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| **CHANGE REQUEST** | | | | | | | | | | | | | | | |
|  | ETSI EN 302 637-2 | | | **Version** | 1.4.1 | **CR** | | *3* | | **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** | | REN/ITS-0010089 | | | | | **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 B.36 of EN 302 637-2 to “Vehicle width of the vehicle ITS-S that originates the CAM, excluding side mirrors and possible similar extensions.” | | | | | | | | | | | | |
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| **Clauses affected** | | | B.36 | | | | | | | | | | | | |
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| **Linked Change Requests** | | | See below | | | | | |  | | | | | | |
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| **Other comments** | | |  | | | | | | | | | | | | |
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# B.36 vehicleWidth

**Change to:**

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| Description | ~~Vehicle width, measured of the vehicle ITS-S that originates the CAM, including side mirrors.~~  Vehicle width of the vehicle ITS-S that originates the CAM, excluding side mirrors and possible similar extensions.” |
| Data setting and presentation requirements | The DE shall be presented as specified inETSI TS 102 894-2 [2] *VehicleWidth.* |