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| **CHANGE REQUEST** | | | | | | | | | | | | | | | |
|  | ETSI TS 102 894-2 | | | **Version** | 1.3.1 | **CR** | | *2* | | **rev** | | | | - |  |
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| **CR Title** | | Harmonize the use of vehicle dimensions between ETSI Documents | | | | | | | | | | | | | |
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| **Original Source** | | ITS WG1 | | | | | | | | | | | | | |
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| **Work Item Ref** | | RTS/ITS-00148 | | | | | **Submission date** | | | | | 02.06.2020 | | | |
| **Approving TB** | | ITS | | | | | **Approval date** | | | | | 05.08.2020 | | | |
| **Category:** | | **F** | **Release** | | | | | | | | 1 | | |  | |
|  | | 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) | | | | | | | | | | |  | | |
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| **Reason for change** | | | There is an inconsistency between the EN 302 637-2 (CA Service), the TS 102 894-2 (CDD) and the EN 302 890-2 (PoTi). Whereas the CA-Service and the CDD state that the vehicle width DF (Clause B.36 in CA-Service; Clause A.95 in CDD) shall include the width of the vehicle ITS-S with side mirrors included, the PoTi EN (Clause 6.2.2) states that side mirrors are excluded. It is proposed to follow the interpretation of the PoTi EN as the detection of side mirrors is difficult for perception sensors from other vehicles. However, the vehicle width information could be used in data association algorithms. A vehicle following the vehicle ITS-S disseminating the e.g., CAM with this information is likely not to perceive the width including the side mirrors. | | | | | | | | | | | | |
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| **Consequence if not approved** | | | Non-hamonized use of the vehicleWidth DE between different ITS-S due to contradicting specifications | | | | | | | | | | | | |
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| **Summary of change** | | | Change wording in Clause A.95 of TS 102 894-2 to “Width of a vehicle, excluding side mirrors and possible similar extensions. For a vehicle width equal to or greater than  6,1 metres, the value shall be set to 61. The value shall be set to 62 if the information is unavailable.” | | | | | | | | | | | | |
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| **Clauses affected** | | | A.95 of TS 102 894-2 | | | | | | | | | | | | |
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| **Linked Change Requests** | | | See above | | | | | |  | | | | | | |
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| **Other comments** | | |  | | | | | | | | | | | | |
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1. 95 DE\_VehicleWidth

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| **Descriptive Name** | VehicleWidth |
| **Identifier** | DataType\_ 95 |
| **ASN.1 representation** | VehicleWidth ::= INTEGER {tenCentimeters(1), outOfRange(61), unavailable(62)} (1..62) |
| **Definition** | ~~Width of a vehicle, including side mirrors. For a vehicle width equal to or greater than 6,1 metres, the value shall be set to 61. The value shall be set to 62 if the information is unavailable.~~  Width of a vehicle, excluding side mirrors and possible similar extensions. For a vehicle width equal to or greater than 6,1 metres, the value shall be set to 61. The value shall be set to 62 if the information is unavailable. |
| **Unit** | 0,1 metre |
| **Category** | Vehicle information |