Test description

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| **Test ID** | MIP4SLT3IS\_5439 |
| **Test Title** | Create MaritimeMinefield with CasualtyEstimate. |
| **Execution Priority** | 1 |
| **Objective** | BSO validation. Test whether the Producer/Provider is able to create the correct MIP data for an MaritimeMinefield with CasualtyEstimate and the Consumers are able to correctly understand (and display) it.  This case is focused on the MaritimeMinefield’s CasualtyEstimate element. |
| **Scenario** | The Producer creates message elements for MaritimeMinefield including a CasualtyEstimate element. The Consumers receive the data and process them. |
| **Environment** | Internet or Co-located. Exchange Pattern: R/R, P/S. |
| **Participation** | 2 or more. |
| **MTRS** | N/A |
| **Pre-test Conditions** | The Producer/Provider has created the ‘Maritime Picture’ topic (for instance, a Topic where these kind of facilities should belong). The Consumers have subscribed to this topic. |
| **Test Inputs** | N/A. |
| **Conclusion** | This test is considered a success if the Facility and all attributes and elements are processed and interpreted correctly on all Nations’ C2IS. |
| **Test Outputs** | N/A. |
| **Traceability** | REQ\_INF\_0002. |

Test Procedure

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| Step | Action | Expected Result | Src | Dst |
|  | The Producer creates the MaritimeMinefield with name ***XXX\_MM\_439*** and fills **ALL** elements with values, taking special care to set CasualtyEstimate.  **Notices:**  XXX in name of the object is meant (in principle) to be replaced by the 3 letter code of the country name.  Example for the name of the Facility: ESP\_MM\_439 ~~ | Consumers receive and process (and display) the MaritimeMinefield with CasualtyEstimate that the Producer created. ~~ | 1 | 2 |
|  | The Producer creates an update for the object by **changing its CasualtyEstimate element with other value**, keeping the values of the rest of elements. ~~ | Consumers receive and process (and display) the MaritimeMinefield with another CasualtyEstimate and all elements that the Producer created. ~~ | 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. |