**3GPP TSG- Meeting #**

**, -**  **(revision of S6-210756)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  |  | **CR** |  | **rev** |  | **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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** |  | | | | | | | | | |
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| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
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| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***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 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 TS23.286, it is proposed to include cases for network resource management services without SIP core defined in TS 23.434. | | | | | | | | |
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| ***Summary of change:*** | | This contribution adds chapter link for the procedures of network resource management service of SEAL that specified in 3GPP TS 23.434 for the V2X applications, it is to include network resource management without SIP core. | | | | | | | | |
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| ***Consequences if not approved:*** | | Unicast resource management scenarios are not completed. | | | | | | | | |
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| ***Clauses affected:*** | | 9.1.6.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \*

9.1.6 Network resource management service

9.1.6.1 General

The VAE capabilities (VAE client and VAE server) utilizes network resource management service procedures of SEAL to support V2X services.

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;

- 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; and

- 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 resourcesspecified in subclause 14.3.3.2.2;

- Network resource adaptation specified in subclause 14.3.3.3.1;

- Request for unicast resources at VAL service communication establishment specified in subclause 14.3.3.3.2;

- Request for modification of unicast resources specified in subclause 14.3.3.3.3;

- 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;

- MBMS bearer event notification specified in subclause 14.3.4.8; and

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

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