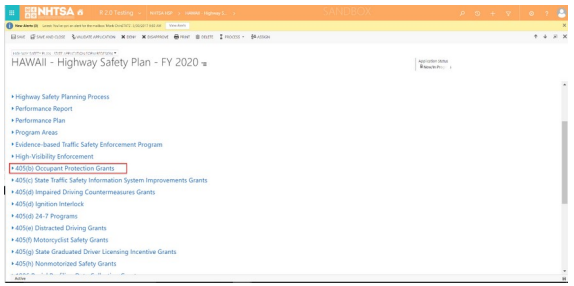
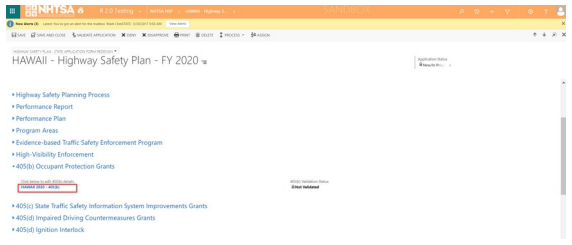
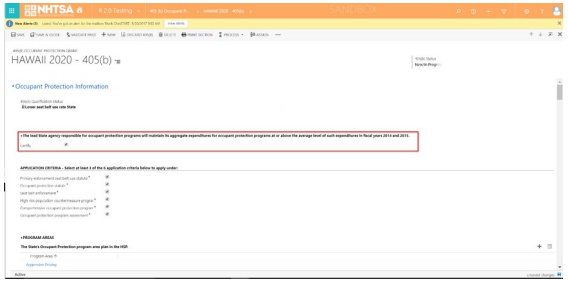
NHTSA Systems Developer Quality Assurance (QA) Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405b Low Use	**Tester(s):**	
Test Script ID:	GMSS-APP-405-0003	**Test Script Description:**	Verify the appropriate details and functionality of the 405(b) section on the NHTSA HSP for a LOW SEAT BELT USE RATE STATE	**Environment:**	
Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**	
				Pass/Fail:	Pass

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	Post Conditions
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

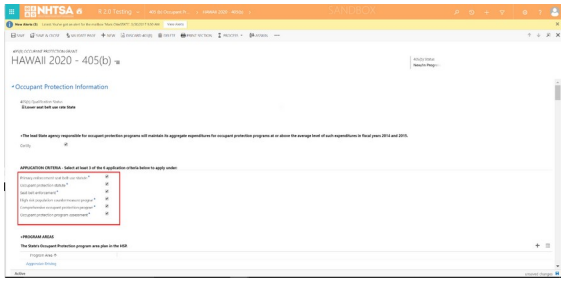
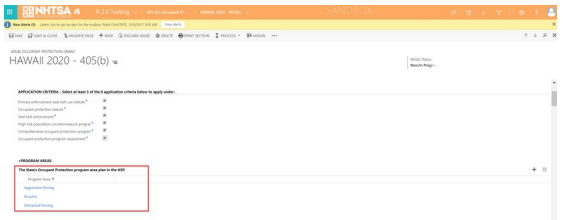
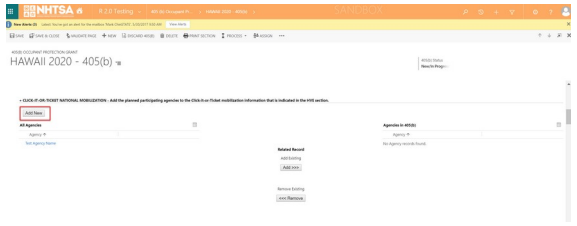
Step #	Role	Step Description	Visual	Expected Result	Actual Result (*Enter a description only if the result is different from Expected or if the step fails.*)	Status		
405(b) Lower Seat Belt Use Rate State Use								
1	All State users	Scroll toward the middle of the HSP page and click on **405(b) Occupant Protection Grants** to expand the section.		A link to the State's 405(b) application is displayed. The 405(b) Validation Status should be **Not Validated**.				
2	All State users	Click on the State's 405(b) application link.		The 405(b) application is displayed.				
3	All State users	Verify that the user can check the Certify checkbox displayed below **The lead State agency responsible for occupant protection programs will maintain its aggregate expenditures for occupant protection programs at or above the average level of such expenditures in fiscal years 2014 and 2015.**		The User is able to check the **Certify** checkbox.				

Integration Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405b Low Use	**Tester(s):**		
Test Script ID:	GMSS-APP-405-0003	**Test Script Description:**	Verify the appropriate details and functionality of the 405(b) section on the NHTSA HSP for a LOW SEAT BELT USE RATE STATE	**Environment:**		
Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**		
				Pass/Fail:	Pass	

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	Post Conditions
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

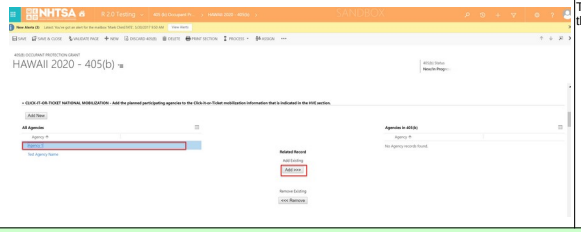
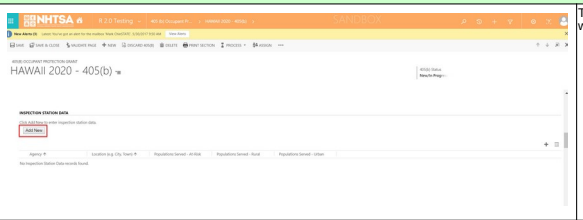
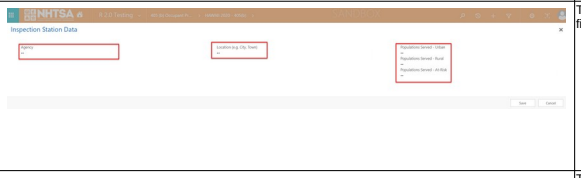
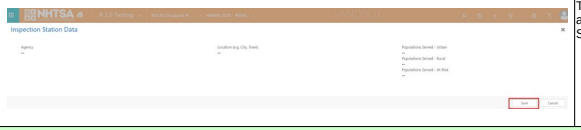
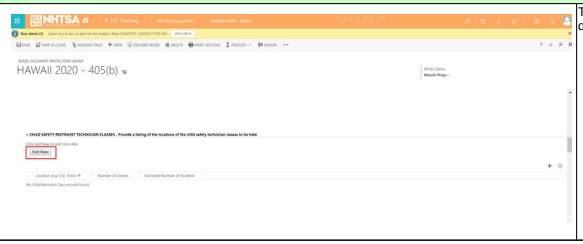
Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
4	All State users	Below the **Occupant Protection Information** section, click the checkboxes for application criteria. (Note: State users will be able to select a minimum of three application criteria. For testing purposes, select all six criteria to test the functionality and details of the application.)		The corresponding sections for the application criteria are generated.				
5	All State users	Verify that the programs areas added in the HSP are listed in the grid._x000D_ _x000D_ (Note: For the program areas to be listed in the grid, it needs to be added in the HSP -> Program Areas -> Yes on the Is this program area part of Occupant Protection Plan? question.		The program areas are listed in the grid.				
6	All State users	Scroll down to the **Click-It-Or-Ticket National Mobilization** and click the **Add New** button.		The **Agency** window is displayed.				
7	All State users	Enter a name in the **Agency Name**. Click the **Save** button.		The new agency is added in the **All Agencies** grid.				

Integration Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405b Low Use	**Tester(s):**		
Test Script ID:	GMSS-APP-405-0003	**Test Script Description:**	Verify the appropriate details and functionality of the 405(b) section on the NHTSA HSP for a LOW SEAT BELT USE RATE STATE	**Environment:**		
Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**		
				Pass/Fail:	Pass	

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

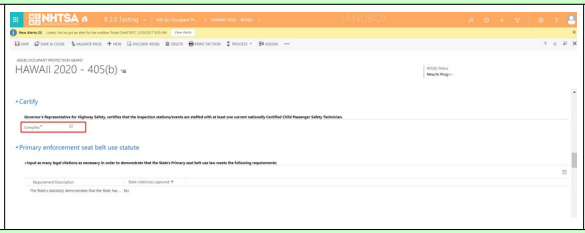
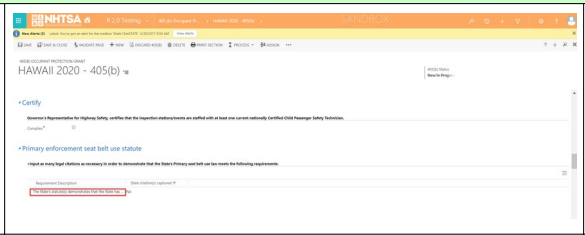
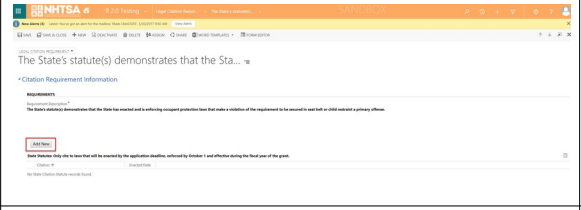
Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
8	All State users	Select the agency created in Step 7 and Click the **Add** button.		The Agency selected is added below the **Agencies in 405(b)** grid.				
Inspection Stations Data								
9	All State users	Click the **Add New** button.		The **Inspection Station Data** window is displayed.				
10	All State users	Enter values in the following fields: - Agency - Location (e.g. City, Town) - Populations Served - Urban - Populations Served - Rural - Populations Servied - At-Risk		The User is able to add values in the fields.				
11	All State users	Click the **Save** button.		The information entered in Step 10 are displayed in the Inspection Station Data table.				
Child Safety Restraint Technician Classes								
12	All State users	Click the **Add New** button.		The **Child Restraint Class** window is displayed.				

Integration Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405b Low Use	**Tester(s):**		
Test Script ID:	GMSS-APP-405-0003	**Test Script Description:**	Verify the appropriate details and functionality of the 405(b) section on the NHTSA HSP for a LOW SEAT BELT USE RATE STATE	**Environment:**		
Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**		
				Pass/Fail:	Pass	

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	Post Conditions
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
13		Enter values in the following fields: - Location (e.g. City, Town) - Number of Classes - Estimated Number of Students		The User is able to add values in the fields.				
14	All State users	Click the **Save** button.		The information entered in Step 13 are displayed in the Child Safety Restraint Technician Classes table.				
Certify								
15	All State users	Under the **Certify** section, click the **Complies** checkbox.		The User is able to check the **Complies** checkbox.				
Primary enforcement seat belt use statute								
16	All State users	Double-click on a Requirement Description.		The **Citation Requirement Information** page is displayed.				
17	All State users	Click the **Add New** button.		The **State Citation Statute** window is displayed.				
18	All State users	Enter values in the following fields: **- Statute Title** **- Enacted Date** **- Amended Date** Click the **Save** button.		The user is able to enter values in the fields. The Citation is now added in the Citation Requirement Information page.				

Integration Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405b Low Use	**Tester(s):**			
Test Script ID:	GMSS-APP-405-0003	**Test Script Description:**	Verify the appropriate details and functionality of the 405(b) section on the NHTSA HSP for a LOW SEAT BELT USE RATE STATE	**Environment:**			
Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**			
				Pass/Fail:	Pass		

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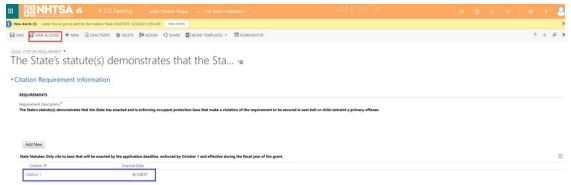
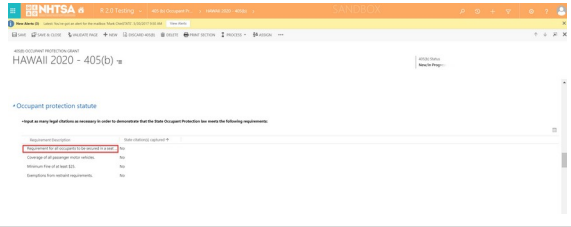
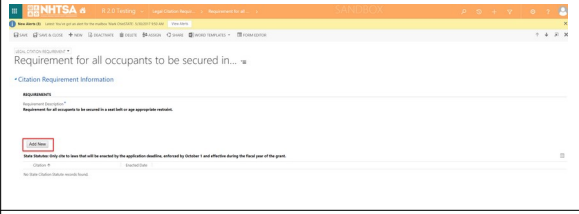
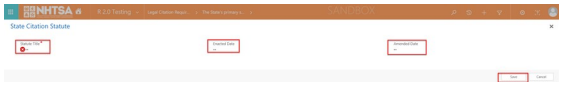
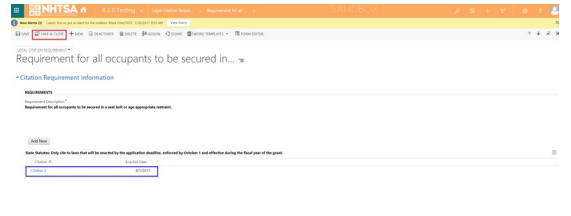
Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
19	All State users	Click the **Save & Close** button from the top header.		The system updated to **Yes** under **State citation(s) captured** column for the selected requirement. (The User will need to scroll back to the **Primary enforcement seat belt use statute** section to view the update.)				
Occupant protection statute								
20	All State users	Double-click on a Requirement Description.		The **Citation Requirement Information** page is displayed.				
21	All State users	Click the **Add New** button.		The **State Citation Statute** window is displayed.				
22	All State users	Enter values in the following fields: **- Statute Title** **- Enacted Date** **- Amended Date** Click the **Save** button.		The user is able to enter values in the fields. The Citation is now added in the Citation Requirement Information page.				
23	All State users	Click the **Save & Close** button from the top header.		The system updated to Yes under State citation(s) captured column for the selected requirement. (The User will need to scroll back to the **Occupant protection statute** section to view the update.)				
24	All State users	Repeat Steps 20-23 for the other legal requirement under the Occupant protection statute.		Same as above.				
Seat belt enforcement								

Integration Test Script

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Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**		
				Pass/Fail:	Pass	

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	Post Conditions
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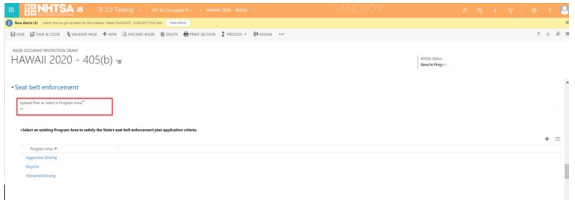
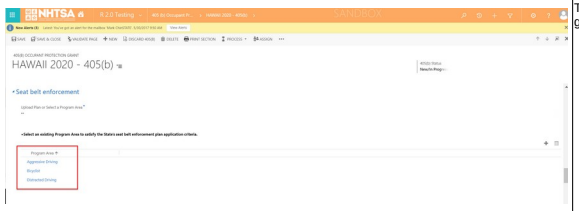
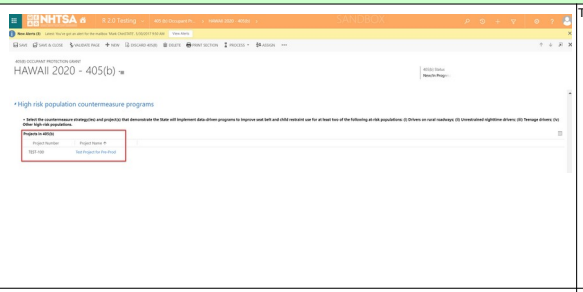
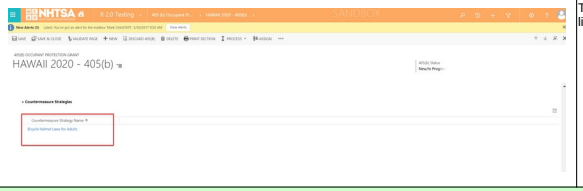
Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
25	All State users	Click **Upload Plan or Select a Program Area**. The options are: - Upload Plan to Application Documents area - Select Program Areas for seat-belt enforcement		The User is able to select "Select Program Area for seat-belt enforcement" or "Upload Plan to Application Documents area".				
26	All State users	Verify that the programs areas added in the HSP are listed in the grid._x000D_ _x000D_ (Note: For the program areas to be listed in the grid, it needs to be added in the HSP -> Program Areas -> Yes on the Is this program area part of Seat Belt Enforcement Plan? question.		The program areas are listed in the grid.				
High risk population countermeasure programs								
27	All State users	Verify that the project(s) added in the HSP are listed in the **Projects in 405(b)** grid._x000D_ _x000D_ (Note: For the countermeasure strategy to be listed in the grid, it needs to be added in the HSP -> Program Areas -> Countermeasure Strategies -> Add New -> Yes on the Is Part of Occupant ProtectionPlan? question -> Countermeasure Strategy -> Projects -> Add New -> Yes on the Is this project part of the Occupant ProtectionPlan? question.		The projects are listed in the grid.				
28	All State users	Scroll down and verify that the countermeasure strategies added in the HSP are listed in the **Projects in the** grid._x000D_ _x000D_ (Note: For the countermeasure strategy to be listed in the grid, it needs to be added in the HSP -> Program Areas -> Add New -> Countermeasure Strategies -> Add New -> Yes on the Is Part of Occupant ProtectionPlan? question.		The countermeasure strategies are listed in the grid.				
Comprehensive occupant protection program								

Integration Test Script

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Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**		
				Pass/Fail:	Pass	

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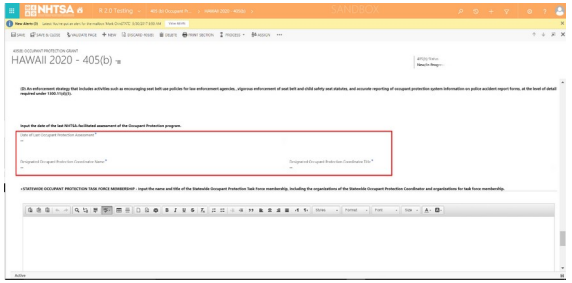
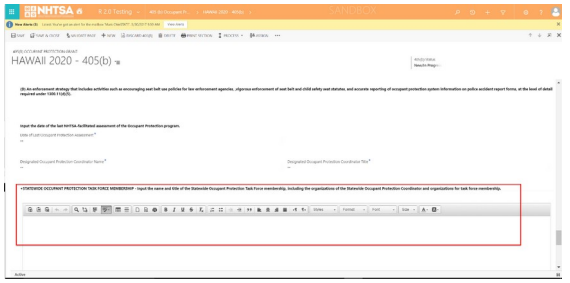
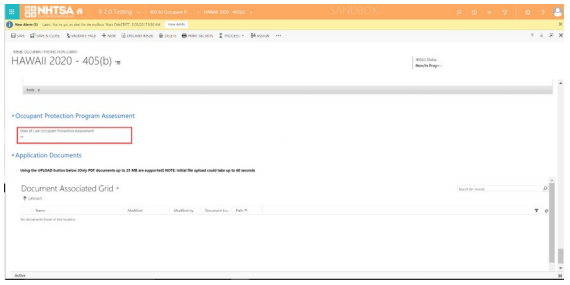
Preconditions	Post Conditions
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

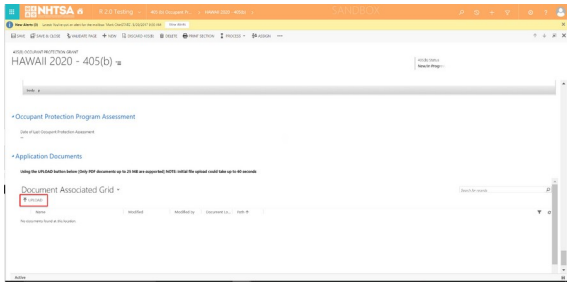
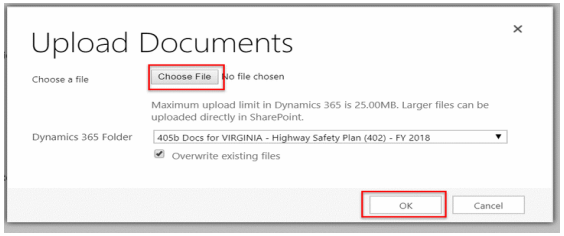
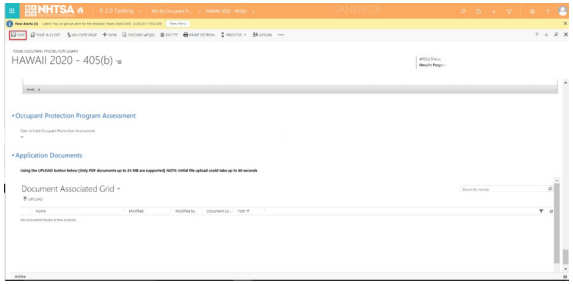
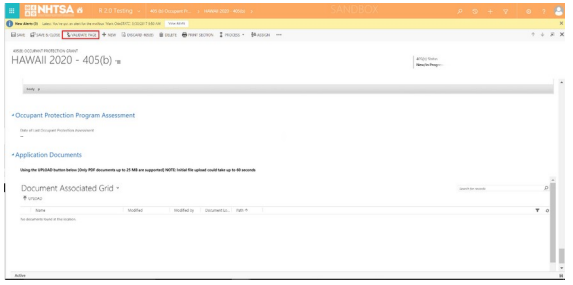
Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
29	All State users	Scroll down and enter values in the following fields: - Date of Last Occupant Protection Assessment - Designated Occupant Protection Coordinator Name - Designated Occupant Protection Coordinator Title		The User is able to enter values in the fields.				
30	All State users	Enter text in the textbox under **STATEWIDE OCCUPANT PROTECTION TASK FORCE MEMBERSHIP - Input the name and title of the Statewide Occupant Protection Task Force membership, including the organizations of the Statewide Occupant Protection Coordinator and organizations for task force membership.**		The User is able to manually enter or copy/paste text in the textbox.				
Occupant Protection Program Assessment								
31	All State users	Click on the **Date of Last Occupant Protection Assessment** and enter a date.		The User is able to manually enter a date or use the calendar.				
Application Documents								

Integration Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405b Low Use	**Tester(s):**		
Test Script ID:	GMSS-APP-405-0003	**Test Script Description:**	Verify the appropriate details and functionality of the 405(b) section on the NHTSA HSP for a LOW SEAT BELT USE RATE STATE	**Environment:**		
Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**		
				Pass/Fail:	Pass	

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	Post Conditions
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

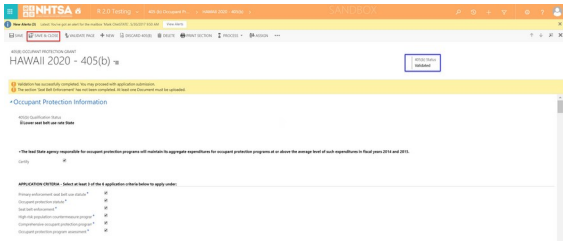
Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
32	All State users	Under the **Application Documents** section, click on the **Upload** button.		The Upload Documents window is displayed.				
33	All State users	Click the **Choose File** button to upload a file and click the **OK** button.		The document is uploaded in the application.				
34	All State users	Click the **Save** button on the top header.		The 405(b) application information is saved.				
35	All State users	Click the **Validate Page** button on the top header.		The System checks that all of the required fields have a value. If a required field does not have a value, a validation error will display in a yellow banner. The validation error will remain until the user addresses the error. If all fields have a value, the 405(b) status will change to **Validated**.				

Integration Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405b Low Use	**Tester(s):**		
Test Script ID:	GMSS-APP-405-0003	**Test Script Description:**	Verify the appropriate details and functionality of the 405(b) section on the NHTSA HSP for a LOW SEAT BELT USE RATE STATE	**Environment:**		
Requirements:	GMSS-HSP-020.1.1, GMSS-HSP-020.1.2, GMSS-HSP-021.1, GMSS-HSP-021.1.1, GMSS-HSP-021.2, GMSS-HSP-021.8, GMSS-HSP-021.10, GMSS-			**Browser:**		
				Pass/Fail:	Pass	

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(b)-Low grant while completing their administration steps in GMSS-APP-NHTSA-HQ.	State users are able to complete the 405(b) - Low section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result *(Enter a description only if the result is different from Expected or if the step fails.)*	Status		
36	All State users	Once the system updates the 405(b) application form status to **Validated**, click the Save & Close button.		The user is taken back to the HSP page.				

END OF SCRIPT - Continue to GMSS-APP-405-0004 NHTSA HSP - 405c

Alternate Flow(s)

Negative Flow(s): None identified

A46: Mark G. Katzenberger:
this section does not appear on MD 405(6) low for 2017

A49: Mark G. Katzenberger:
this section does not appear on MD 405g low for 2017

A51: Mark G. Katzenberger:
this section does not appear on MD 4056 Low for 2017