational requirements. A USS can provide any subset of functionality to meet the provider's business objectives (e.g., UTM, Remote Identification).

**UAV:** The Uncrewed Aerial Vehicle (also called remotely piloted aircraft or drone) of a UAS.

For the purposes of the present document, the following terms given in 3GPP TS 22.125 [2] apply

**Command and Control (C2) Communication**

**Uncrewed Aerial System (UAS)**

**Uncrewed Aerial System Traffic Management (UTM)**

**UAV controller**

For the purposes of the present document, the following terms given in clause 4.2 of 3GPP TS 22.125 [2] apply

**Direct C2 Communication**

**Network-Assisted C2 communication**

**UTM-Navigated C2 communication**

## 3.2 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

BVLOS Beyond Visual Line Of Sight

C2 Command and Control

CAPIF Common API Framework for northbound APIs

QoS Quality of Service

SEAL Service Enabler Architecture Layer

UAE UAS Application Enabler

UAS Uncrewed Aerial System

UAV Uncrewed Aerial Vehicle

UAV-C Uncrewed Aerial Vehicle-Controller

USS UAS Service Supplier

UTM UAS Traffic Management