Test description

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| **Test ID** | MIP4SLT3IS\_5241 |
| **Test Title** | Create ObstacleLane (GeometricDefinition Sub-Type = Line). |
| **Execution Priority** | 1 |
| **Objective** | BSO validation.Verify the ability to create ObstacleLane (ControlFeature) represented as Line in a nation’s C2IS. |
| **Scenario** | Nation A creates two ObstacleLanes (ControlFeatures) represented as Line with different orientation.  Nation B receives the information and interprets it correctly. |
| **Environment** | Internet or Co-located. Exchange Pattern: R/R, P/S. |
| **Participation** | 2 |
| **MTRS** | Applicable |
| **Pre-test Conditions** | Nation A has created a Topic which includes message elements for Obstacles (belonging in the ControlFeature message schema area), for instance Ground Picture > Mobility/Counter-Mobility.  Nation B has subscribed to this Topic. |
| **Test Inputs** | N/A. |
| **Conclusion** | This test is considered a success if the created ObstacleLane ControlFeatures are displayed correctly on both Nations’ C2IS. |
| **Test Outputs** | N/A. |
| **Traceability** | REQ\_INF\_0002. |

Test Procedure

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| --- | --- | --- | --- | --- |
| Step | Action | Expected Result | Src | Dst |
|  | Nation A creates an ObstacleLane ControlFeature represented as Line with a horizontal orientation. ~~ | Nation B receives and displays the ObstacleLane correctly. ~~ | 1 | 2 |
|  | Nation A creates an ObstacleLane ControlFeature represented as Line with a vertical orientation. ~~ | Nation B receives and displays the ObstacleLane correctly. ~~ | 1 | 2 |

**Configuration**

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| --- | --- | --- |
| Item | Value | Comment |
| EventGeneration | 1 | 0 🡪 Combine steps to one event in the MTMT, generate new MTMT events on every source - destination change. 1 🡪 Every step will be added to the MTMT as a separate event. |