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| **CHANGE REQUEST** |
|  | ETSI TS 102 894-2 | **Version** | 0.0.1\_2.1.1 | **CR** | *6* | **rev** | - |  |
|  |
| **CR Title** | Add SubCauseCode 10 (fire) to CauseCode 9 in CDD |
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| **Original Source** | ITS WG1 |
|  |  |
| **Work Item Ref** | RTS/ITS-00194 | **Submission date** |  |
| **Approving TB**  | ITS | **Approval date** | 02.07.2021 |
| **Category:** | **B** | **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) |  |
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| **Reason for change** | A specific SubCauseCode shall be made available to enable the DEN service to signal a “fire on or near the road”.  |
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| **Consequence if not approved** | A DENM cannot be issued by e.g. an RSU, the fire brigade / a rescue team / the police or equivalent |
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| **Summary of change** | Add the name *fire* to value 10 in *HazardousLocation-SurfaceConditionSubCauseCode* |
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| **Clauses affected** | A.33 and Annex B |
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| **Linked Change Requests** |  |  |
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| **Other comments** | The ASN.1 encoding is not affected since the change only assigns a name to a previously reserved value.  |
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# A.33 DE\_HazardousLocation-SurfaceConditionSubCauseCode

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| **Descriptive Name** | HazardousLocation-SurfaceConditionSubCauseCode |
| **Identifier** | DataType\_ 33 |
| **ASN.1 representation** | HazardousLocation-SurfaceConditionSubCauseCode ::= INTEGER {unavailable(0), rockfalls(1), earthquakeDamage(2), sewerCollapse(3), subsidence(4), snowDrifts(5), stormDamage(6), burstPipe(7), volcanoEruption(8), fallingIce(9) fire(10)} (0..255)  |
| **Definition** | Encoded value of the sub cause codes of the event type "hazardousLocation-SurfaceCondition" as specified in clause A.10. Definition of the sub event cause is defined and the value is assigned according to clause 7.1.4 of ETSI EN 302 637-3 [i.3].The sub causes are described as following:* unavailable(0): in case further detailed information on the road surface condition is unavailable,
* rockfalls(1): in case rock falls are detected on the road surface,
* earthquakeDamage(2): in case the road surface is damaged by earthquake,
* sewerCollapse(3): in case of sewer collapse on the road surface,
* subsidence(4): in case road surface is damaged by subsidence,
* snowDrifts(5): in case road surface is damaged due to snow drift,
* stormDamage(6): in case road surface is damaged by strong storm,
* burstPipe(7): in case road surface is damaged due to pipe burst,
* volcanoEruption(8): in case road surface is damaged due to volcano eruption,
* fallingIce(9): in case road surface damage is due to falling ice,
* fire(10): in case there is fire on or near to the road surface,
* value 11-255: reserved for future usage.
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| **Unit** | N/A |
| **Category** | Traffic information |