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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CHANGE REQUEST** | | | | | | | | | | | | | | | |
|  | ETSI TS 103 300-3 | | | **Version** | 2.1.2 | **CR** | | 1 | | **rev** | | | | - |  |
|  | | | | | | | | | | | | | | | |
| **CR Title** | | Change value of VAM MessageId to prevent collision with CPM | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | |
| **Original Source** | | ITS WG 1 | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | |
| **Work Item Ref** | | N/A | | | | | **Submission date** | | | | | 30/03/2022 | | | |
| **Approving TB** | | ITS | | | | | **Approval date** | | | | |  | | | |
| **Category:** | | **C** | **Release** | | | | | | | | 2 | | |  | |
|  | | Use **one** of the following categories: **F** (correction) **A** (correction in an earlier release) **B** (addition of feature)  **C** (functional modification of feature) **D** (editorial modification) | | | | | | | | | | |  | | |
|  | |  | | | | | | | | | | | | | |
| **Reason for change** | | | During ITSWG1#59, it was decided to change the MessageId value of the VAM in TS 103 300-3 (VRU basic service) because of a conflict with the MessageId used by the CPM. | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Consequence if not approved** | | | The VAM and the CPM will use the same MessageId | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Summary of change** | | | The MessageId value will be changed from 14 to 16, as proposed by the CDD rapporteur. | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Clauses affected** | | | Annex B.1.1 and the asn.1 module of the VAM in the ETSI gitlab | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Linked Change Requests** | | | Initially submitted as contribution ITSWG1(22)000081 | | | | | |  | | | | | | |
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| **Other comments** | | | IMPORTANT: The change below applies to the current published version of TS 103 300-3 V2.1.2 and does NOT take into account future changes expected from the CDD (ETSI TS 102 894-2) Release 2 finalization. | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |

The following changes (in red below) should be applied:

## B.1.1 header

|  |  |
| --- | --- |
| Description | ITS PDU header of the VAM. This DF includes DEs for the VAM *protocolVersion*, the VAM message type identifier *messageID* and the station identifier *stationID* of the originating ITS-S.  The DE *protocolVersion* is used to select the appropriate protocol decoder at the receiving ITS-S.  This DE *messageID* should be harmonized with other C-ITS message identifier definitions. |
| Insertion in VAM | Mandatory. |
| Data setting and presentation requirements | For the present document, the value of the DE *protocolVersion* shall be set to 1.  For VAM, the DE *messageID* shall be set to vam(~~14~~16).  The StationID shall be locally unique.  This DF shall be presented as specified in clause E.3*.* |

E.3 DF\_ItsPduHeader

|  |  |
| --- | --- |
| * **Descriptive Name** | * ItsPduHeader |
| * **Identifier** | * DataType\_114 (in ETSI TS 102 894-2 [7]) |
| * **current ASN.1 representation** | ItsPduHeader ::= SEQUENCE {  protocolVersion INTEGER (0..255),  messageID INTEGER{ denm(1), cam(2), poi(3), spatem(4), mapem(5),  ivim(6), ev-rsr(7), tistpgtransaction(8), srem(9), ssem(10),  evcsn(11), saem(12), rtcmem(13) } (0..255),  stationID StationID  } |
| * **Changes** | * - Add the following to the definition of messageID:   vam(~~14~~16): Vulnerable Road User (VRU) Awareness Message (VAM) as specified in ETSI TS 103 300-3 (the present document)   * - Revise the ASN.1 representation accordingly |
| * **proposed ASN.1 representation** | ItsPduHeader ::= SEQUENCE {  protocolVersion INTEGER (0..255),  messageID INTEGER{ denm(1), cam(2), poi(3), spatem(4), mapem(5),  ivim(6), ev-rsr(7), tistpgtransaction(8), srem(9), ssem(10),  evcsn(11), saem(12), rtcmem(13), vam(~~14~~16) } (0..255),  stationID StationID  } |

Furthermore, the following lines should be changed in the asn.1 module *VAM-Temp-Imports.asn:*

ItsPduHeader ::= SEQUENCE {

protocolVersion INTEGER (0..255),

messageID INTEGER{ denm(1), cam(2), poi(3), spatem(4), mapem(5), ivim(6), ev-rsr(7), tistpgtransaction(8), srem(9), ssem(10), evcsn(11), saem(12), rtcmem(13), vam(~~14~~16) } (0..255), -- Mantis #7209, #7005

stationID StationID

}