**3GPP TSG-SA WG6 Meeting #40-e S6-202146**

**e-meeting, 16th – 24th November 2020 (revision of S6-xxxxxx)**

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| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **23.286** | **CR** |  | **rev** | **<Rev#>** | **Current version:** | **16.4.0** |  |
|  |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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|  |
| ***Title:***  | Clarifications for netwok monitoring information notification |
|  |  |
| ***Source to WG:*** | CATT |
| ***Source to TSG:*** | S6 |
|  |  |
| ***Work item code:*** | V2XAPP |  | ***Date:*** | 2020-11-11 |
|  |  |  |  |  |
| ***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 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | As previously discussed in S6-201904, the parameter Congestion level in network monitoring information notification is presented in different forms between 4G and 5G system. For the alignment of parameter names it is proposed to change Congestion Level to Congestion Information.The parameter “Overload level” is not exposed from EPC. It is proposed to remove this parameter. |
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| ***Summary of change:*** | Change the parameter Congestion level to Congestion informaiton and remove the overload level. |
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| ***Consequences if not approved:*** | Paramter for network monitoring is not usable. Parameter is not aligned between 4G and 5G system. |
|  |  |
| ***Clauses affected:*** | 9.7.2.3 |
|  |  |
|  | **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 \* \* \* \*

#### 9.7.2.3 Network monitoring information notification

Table 9.7.2.3-1 describes the information flow network monitoring information notification from the VAE server to the VAE client.

Table 9.7.2.3-1: Network monitoring information notification

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| V2X UE ID | M | Identity of the subscribed V2X UE |
| Network monitoring information | M | This includes information on network status for the triggering criteria, and may include the following parameters:- Uplink quality level - Congestion information- Geographical Area (cell area or TA for which the monitoring applies)- Time Validity (the period for which the monitoring applies)- Coverage level and bearer level events (optionally, for MBMS) |