**3GPP TSG-SA WG6 Meeting #35 S6-200167**

**Hyderabad, India, 13th - 17th Jan 2020 was revision of S6-200085**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.286** | **CR** | **0016** | **rev** | 1 | **Current version:** | **16.2.0** |  |
|  | | | | | | | | |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)*** *on using this form: comprehensive instructions can be found at  <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:*** | Align with TS 23.434 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | V2XAPP | | | | |  | ***Date:*** | | | 2019-01-06 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Some subclauses number in TS 23.434 are changed | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Align with TS 23.434 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Wrong references to subclause number in TS 23.434 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 2, 9.1.1.2, 9.1.3.2, 9.1.6.2, 9.1.6.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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's revision history:*** | |  | | | | | | | | |

#### 

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

#### 9.1.1.2 Information flows

The following information flows of group management service of SEAL as specified in 3GPP TS 23.434 [6] are applicable for the V2X applications:

- Group creation request specified in subclause 10.3.2.1;

- Group creation response specified in subclause 10.3.2.2;

- Group creation notification specified in subclause 10.3.2.3;

- Group information query request specified in subclause 10.3.2.4;

- Group information query response specified in subclause 10.3.2.5;

- Group membership update request specified in subclause 10.3.2.6;

- Group membership update response specified in subclause 10.3.2.7;

- Group membership notification specified in subclause 10.3.2.8;

- Group deletion request specified in subclause 10.3.2.9;

- Group deletion response specified in subclause 10.3.2.10;

- Group deletion notification specified in subclause 10.3.2.11;

- Group information request specified in subclause 10.3.2.12;

- Group information response specified in subclause 10.3.2.13;

- Group information subscribe request specified in subclause 10.3.2.14;

- Group information subscribe response specified in subclause 10.3.2.15;

- Group information notify request specified in subclause 10.3.2.16;

- Group information notify response specified in subclause 10.3.2.17;

- Store group configuration request specified in subclause 10.3.2.18;

- Store group configuration response specified in subclause 10.3.2.19;

- Get group configuration request specified in subclause 10.3.2.20;

- Get group configuration response specified in subclause 10.3.2.21;

- Subscribe group configuration request specified in subclause 10.3.2.22;

- Subscribe group configuration response specified in subclause 10.3.2.23;

- Notify group configuration request specified in subclause 10.3.2.24;

- Notify group configuration response specified in subclause 10.3.2.25;

- Configure VAL group request specified in subclause 10.3.2.26;

- Configure VAL group response specified in subclause 10.3.2.27;

- Group announcement specified in subclause 10.3.2.28;

- Group registration request specified in subclause 10.3.2.29;

- Group registration response specified in subclause 10.3.2.30;

- Identity list notification specified in subclause 10.3.2.31;

- Group de-registration request specified in subclause 10.3.2.32;

- Group de-registration response specified in subclause 10.3.2.33;

\* \* \* Second Change \* \* \* \*

#### 9.1.3.2 Information flows

The following information flows of location management service of SEAL as specified in 3GPP TS 23.434 [6] are applicable for the V2X applications:

- Location reporting configuration request specified in subclause 9.3.2.0;

- Location reporting configuration response specified in subclause 9.3.2.1;

- Location information report specified in subclause 9.3.2.2;

- Location information request specified in subclause 9.3.2.3;

- Location reporting trigger specified in subclause 9.3.2.4;

- Location information subscription request specified in subclause 9.3.2.5;

- Location information subscription response specified in subclause 9.3.2.6;

- Location information notification specified in subclause 9.3.2.7;

\* \* \* Third Change \* \* \* \*

#### 9.1.6.2 Information flows

The following information flows of network resource management service of SEAL specified in 3GPP TS 23.434 [6] are applicable for the V2X applications:

- Network resource adaptation request specified in subclause 14.3.2.1;

- Network resource adaptation response specified in subclause 14.3.2.2;

- MBMS bearer announcement specified in subclause 14.3.2.3;

- MBMS listening status report specified in subclause 14.3.2.4; and

- MBMS suspension reporting instruction specified in subclause 14.3.2.5;

- Resource request specified in subclause 14.3.2.6;

- Resource response specified in subclause 14.3.2.7;

- Resource modification request specified in subclause 14.3.2.8;

- Resource modification response specified in subclause 14.3.2.9;

- MBMS bearers request specified in subclause 14.3.2.10;

- MBMS bearers response specified in subclause 14.3.2.11;

#### - User plane delivery mode specified in subclause 14.3.2.12;9.1.6.3 Procedures

The following procedures of network resource management service of SEAL specified 3GPP TS 23.434 [6] are applicable for the V2X applications:

- Request for unicast resources at VAL service communication establishment specified in subclause 14.3.3.2.1;

- Request for modification of unicast resources specified in subclause 14.3.3.2.2;

- Network resource adaptation specified in subclause 14.3.3.3.1;

- Use of pre-established MBMS bearers specified in subclause 14.3.4.2;

- Use of dynamic MBMS bearer establishment specified in subclause 14.3.4.3;

- MBMS bearer announcement over MBMS bearer specified in subclause 14.3.4.4;

- MBMS bearer quality detection specified in subclause 14.3.4.5;

- Service continuity in MBMS scenarios specified in subclause 14.3.4.6;

- MBMS suspension notification specified in subclause 14.3.4.7; and

- MBMS bearer event notification specified in subclause 14.3.4.8;

- Switching between MBMS bearer and unicast bearer specified in subclause 14.3.4.9.

\* \* \* Fourth 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 22.185: "Service requirements for V2X services; Stage 1".

[3] 3GPP TS 22.186: "Enhancement of 3GPP support for V2X scenarios; Stage 1".

[4] 3GPP TS 23.280: "Common functional architecture to support mission critical services".

[5] 3GPP TS 23.285: "Architecture enhancements for V2X services".

[6] 3GPP TS 23.434: "Service enabler architecture layer for verticals; Functional architecture and information flows".

\* \* \* End Change \* \* \* \*