|  |
| --- |
| **Test operator information** |
| **Company** |  |
| **Test operatorName/E-mail** |  |
| **OBU identifier** |  |
| **Test date/timeStart and end** |  |
| **Log file name/format** |  |

|  |
| --- |
| **InterCor Interoperability Test Case** |
| **Test Identifier** | Scenario2\_TC1 |
| **Test Objective** | To test the CRW use case and the DENM update mechanism in actual road conditions. |
| **Test Scenario used** | **Scenario 2 CRW Test Vehicle with DENM active** The use case is of type known (i.e. planned in scope of tests) and of type virtual DENM (i.e. received info does not reflect the actual situation). |
| **Pre-test Conditions** | * Test configuration as specified in<http://intercor-project.eu/wp-content/uploads/sites/15/2017/06/Plan-of-Action-Testfest-ITS-G5_v-1.0-Participants.pdf> is implemented.
* Participants have been able to test their test vehicle (OBU) with DENM messages of scenario 6 (Site) and/or with PCAP files.
* Test scenario is activated between A16L 29,4 and A16L 32,4.
	+ RSUs are active and send DENM messages for this scenario. 2 DENM messages for RWW content.
	+ DENM messages for scenario 2 (CRW with virtual DENM) can be identified by OBU as virtual, and can be separated from messages from scenario unknown-real-DENM messages.
* Test vehicle is outside the radio transmission range of active RSU for this scenario, i.e. has not received/stored messages for this scenario.
* Test vehicle drives from South to North and passes the relevance area for this scenario.
 |
| **Test Sequence** | **Step** | **Type** | **Action: Description****Check: Expected behaviour** | **Observation** |
| 1 | action | Test Vehicle (TV) enters test area for this scenario from the South (between A16L km 32,4 and 29,4).TV receives messages from RSUs: 1 DENM with CRW and 1 update of this DENM. | Information of individual gantries is displayed to the driver between km 32,4 and 29,4. The HMI should show warning messages and location/distance indications. |
| 2 | check | HMI display at km 30,7 |  |
| 3 | check | HMI display at km 28,3 The location/distance indication is updated after the reception of the update DENM |  |
| 4 | check | Only 1 warning is shown at any time, so never a warning for 28,3 AND a warning for 30,7. |  |
| 5 | action  | TV leaves test area. |  |
| 6 | check | No information is shown when the TV has left last relevance zone. |  |

|  |
| --- |
| **Test operator information** |
| **Company** |  |
| **Test operatorName/E-mail** |  |
| **OBU identifier** |  |
| **Test date/timeStart and end** |  |
| **Log file name/format** |  |

|  |
| --- |
| **InterCor Interoperability Test Case** |
| **Test Identifier** | Scenario2\_TC2 |
| **Test Objective** | To test that the information related to scenario 2 is not shown when passing the test area in the opposite direction of the motorway. |
| **Test Scenario used** | **Scenario 2 CRW - Test Vehicle with DENM active** The use case is of type known (i.e. planned in scope of tests) and of type virtual DENM (i.e. received info does not reflect the actual situation). |
| **Pre-test Conditions** | * Test configuration as specified in<http://intercor-project.eu/wp-content/uploads/sites/15/2017/06/Plan-of-Action-Testfest-ITS-G5_v-1.0-Participants.pdf> is implemented.
* Participants have been able to test their test vehicle (OBU) with DENM messages of scenario 6 (Site) and/or with PCAP files.
* Test scenario is activated between A16L 29,4 and A16L 32,4.
	+ RSUs are active and send DENM messages for this scenario. 2 DENM messages for RWW content
	+ DENM messages for scenario 2 (CRW with virtual DENM) can be identified by OBU as virtual, and can be separated from messages from scenario unknown-real-DENM messages.
* Test vehicle is outside the radio transmission range of active RSU for this scenario, i.e. has not received/stored messages for this scenario.
* Test vehicle drives from North to South and passes the relevance area for this scenario on the opposite side of the motorway.
 |
| **Test Sequence** | **Step** | **Type** | **Action: Description****Check: Expected behaviour** | **Observation** |
| 1 | action | Test Vehicle (TV) drives in opposite direction (North to South) of test area for this scenario between A16L 29,4 and 32,4).TV receives messages from RSUs: 1 DENM with CRW and 1 update of this DENM. |  |
| 2 | check | Information of CRW is NOT shown to the driver. The HMI should show NO warning message. |  |
| 3 | action  | TV leaves test area. |  |
| 4 | check | No information is shown when the TV has left last relevance zone. |  |