Tech Debt and other improvement opportunities - AutoMax (ARGO-320449)

[ARGO-337551] Testcommand to support CRUD operations with BusBar to use in Regression Foundry

Automation Created: 04/Oct/24 Updated: 11/Dec/24 Resolved: 10/Dec/24

Status:	Demo Review
Project:	SparcsN4
Components:	AutoRTG
Affects versions:	None
Fix versions:	4.0-Rel
Parent:	Tech Debt and other improvement opportunities - AutoMax

Type:	Story	Priority:	P3-Significant	
Reporter:	Vasanthakumar Chakkaravarthi	Assignee:	Peter Ireland	
Resolution:	Fixed	Votes:	0	
Labels:	None			
Σ Remaining Estimate:	Not Specified	Remaining Estimate:	Not Specified	
Σ Time Spent:	Not Specified	Time Spent:	Not Specified	
Σ Original Estimate:	Not Specified	Original estimate:	Not Specified	

Sub-tasks:	Key	Summary	Туре	Status	Assignee	
	ARGO-337552	QA - Regression/Automation	QA - Regression/Automation	Closed	Abinash M I	
	ARGO-340099	QA - Manual Testing - ARGO-337551 T	Sub-task	Closed	Abinash M I	
Epic Link:	Tech Debt and other	Tech Debt and other improvement opportunities - AutoMax				
Story Points:	3	3				
Sprint:	2024-Products-Spr	2024-Products-Sprint 50				
Team:	AutoMax	AutoMax				
Product Area:	Operations	Operations				

	luo.
Release Note Required:	NO
Does this user story meets our team's Definition of Ready?:	No
Work Allocation:	TechDebt
Developer Release Note:	Internal notes: <pre> <</pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
	<pre><parameter id="command" value="CreateBusBar"></parameter> <parameter id="blockName" value="A2"></parameter> <parameter id="orientation" value="COLHIGH"></parameter> <parameter id="status" value="WORKING"></parameter> </pre>
	<pre><groovy class-directory="test/extension/groovy" class-location="classpath" class-name="TestCommand"> <parameters> <parameter id="command" value="UpdateBusBar"></parameter> <parameter id="blockName" value="A2"></parameter> <parameter id="orientation" value="COLHIGH"></parameter> <parameter id="status" value="BROKEN"></parameter> </parameters> </groovy></pre>
	<pre><groovy class-directory="test/extension/groovy" class-location="classpath" class-name="TestCommand"> <parameters> <parameter id="command" value="GetBusBarStatus"></parameter> <parameter id="blockName" value="A2"></parameter> <parameter id="orientation" value="COLHIGH"></parameter> </parameters> </groovy></pre>
	<pre><groovy class-directory="test/extension/groovy" class-location="classpath" class-name="TestCommand"> <parameters> <parameter id="command" value="DeleteBusBar"></parameter> <parameter id="blockName" value="A2"></parameter> <parameter id="orientation" value="COLHIGH"></parameter> </parameters> </groovy></pre>
	<pre><groovy class-directory="test/extension/groovy" class-location="classpath" class-name="TestCommand"> <parameters> <parameter id="command" value="CreateBusBar"></parameter> <parameter id="blockName" value="A2"></parameter> <parameter id="command" value="XYZ"></parameter> <parameter id="status" value="WORKING"></parameter> </parameters> </groovy></pre>
	For Customer: <background></background>
	<resolution></resolution>
Critical Action Required:	No

Description

Testcommand to support CRUD operations with BusBar to use in Regression Foundry Automation

Work:

Create TestCommand APIs to create, read status, delete, update status of BusBar for a block.

This would help QA create end-to-end tests in Regression Foundry by calling these APIs.

Tech Details:

- Update the TestCommandCreate.groovy, TestCommandUpdate.groovy and TestCommandDelete.groovy to add methods for BusBar operations.
- Add specific methods for the operations specified in the list above in the relevant groovys (For the method structure, look at the other methods in these groovys for patterns)
 - Add clear javadocs for each method
 - Use ArgoService Tester in N4 to manually test the methods
 - Automated testing of these methods will happen once the API is used by the automation framework in QA (GroovyDSL / Regression Foundry)

Acceptance criteria:

Create methods for CRUD operations for BusBar and make sure they work fine in ArgoServiceTester:

```
<groovy class-location="classpath" class-directory="test/extension/groovy" class-name="TestCommand">
<parameters>
<parameter id="command" value="CreateBusBar" />
```

<parameter id="blockName" value="5B" />

<parameter id="orientation" value="COLHIGH/COLLOW" />

<parameter id="status" value="WORKING/BROKEN" />

</parameters>

</groovy>

Returns: BusBar created successfully

```
<groovy class-location="classpath" class-directory="test/extension/groovy" class-name="TestCommand">
<parameters>
<parameter id="command" value="VerifyBusBar" />
<parameter id="blockName" value="5B" />
```

```
<parameter id="orientation" value="COLHIGH/COLLOW" />
</parameters>
</groovy>
Returns: Status WORKING/BROKEN
<groovy class-location="classpath" class-directory="test/extension/groovy" class-name="TestCommand">
<parameters>
<parameter id="command" value="UpdateBusBar" />
<parameter id="blockName" value="5B" />
<parameter id="orientation" value="COLHIGH/COLLOW" />
<parameter id="status" value="WORKING/BROKEN" />
</parameters>
</groovy>
Returns: BusBar status updated successfully
<groovy class-location="classpath" class-directory="test/extension/groovy" class-name="TestCommand">
<parameters>
<parameter id="command" value="DeleteBusBar" />
<parameter id="blockName" value="5B" />
<parameter id="orientation" value="COLHIGH/COLLOW" />
</parameters>
</groovy>
Returns: BusBar deleted successfully
```

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