| **Test Name** | Estimated Fill Time Updates |
| --- | --- |
| **Use Case Tested:** | Dashboard estimates tank fill time |
| **Test Description:** | This test verifies the business rules automatically update the estimated tank fill time. |
| **Pre-conditions** | * None. |
| **Post-conditions** | * Estimated tank fill time value is correct. |
| **Notes:** | This test must be performed using the tank level sensor simulator. |

|  | **TEST STEP** | **EXPECTED TEST RESULTS** |
| --- | --- | --- |
|  | Send a tank level sensor message with a depth of -0.5m. | The estimated time on the dashboard shows 8h 0m. |
|  | Send a tank level sensor message with a depth of 0m. | The estimated time on the dashboard shows 7h 56m. |
|  | Send a tank level sensor message with a depth of 0.91m. | The estimated time on the dashboard shows 4h 19m. |
|  | Send a tank level sensor message with a depth of 1.8m. | The estimated time on the dashboard shows 0h 47m. |
|  | Send a tank level sensor message with a depth of 2.0m. | The estimated time on the dashboard shows 0h 15m. |
|  | Send a tank level sensor message with a depth of 2.2m. | The estimated time on the dashboard shows 0h 15m. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| [Data field 1] | [data set 1 input value for field 1] |  |  |  |  |
| [Data field 2] | [data set 1 input value for field 2] |  |  |  |  |
| [Data field 3] | [data set 1 input value for field 3] |  |  |  |  |

**Results**

11/09/2020

Success.

