Sta 5
SEP 21 1999 **12** **ENGINEERING DATA TRANSMITTAL** Page 1 of 1
1. EDT 623536

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		10. System/Bldg./Facility: 2336-W
		12. Major Assm. Dwg. No.: N/A
11. Receiver Remarks:		13. Permit/Permit Application No.: N/A
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15. DATA TRANSMITTED					(F)	(G)	(H)	(I)
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	Approval Designator	Reason for Transmittal	Originator Disposition	Receiver Disposition
1	HNF-5131	N/A	0	PMS/DMS-Y2K/SECURITY OTR	Q	2	1	

16. KEY		
Approval Designator (F)	Reason for Transmittal (G)	Disposition (H) & (I)
E, S, Q, D OR N/A (See WHC-CM-3-5, Sec. 12.7)	1. Approval 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)	1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged

17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)											
(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN
2	1	Design Authority	ME Palmer	9/16/99	T4-52	2	1	JE Geary		9/16/99	T4-51
		Design Agent									
2	1	Cog. Eng.	ME Palmer	9/16/99	T4-52						
2	1	Cog. Mgr.	JR Weidert	9/16/99	T4-52						
2	1	QA	WR Thackaberry	9/16/99	T4-52						
2	1	Safety	J.C Givens	9/16/99	T4-52						
		Env.									

18. JK Kersten Signature of EDT Originator Date: 9/29/99	19. Authorized Representative for Receiving Organization Date: 9/20/99	20. JR Weidert Design Authority/Cognizant Manager Date: 9-20-99	21. DOE APPROVAL (if required) Ctrl No. _____ ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments
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WASTE RECEIVING AND PROCESSING FACILITY PMS Test Report/DMS-Y2K/System Security DMS

ME Palmer

Waste Management Federal Services of Hanford, Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-96RL13200

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Abstract: Test Plan HNF-4351 defines testing requirements for installation of a new server in the WRAP Facility. This documents shows the results of the test reports on the DMS-Y2K and DMS-F81 (Security) systems.

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Date

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Approved for Public Release

**PMS TEST PROCEDURE
TEST REPORT**

**DMS-Y2K
DMS Year 2000 Compliance Test**

**DMS-F81
System Security DMS**

September 13, 1999

Test plan HNF-4351 defines testing requirements for installation of a new server in the WRAP facility. This document defines test procedures DMS-Y2K and DMS-F81. Test procedure DMS-Y2K, DMS Year 2000 Compliance Test, tests all the date functions in the DMS to assure they are Year 2000 complaint. Test procedure DMS-F81, System Security DMS, is the security test. This test assures that the security functions for all DMS screens work as required. This also serves as a menu test and it verifies that all screens are present, have been converted properly, and function appropriately at a high level.

DMS TEST PROCEDURE COVER SHEET.

Test Procedure: DMS-Y2K		Title: DMS Year 2000 Compliance Test	
Revision: 0.1	Execution: 1		

Date/Time: Start: 8/26/99 9:30 End: 8/26/99 - 10:15Test Operator: Cary Blackburn Witness: Mark Palmer

Test Exceptions Recorded? ☐ Yes ☒ No
COMMENTS:

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful
W. R. Thackberry
 Date 8/26/99
 WMH Computer Engineer

Cary Blackburn
 Date 8/26/99
 Developer Cary Blackburn

W. R. Thackberry
 Date 9-13-99
 QA W. R. Thackberry

Test Procedure DMS-Y2K	Revision 0	TITLE: DMS Year 2000 Compliance Test																						
<u>REVISION STATUS</u> This test procedure draft is to be used to support year 2000 compliance efforts.																								
<u>TEST OBJECTIVES</u> <p>This test procedure will confirm that the identified DMS date calculations are year 2000 compliant. This test procedure includes the following test cases:</p> <table> <tr> <td>TEST PROCEDURE SETUP</td> <td>4</td> </tr> <tr> <td>TEST PROCEDURE STEPS</td> <td>5</td> </tr> <tr> <td>TEST CASE DMS-Y2K.01 Verify System Date.....</td> <td>5</td> </tr> <tr> <td>TEST CASE DMS-Y2K.02 NDE (DMSS0201)</td> <td>5</td> </tr> <tr> <td>TEST CASE DMS-Y2K.03 Assay Results (DMSS0203)</td> <td>6</td> </tr> <tr> <td>TEST CASE DMS-Y2K.04 Profile/Profile Isotope (DMSS0454)</td> <td>7</td> </tr> <tr> <td>TEST CASE DMS-Y2K.05 Treatment Procedure Table (DMSS0466)</td> <td>7</td> </tr> <tr> <td>TEST CASE DMS-Y2K.06 Sample Management (DMSS0507)</td> <td>7</td> </tr> <tr> <td>TEST CASE DMS-Y2K.07 Sample/Bottle Tracking Data (DMSS0509)</td> <td>8</td> </tr> <tr> <td>TEST CASE DMS-Y2K.08 Commonly Corrected Data (DMSS0710)</td> <td>9</td> </tr> <tr> <td>TEST CASE DMS-Y2K.09 Report Parameter Screens (DMSR1203 and DMSR1204)</td> <td>9</td> </tr> </table>			TEST PROCEDURE SETUP	4	TEST PROCEDURE STEPS	5	TEST CASE DMS-Y2K.01 Verify System Date.....	5	TEST CASE DMS-Y2K.02 NDE (DMSS0201)	5	TEST CASE DMS-Y2K.03 Assay Results (DMSS0203)	6	TEST CASE DMS-Y2K.04 Profile/Profile Isotope (DMSS0454)	7	TEST CASE DMS-Y2K.05 Treatment Procedure Table (DMSS0466)	7	TEST CASE DMS-Y2K.06 Sample Management (DMSS0507)	7	TEST CASE DMS-Y2K.07 Sample/Bottle Tracking Data (DMSS0509)	8	TEST CASE DMS-Y2K.08 Commonly Corrected Data (DMSS0710)	9	TEST CASE DMS-Y2K.09 Report Parameter Screens (DMSR1203 and DMSR1204)	9
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<u>BASIS FOR A SUCCESSFUL TEST</u> The basis of a successful test shall be the completion of the test cases listed above and resolution of all test exceptions. Performance of these tasks shall prove that the Data Management System date input fields are year 2000 compliant. Note that the criteria for specific operational step acceptance is provided in the "Expected Output" column of the testing document.																								
<u>ITEMS TESTED</u> Every DMS date entry field is to be tested for year 2000 compliance.																								

Test Procedure DMS-Y2K	Revision 0	TITLE: DMS Year 2000 Compliance Test
<u>RESOURCE REQUIREMENTS</u> DMS HP-9000 COMPUTER: WRAP Plant Management System (PMS) Server DMS Application Software DMS Test Database PC Terminal: DMS PC Application Software LAN access for all test hardware components above		
<u>REFERENCES</u> 1. WHC-SD-W026-SDD-001, "WRAP Module 1 Data Management Preliminary System Software Design Description", Rev 2. 2. Letter, J. R. Weidert to Distribution, 11/3/98, Cognizant Engineer Designations for WRAP. 3. Letter, J. R. Weidert to D. P. Powell, 11/4/98, Design Authority for WRAP.		
<u>Qualifications</u> Witness, Test Director, WMH Computer Lead, and WMH Computer Engineer all must be a Cognizant Engineer or Design Authority. See references section for relevant letters defining WRAP cog. engineers and design authorities.		
<u>SAFETY PRECAUTIONS</u> 1. There are no personnel safety concerns associated with the running of this test.		

Step #	TEST PROCEDURE SETUP Data Loading	EXPECTED OUTPUT	Pass	Fail	WITNESS (initial)
1	Verify that all the resources listed above are available to support acceptance testing.	Resources available	✓		MP
2	Connect to WRAPPMS using Dynacomm or Exceed, and select PMSTEST as the current database instance.	Session established and PMSTEST successfully selected.	✓		MP
2	Verify that the scripts defined in Appendix A have been generated and are available to support testing.	DMS directory contains query script Fy2k.sql	✓		MP
3	Run data initialization script y2ku.sql within SQL*Plus to initialize the DMS database to a condition where data is present to support a new entry into each DMS date field.	Script completes without error.	✓		MP
4	Run 'y2kq b' at the Unix prompt in Dynacomm to display the initial test data values in the test database instance.	Script runs successfully and data values are displayed.	✓		MP
TEST PROCEDURE DMS-Y2K SETUP COMPLETE					

Step #	TEST PROCEDURE STEPS (DMS-Y2K)	EXPECTED OUTPUT	Pass	Fail	WITNESS (initial)
TEST CASE DMS-Y2K.01 Verify System Date					
1.	Examine the PMS system date. Record this date and time below: PMS Date/Time:	- PMS System Date is the actual date.	✓		NP
2.	Terminate all time sensitive applications, e.g., Outlook, on the PC and change the PC system date to something other than the actual date, between the years 2000 and 2011. Record the new date below New Date:	- Verify that the personal computer system date has been changed to a date between the years 2000 and 2011.	✓		NP
3.	Execute the DMS client application as a user (e.g., USER1) with sufficient privileges to perform updates to DMS.	- DMS Main Menu Appears	✓		NP
4.	Enter the Container Receiving screen (DMSS0101). - Click on the "Receiving" selection on the DMS main menu.	- Verify that the Container Receiving screen is displayed.	✓		NP
5.	Record the date and time displayed on the Container Receiving Screen: Date/Time:	- Verify that the date displayed in the upper left hand corner of the Container Receiving screen is the actual date, not the future date set previously on the PC.	✓		NP
TEST CASE DMS-Y2K.02 NDE (DMSS0201)					
6.	Enter the "NDE" screen (DMSS0201). - Click on the "NDE/ANDA" selection on the DMS main menu. - Click on the "NDE" selection on the "NDE/ANDA" pull-down menu.	- Verify that the "NDE" screen is displayed.	✓		NP
7.	Select an existing drum that has not been examined (Y2K-DRUM-1): - Ensure "Not Previously Examined" radio checkbox checked. - Select "List of Values" - Select "Y2K-DRUM1" from the list of values and click the OK button.	- Verify that "Y2K-DRUM-1" is displayed in the "Outer PIN" and "WASTE PIN" fields.	✓		NP
8.	Click on the topmost "Date/Time" field in the NDE Results section. Clicking on this field should cause the system date to be inserted into the field. This is the initial step for creating a new NDE record.	- Verify that the system date/time (current, not future) has been inserted into the "Date/Time" field. A four-digit year is included in the date.	✓		NP
9.	Click on the topmost "Date/Time" field. Edit the existing 4 digit year displayed in the field to read "01" and press <ENTER>.	- Verify that the year display is expanded to "2001".	✓		NP
10.	Enter "1900" in the "Disk FILEA," "Disk Number," "Video Number" and "Video Start" fields. Enter "THIS IS A TEST FOR YEAR 2000." In the comments field. - Press ALT+A, C (menu selection Action, Commit)	- The record is successfully committed.	✓		NP
11.	At the Unix prompt in the Dynacomm session, enter "y2kq a" to display current data values.	- Verify that the year portion of the NDE_DT field in the NDE record for drum Y2K-DRUM-1 is "2001", not "1901" or "0001".	✓		NP

Step #	TEST PROCEDURE STEPS (DMS-Y2K)	EXPECTED OUTPUT	Pass	Fail	WITNESS (Initial)
TEST CASE DMS-Y2K.03 Assay Results (DMSS0203)					
12.	Exit from DMS0201 and enter the "NDA" screen (DMSS0202). - Click [Exit] on the NDE screen - Click on the "NDE/ND" selection on the DMS main menu. - Click on the "NDA" selection on the "NDE/ND" pull-down menu.	- Verify that the "NDA" screen is displayed.	✓		JS
13.	- Select an existing drum that has not been examined (Y2K-DRUM-1): - Ensure "Not Previously Assayed" radio checkbox checked. - Select "List of Values" - Select "Y2K-DRUM-1" from the list of values and click the OK button.	- Verify that "Y2K-DRUM-1" is displayed in the "Outer PIN" and "Waste PIN" fields.	✓		JS
14.	Click the [New Assay] button to initiate a new assay record.	- DMSS0203 "Assay Results" screen is displayed. "Y2K-DRUM-1" appears in the Waste PIN field and an assay number has been automatically assigned.	✓		JS
15.	Click on the "Assay Date" field and enter 2/29/00 and press <ENTER>.	- The year displayed is "2000" and the date is accepted, indicating that 2000 is recognized as a leap year.	✓		JS
16.	Enter the following information on the "Assay Results" screen: <div style="display: flex; justify-content: space-between;"> <div> Waste Cat: Profile ID: Ratio PU 239/240: Total PU FGE : Thermal Power (W/m3): Total PE Ci: WRAP Isotopic Data: Isotope: Quantity: Unit: TMU: Meas. Status: PAN Active: PAN Passive: GEA Data: Comments: </div> <div> WC1 TRU-10 1.6 1.9E3 1.9E3 1.9E3 PU-239 1.9E3 G 1.9E3 ACT A B 1.9E3 Year 2000 Test </div> <div> Quantity TMU 1.9E3 1.9E3 1.9E3 </div> </div>	Verify that the information is correctly entered and committed.	✓		JS
		- Records commit successfully.			

Step #	TEST PROCEDURE STEPS (DMS-Y2K)	EXPECTED OUTPUT	Pass	Fail	WITNESS (initial)
17.	<ul style="list-style-type: none"> - Click [Commit] - Click [Exit] twice. At the Unix prompt, enter "y2kq a" to display current data values.	<ul style="list-style-type: none"> - Returns to Main Menu. - Verify that the date portion of NDA_ASSAY_DT on the newly created NDA record for PIN Y2K-DRUM-1 is "2000." 	✓		MP
TEST CASE DMS-Y2K.04 Profile/Profile Isotope (DMSS0454)					
18.	Enter the "Profile/Profile Isotope" screen (DMSS0454). <ul style="list-style-type: none"> - Click on the "Table Maint" selection on the DMS main menu. - Click on the "Profile Isotopic" selection on the "Table Maint" pull-down menu. 	<ul style="list-style-type: none"> - Verify that the "Profile/Profile Isotope" screen is displayed. 	✓		MP
19.	Update the Y2K profile record: <ul style="list-style-type: none"> - Press ALT+Q "E", TYPE IN "Y2K", AND THEN ALT+Q "X" - Type "01/01/00" in the "Prof Date" field and press <Tab>. - Press ALT+A, C (menu selection <u>A</u>ction, <u>C</u>ommit) - Click [Exit] button 	<ul style="list-style-type: none"> - Queries up and displays "Y2K" profile. - The year portion of the entry expands to "2000." - Record is committed. - Returns to Main Menu 	✓		MP
20.	Run SQL*Plus script y2kq4.sql. The prof_dt displayed should be "2000", not "1900".	<ul style="list-style-type: none"> - Verify that the prof_dt is "2000." 	✓		MP
TEST CASE DMS-Y2K.05 Treatment Procedure Table (DMSS0466)					
21.	Enter the Treatment Procedure Table screen (DMSS0466). <ul style="list-style-type: none"> - Click on the "Table Maint" selection on the DMS main menu. - Click on the "Treatment Procedure" selection on the "Table Maint" pull-down menu. 	<ul style="list-style-type: none"> - Verify that the "Treatment Procedure Table" screen is displayed. 	✓		MP
22.	Use scroll bar as necessary to display "Y2K-1" treatment procedure. <ul style="list-style-type: none"> - Move the cursor to the "Expiration Date" field for this treatment procedure. 	<ul style="list-style-type: none"> - Verify that the "Number" field contains "Y2K-1" 	✓		MP
23.	Delete the entry in the "Expiration Date" field of the "Y2K-1" treatment procedure. <ul style="list-style-type: none"> - Type "01/01/30" in the "Expiration Date" field and press the <ENTER> key. - Press ALT+A, C (menu selection <u>A</u>ction, <u>C</u>ommit) - Click [Exit] button 	<ul style="list-style-type: none"> - The year expands to "2030". - The record is successfully committed. - Returns to Main Menu 	✓		MP
24.	Run SQL*Plus script y2kq5.sql	<ul style="list-style-type: none"> - Verify that treat_proc_exp_dt is "2030". 	✓		MP
TEST CASE DMS-Y2K.06 Sample Management/COC (DMSS0507)					
25.	Enter the "Sample Management/COC" screen (DMSS0507). <ul style="list-style-type: none"> - Click on the "Sample Mgmt" selection on the DMS main menu. - Click on the "External Chain of Custody" selection on the "Sample Mgmt" pull-down 	<ul style="list-style-type: none"> - Verify that the "Sample Management/COC" screen is displayed. 	✓		MP

Step #	TEST PROCEDURE STEPS (DMS-Y2K)	EXPECTED OUTPUT	Pass	Fail	WITNESS (initial)
26.	<ul style="list-style-type: none"> menu. Click [List of Values] button Select "Y2K" from the list of values and click the OK button. 	- Verify that the "COC Form Number" field displays "Y2K".	✓		HP
27.	<ul style="list-style-type: none"> Enter a new COC Ship Date: <ul style="list-style-type: none"> Type '01/01/49' in the "COC Ship Date" field and press <Tab> Reenter the COC Ship Date as '09/15/50' Click [OK] Reenter the COC Ship Date as '7/30/1949' Click [OK] and reenter the COC Ship Date as today's date Click the [Commit] button Click the [Exit] button. 	<ul style="list-style-type: none"> Verify that the year expands to "2049" Message 'COC Ship Date Invalid' appears The year portion of the invalid date expands to "1950" Message 'COC Ship Date Invalid' appears The year portion of the invalid date remains as "1949" The year expands to '1999' if entered as a two digit date The record is successfully committed. Returns to Main Menu 	✓		HP
28.	<ul style="list-style-type: none"> Run SQL *Plus script y2kq6.sql Script The COC_SHIP_DT value displayed should be "1999". 	- Verify that the prof_dt is "1999."	✓		HP
TEST CASE DMS-Y2K.07 Sample/Bottle Tracking Data (DMSS0509)					
29.	<ul style="list-style-type: none"> Enter the "Sample/Bottle Tracking Data" screen (DMSS0509). Click on the "Sample Mgmt" selection on the DMS main menu. Click on the "Sample Tracking" selection on the "Sample Mgmt" pull-down menu. 	- The "Sample/Bottle Tracking Data" screen is displayed. A list of values popup for drum PIN and sample selection appears automatically.	✓		HP
30.	- Select "Y2KSAMPL" (Sample ID) from the list of values and click the OK button.	- Verify that the "Packet/Drum Pin" field displays "Y2K-PACKET-1".	✓		HP
31.	<ul style="list-style-type: none"> Enter a new Date Report Received: <ul style="list-style-type: none"> Type "01/02/00" in the "Date Report Received" field and press <Tab>. Click [OK] Reenter Date Report Received as today's date and press <Tab>. 	<ul style="list-style-type: none"> Message 'Invalid Entry for Date Report Received - cannot be after the current date' appears. Error message disappears. Year portion of date expands to '2000' Date is accepted without error. If year was entered as a two-digit value, it expands to a four-digit year. 	✓		HP

Step #	TEST PROCEDURE STEPS (DMS-Y2K)	EXPECTED OUTPUT	Pass	Fail	WITNESS (initial)
32.	<ul style="list-style-type: none"> - Enter a new Returned Date: <ul style="list-style-type: none"> - Type "INCINERATION" in the "Disposal Method" field. - Type "Y" in the "Ok at Lab (Y/N)" field. - Type "06/30/01" in the "Returned Date" field and press <Tab>. - Click [OK] to clear error message - Reenter Returned Date as the current date and click commit. - Click [Exit] 	<ul style="list-style-type: none"> - The message 'Invalid Bottle Date Returned - cannot be after the current date' appears. - Error message disappears. Verify that the year portion of date expanded to '2001'. - Records commit successfully. If year was entered as a two-digit value, it expands to a four-digit year. - The main menu appears. - The SAM_REPORT_DT and BOT_RETURN_DT values displayed correctly show the current date as entered above. 	✓		ND
33.	<ul style="list-style-type: none"> - Run SQL *Plus script y2kq7.sql 		✓		ND
TEST CASE DMS-Y2K.08 Commonly Corrected Data (DMSS0710)					
34.	<ul style="list-style-type: none"> - Enter the "COMMONLY CORRECTED DATA" screen (DMSS0710). - Click on the "Other Ops" selection on the DMS main menu. - Click on the "Common Items" selection on the "Other Ops" pull-down menu. 	<ul style="list-style-type: none"> - The "COMMONLY CORRECTED DATA" screen is displayed. 	✓		ND
35.	<ul style="list-style-type: none"> - Select only the "Y2K" containers for display: - Press <F7>, type "Y2K%" and press <F8> 	<ul style="list-style-type: none"> - Six items appear, all beginning with 'Y2K'. 	✓		ND
36.	<ul style="list-style-type: none"> - Change the "CONLOC DATE" value: - Select the "Y2K-DRUM-3" entry - Replace existing Conloc Date entry with "01/01/31 01:01:01" and press <Tab> 	<ul style="list-style-type: none"> - The date/time entry is accepted and the year expands to '2031' 	✓		ND
37.	<ul style="list-style-type: none"> - Enter a new "Conrel Outer" Date: - Select the "Y2K-PACKET-1" "Conrel Outer" entry that is associated with the "Y2K-DRUM-3" container. - Type "01/01/01" in the "Date" field for this entry and press <Tab>. - Click [Commit] - Click [Exit] 	<ul style="list-style-type: none"> - The date entry is accepted and the year expands to '2001'. - The records are successfully committed - Returns to main menu 	✓		ND
38.	<ul style="list-style-type: none"> - Run SQL *Plus script y2kq8.sql 	<ul style="list-style-type: none"> - Verify that conloc_dt is "01/01/2031" - Verify that conr_dt is "01/01/2001" 	✓		ND
TEST CASE DMS-Y2K.09 Report Parameter Screens (DMSR1203 and DMSR1204)					
39.	<ul style="list-style-type: none"> - Select Reports - Status from the DMS main menu - Select Daily Operating Report from the status reports menu - Enter 03/14/01 for the date and click [Run Report] 	<ul style="list-style-type: none"> - The report parameter screen for DMSR1203 Daily Operating Report appears. - Report output displays on screen. Date is displayed as 03/14/2001 	✓		ND

Step #	TEST PROCEDURE STEPS (DMS-Y2K)	EXPECTED OUTPUT	Pass	Fail	WITNESS (initial)
	- Click Close	- Returns to Main menu	✓		ND
40.	- Select Daily Operating Report again - Enter 08/01/49 for the date and click [Run Report] - Click Close	- Report output displays on screen. - Date is displayed as 08/01/2049 - Returns to Main menu	✓		ND
41.	- Select Daily Operating Report again - Enter 10/23/50 for the date and click [Run Report] - Click Close	- Report output displays on screen. - Date is displayed as 10/23/1950 - Returns to Main menu	✓		ND
42.	- Select Daily Operating Report again - Enter 02/29/00 for the date and click [Run Report] - Click Close	- Report output displays on screen. - Four-digit year is accepted. Year 2000 recognized as a leap year. Date on report displayed as 02/29/2000. - Returns to Main menu	✓		ND
43.	- Select Reports - Status from the DMS main menu - Select Volume Report from the status reports menu - Enter date range as 02/29/00 to 01/01/01 and click [Run Report] - Click Close	- The report parameter screen for DMSR1204 Volume Report appears. - Report output displays on screen. Date range displayed is 02/29/2000 to 01/01/2001. - Returns to Main menu	✓		ND
44.	- Select Volume Report again - Enter date range as 08/01/49 to 12/31/49 and click [Run Report] - Click Close	- Report output displays on screen. - Date range is displayed as 08/01/2049 to 12/31/2049 - Returns to Main Menu	✓		ND
45.	- Select Volume Report again - Enter date range as 10/23/50 to 12/31/52 and click [Run Report] - Click Close	- Report output displays on screen. - Date range displayed is 10/23/1950 to 12/31/1952. - Returns to Main menu	✓		ND
46.	- Terminate DMS session by clicking Exit on main menu. - In SQL*Plus in the Dynacomm session, run y2qd.sql to delete test data.	- DMS session ends normally. - Script completes without error.	✓		ND
TEST Procedure DMS-Y2K Complete - no post test conditions.					

Appendix A – Queries and Scripts

<u>Script</u>	<u>Purpose</u>
y2ku.sql	Calls y2kd.sql to deletes any existing versions of test data and then creates a fresh set of test data for this test procedure
y2kd.sql	Deletes all data like 'Y2K%' created by the y2ku.sql script or by test activities. Called by y2ku.sql and run directly at the end of successful testing.
y2kq	Shell script that calls data display query, formats data for review, displays the data and saves it to a file. Used initially with 'b' as parameter to capture before test condition, and 'a' as parameter in test cases DMS-Y2K.02 and DMS-Y2K.03 when viewing test results from those cases.
y2kq.sql	Called by shell script y2kq. Not run directly. Queries all relevent tables and provides partially formatted output for the calling script to process.
y2kq4.sql	Used in test case DMS-YK2.04 to display results
y2kq5.sql	Used in test case DMS-YK2.05 to display results
y2kq6sql	Used in test case DMS-YK2.06 to display results
y2kq7.sql	Used in test case DMS-YK2.07 to display results
y2kq8.sql	Used in test case DMS-YK2.08 to display results

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DMS TEST PROCEDURE COVER SHEET

Test Procedure: DMS-F81		Title: System Security DMS	
Revision: 2	Execution: 1		

Date/Time: Start: 9/7/99 9:00AM End: 9/8/99 11:45AM

Test Operator: C BLACKBURN Witness: J BERGER

Test Exceptions Recorded?	☒ Yes	☐ No
COMMENTS:		
SCREEN DMS502 COULD NOT BE TESTED. PRGRS TO FIX SCREEN		
HAVE BEEN INITIATED. SECURITY TEST WILL BE PERFORMED		
AFTER PRGRS. 943 9-8-99		

TEST PROCEDURE COMPLETION APPROVAL:

☒ Successful ☐ Unsuccessful

John F. Byrne 9-8-99 Date

WMH Computer Engineer

Cary Blackburn 9/9/99 Date

Developer Cary Blackburn

W.R. Thackaberry Date

Q.A. W. R. Thackaberry

Test Procedure DMS-F81	Revision 0	TITLE: System Security
REVISION STATUS This test procedure has incorporated all Data Management System (DMS) Software Change Requests (SCR) approved as of 5/20/97. Rev2: Modified for current application configuration and WRAP PMS server		

TEST OBJECTIVES

TEST PROCEDURE SETUP		Error! Bookmark not defined.
TEST CASE DMS-181.01 Test role NO-ACC. No access allowed to any screens		5
Logon as a user with test role NO-ACC displays the DMS main menu screen		Error! Bookmark not defined.
TEST CASE DMS-181.02 Test role READ. Query for data is allowed but commit of data to the database is not.		Error! Bookmark not defined.
Logon as a user with test role READ displays the DMS main menu screen with the proper menu and object attributes		Error! Bookmark not defined.
Receiving screen (DMSS0101)		Error! Bookmark not defined.
TEST CASE DMS-181.03 Logon is with Test role READ but Signature password is that of a user with UPDATE privileges.		7
Logon as a user with test role READ		7
Receiving screen (DMSS0101)		7

BASIS FOR A SUCCESSFUL TEST

The basis of a successful test shall be the completion of the test cases listed above and resolution of all test exceptions. Performance of these tasks shall prove that users have access to screens according to their role as assigned by the system administrator. Note that the criteria for specific operational step acceptance are provided in the "Expected Output" column of the testing document.

ITEMS TESTED

The DMS system security module will be tested to ensure that the proper code to implement each level of access to the system is active for each screen. All testing outside this procedure will be performed using a logon name of USER1 with the assigned role of UPDATE, which allows full update access to all screens and functions, and implicitly tests that level of security. Therefore this procedure will be limited to testing the restricted access roles including READ (USER2 - read only access to all screens) and NO-ACC (USER3 - no access to any screens).

RESOURCE REQUIREMENTS

DMS HP-9000 Computer:
 WRAP Plant Management System (PMS) Server
 Oracle Software
 DMS Test Database (PMSTEST)

PC Terminal:

Test Procedure DMS-F81	Revision 0	Title: System Security
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DMS PC Application Software
Dynacomm or Exceed terminal emulation software

LAN access for all test hardware components above

REFERENCES

1. WHC-SD-W026-SDD-001, "WRAP Module 1 Data Management System Software Design Description"
2. Letter, J.R. Weidert to Distribution, 11/3/98, Cognizant Engineer Designations For WRAP.
3. Letter, J.R. Weidert to D.P. Powell, 11/4/98, Design Authority for WRAP.

SAFETY PRECAUTIONS

1. There are no personnel safety concerns associated with the running of this test.

Step #	TEST PROCEDURE (DMS-F81) System Security	EXPECTED OUTPUT	Pass ?	Fail ?	WITNESS (initial)
1	Verify that all the resources listed above are available to support acceptance testing.	Resources available	✓		AD
2	Verify that test computer is DMS capable	Oracle software installed and configured for DMS DMS shortcut is available.	✓		AD
3	Using Dynacomm or Exceed, log on to WRAPPMMS to run update/query scripts during the test.	WRAPPMMS Unix prompt available on screen with PMSTEST instance selected.	✓		AD
4	Run Data scripts [20u.sql and F81u002.sql] from WRAPPMMS to initialize the DMS database to a condition where there is data available on all applicable screens.	Script runs to completion. Some errors may occur.	✓		AD
TEST PROCEDURE DMS-F81 SETUP COMPLETE					

Step #	TEST PROCEDURE STEPS (DMS-F81)	EXPECTED OUTPUT	Pass ?	Fail ?	WITNESS (initial)
TEST CASE DMS-F81.01 Test role NO-ACC. No access allowed to any screens					
Logon as a user with test role NO-ACC. Displays the DMS main menu screen					
1	Logon to DMS system as a user with test role NO-ACC privileges and verify the DMS Main Menu screen appears. <ul style="list-style-type: none"> - Double Click on the DMS shortcut - Type "USER3" in the Username: field. - Tab to the Password: field and type "USER3". - Tab to the Database: field and type "pmstest." - Click on the "Connect" button. 	<ul style="list-style-type: none"> - Verify Oracle Logon screen appears. - Verify that the DMS Main Menu screen is displayed after the noted entries. 	✓		773
Perform Appendix A NO_ACC display. All screens accessed by the menus.					
2	Call up each screen in Appendix A <ul style="list-style-type: none"> - Click [OK] to dismiss warning dialog - Click [Exit] to depart each screen 	<ul style="list-style-type: none"> - Verify that the that a dialog window appears stating "E534- Sorry, access not allowed. See System Administrator" - Verify that the DMS main menu is displayed. 			
TEST CASE DMS-F81.01 COMPLETE					

Step #	TEST PROCEDURE STEPS (DMS-F81)	EXPECTED OUTPUT	Pass ?	Fail ?	WITNESS (initial)
	TEST CASE DMS-F81.02 Test role READ. Query for data to the database is not.				
	Logon as a user with test role READ. Displays the DMS main menu screen with the proper menu and object attributes.				
1	Logon to DMS system as a user with test role READ privileges and verify the DMS Main Menu screen appears. - Double Click on the DMS shortcut - Type "USER2" in the Username: field. - Tab to the Password: field and type "USER2". - Tab to the Database: field and type "pmtest." - Click on the "Connect" button.	- Verify Oracle Logon screen appears. - Verify that the DMS Main Menu screen is displayed after the noted entries.	✓		993 9849
	Perform Appendix B - Read-only Access to all screens				
2	Enter each screen on appendix B	- Verify that a dialog box or message appears after [Commit] button is pushed. This dialog box contains one of the two following error messages: "E536 - Sorry, invalid signature password for update of screen" or "E520-Logged on user does not have authority to update on this screen" If it appears, the message at the bottom of the screen line is: "FRM-40208: Form running in query-only mode. Cannot change database fields." - Verify that the DMS main menu is displayed.			
	TEST CASE DMS-F81.02 COMPLETE				

Step #	TEST PROCEDURE STEPS (DMS-F81)	EXPECTED OUTPUT	Pass ?	Fail ?	WITNESS (initial)
TEST CASE DMS-F81.03 Logon is with a user assigned the UPDATE role having a valid signature password.					
Logon as a user with test role READ.					
1	Logon to DMS system as a user with test role UPDATE privileges. <ul style="list-style-type: none"> - Double Click on the DMS shortcut - Type "USER1" in the Username: field. - Tab to the Password: field and type "USER1". - Tab to the Database: field and type "pmstest." - Click on the "Connect" button. 	<ul style="list-style-type: none"> - Verify Oracle Logon screen appears. - Verify that the DMS Main Menu screen is displayed after the noted entries. 	✓		JFB 9-8-99
All screens accessed by Menu.					
2	Enter each screen on Appendix C	<ul style="list-style-type: none"> - Verify that the data changes are committed successfully. 	✓		JFB 9-8-99
TEST CASE DMS-F81.03 COMPLETE					

Appendix A
Perform USER3 Security Test

STEP	Description	Pass	Fail
1	Attempt to enter the Receiving screen (DMSS0101) and verify no access allowed. - Click on the "Receiving" selection on the DMS main menu. - Click on [OK] button	✓	
2	Attempt to enter the NDE screen (DMSS0201) and verify no access allowed. - Click on the "NDE/NDA->NDE" selection on the DMS main menu. - Click on [OK] button	✓	
3	Attempt to enter the NDA screen (DMSS0202) and verify no access allowed. - Click on the "NDE/NDA->NDA" selection on the DMS main menu. - Click on [OK] button	✓	
4	Attempt to enter the Assay Update screen (DMSS0204) and verify no access allowed. - Click on the "NDE/NDA->Assay Update" selection on the DMS main menu. - Click on [OK] button	✓	
5	Attempt to enter the LLW Drum Status at Entry screen (DMSS0311) and verify no access allowed. - Click on the "Process Ops->Llw Glovebox->Drum Status at Entry" selection on the DMS main menu. - Click on [OK] button	✓	
6	Attempt to enter the LLW Sorting Table screen (DMSS0312) and verify no access allowed. - Click on the "Process Ops->Llw Glovebox->Sorting Table" selection on the DMS main menu. - Click on [OK] button	✓	
7	Attempt to enter the LLW Exit Glovebox screen (DMSS0315) and verify no access allowed. - Click on the "Process Ops->Llw Glovebox->Exit Glovebox" selection on the DMS main menu. - Click on [OK] button	✓	

Appendix A
Perform USER3 Security Test

STEP	Description	Pass	Fail
8	Attempt to enter the LLW RWM Waste Sorting screen (DMSS0321) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->LLW <u>R</u>WM Glovebox->RWM Waste <u>S</u>orting" selection on the DMS main menu. - Click on [OK] button 	✓	
9	Attempt to enter the LLW RWM Compliant Waste Loadout screen (DMSS0323) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->LLW <u>R</u>WM Glovebox->Compliant <u>W</u>aste Loadout" selection on the DMS main menu. - Click on [OK] button 	✓	
10	Attempt to enter the LLW RWM Treatment Item Assembly screen (DMSS0324) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->LLW <u>R</u>WM Glovebox-><u>T</u>reatment Item Assembly" selection on the DMS main menu. - Click on [OK] button 	✓	
11	Attempt to enter the LLW RWM Treated Waste Loadout screen (DMSS0328) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->LLW <u>R</u>WM Glovebox->Treated Waste <u>L</u>oadout" selection on the DMS main menu. - Click on [OK] button 	✓	
12	Attempt to enter the TRU Glovebox Drum Status at Entry screen (DMSS0331) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops-><u>T</u>RU Glovebox-><u>D</u>rum Status at Entry" selection on the DMS main menu. - Click on [OK] button 	✓	
13	Attempt to enter the TRU Sorting Table screen (DMSS0332) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops-><u>T</u>RU Glovebox-><u>S</u>orting Table" selection on the DMS main menu. - Click on [OK] button 	✓	
14	Attempt to enter the TRU Exit Glovebox screen (DMSS0335) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops-><u>T</u>RU Glovebox-><u>E</u>xit Glovebox" selection on the DMS main menu. - Click on [OK] button 	✓	
15	Attempt to enter the TRU RWM Waste Sorting screen (DMSS0341) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->TRU <u>R</u>WM Glovebox->Tru Waste <u>S</u>orting" selection on the DMS main menu. - Click on [OK] button 	✓	
16	Attempt to enter the TRU RWM Compliant Waste Loadout screen (DMSS0343) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->TRU <u>R</u>WM Glovebox->Compliant Waste Loadout" selection on the DMS main menu. - Click on [OK] button 	✓	
17	Attempt to enter the TRU RWM Waste Sorting screen (DMSS0344) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->TRU <u>R</u>WM Glovebox->Treatment Item Assembly" selection on the DMS main menu. - Click on [OK] button 	✓	
18	Attempt to enter the TRU RWM Treatment Waste Loadout (DMSS0348) and verify no access allowed. <ul style="list-style-type: none"> - Click on the "Process Ops->TRU <u>R</u>WM Glovebox->Treatment Waste Loadout" selection on the DMS main menu. - Click on [OK] button 	✓	

Appendix A
Perform USER3 Security Test

STEP	Description	Pass	Fail
19	Attempt to enter the Chain of Custody screen (DMSS0502) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->Internal Chain of Custody" selection on the DMS main menu. - Click on [OK] button	✓	
20	Attempt to enter the Laboratory Sample Analysis Request screen (DMSS0504) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->Sample <u>A</u> nalysis Request" selection on the DMS main menu. - Click on [OK] button	✓	
21	Attempt to enter the Waste Packet Description screen (DMSS0505) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->Waste Packet Description" selection on the DMS main menu. - Click on [OK] button	✓	
22	Attempt to enter the Worksheet Data Entry screen (DMSS0506) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->Worksheet <u>E</u> ntry" selection on the DMS main menu. - Click on [OK] button	✓	
23	Attempt to enter the Sample Management/COC screen (DMSS0507) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->External Chain of Custody" selection on the DMS main menu. - Click on [OK] button	✓	
24	Attempt to enter the Sample Labels screen (DMSS0508) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->Sample Labels" selection on the DMS main menu. - Click on [OK] button	✓	
25	Attempt to enter the Sample/Bottle Tracking Data screen (DMSS0509) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->Sample <u>T</u> racking" selection on the DMS main menu. - Click on [OK] button	✓	
26	Attempt to enter the STC/Tracsfer Pig Location screen (DMSS0510) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->STC <u>L</u> ocation" selection on the DMS main menu. - Click on [OK] button	✓	
27	Attempt to enter the Returned Samples screen (DMSS0511) and verify no access allowed. - Click on the "Sample <u>M</u> gmt->Returned Samples" selection on the DMS main menu. - Click on [OK] button	✓	
28	Attempt to enter the Final Data Review screen (DMSS1221) and verify no access allowed. - Click on the "Data Re <u>V</u> iew->Final Data Review" selection on the DMS main menu. - Click on [OK] button	✓	
29	Attempt to enter the NDE Data Review screen (DMSS1231) and verify no access allowed. - Click on the "Data Review-> <u>N</u> DE Data Review" selection on the DMS main menu. - Click on [OK] button	✓	
30	Attempt to enter the Loading Dock Container Shipping screen (DMSS0602) and verify no access allowed. - Click on the " <u>S</u> hipping " selection on the DMS main menu. - Click on [OK] button	✓	
31	Attempt to enter the Process List screen (DMSS0902) and verify no access allowed. - Click on the "Pick <u>L</u> ist->Process List" selection on the DMS main menu.	✓	

Appendix A
Perform USER3 Security Test

STEP	Description	Pass	Fail
	- Click on [OK] button	✓	
32	Attempt to enter the AS/RS Storage Pick List screen (DMSS0903) and verify no access allowed. - Click on the "Pick List->AS/RS Storage Pick List" selection on the DMS main menu. - Click on [OK] button	✓	
33	Attempt to enter the AS/RS Shipping Pick List screen (DMSS0904) and verify no access allowed. - Click on the "Pick List->AS/RS Shipping Pick List" selection on the DMS main menu. - Click on [OK] button	✓	
34	Attempt to enter the Radiological Inventory Summary screen (DMSS1101) and verify no access allowed. - Click on the "Inventory->Rad Inventory" selection on the DMS main menu. - Click on [OK] button	✓	
35	Attempt to enter the Container Location and Relationships screen (DMSS1102) and verify no access allowed. - Click on the "Inventory->Container Location Relation" selection on the DMS main menu. - Click on [OK] button	✓	
36	Attempt to enter the Location Table screen (DMSS0452) and verify no access allowed. - Click on the "Table Maint->Location" selection on the DMS main menu. - Click on [OK] button	✓	
37	Attempt to enter the Profile/Profile Isotopic screen (DMSS0454) and verify no access allowed. - Click on the "Table Maint->Profile Isotopic" selection on the DMS main menu. - Click on [OK] button	✓	
38	Attempt to enter the SIE Isotopic Name screen (DMSS0457) and verify no access allowed. - Click on the "Table Maint->SIE Isotopic Name" selection on the DMS main menu. - Click on [OK] button	✓	
39	Attempt to enter the Field Analysis Type screen (DMSS0459) and verify no access allowed. - Click on the "Table Maint->Field Analysis Type" selection on the DMS main menu. - Click on [OK] button	✓	
40	Attempt to enter the TRU Container Code Table screen (DMSS0458) and verify no access allowed. - Click on the "Table Maint->TRU Container Code" selection on the DMS main menu. - Click on [OK] button	✓	
41	Attempt to enter the Material Table screen (DMSS0460) and verify no access allowed. - Click on the "Table Maint->Material" selection on the DMS main menu. - Click on [OK] button	✓	
42	Attempt to enter the Wrap Miscellaneous Code Table screen (DMSS0461) and verify no access allowed. - Click on the "Table Maint->Wrap Misc. Code" selection on the DMS main menu. - Click on [OK] button	✓	
43	Attempt to enter the Laboratory Analysis screen (DMSS0462) and verify no access allowed. - Click on the "Table Maint->Laboratory Analysis" selection on the DMS main menu. - Click on [OK] button	✓	
44	Attempt to enter the Sample Container screen (DMSS0463) and verify no access allowed. - Click on the "Table Maint->Sample Container" selection on the DMS main menu. - Click on [OK] button	✓	
45	Attempt to enter the Sample Matrix screen (DMSS0464) and verify no access allowed. - Click on the "Table Maint->Sample Matrix" selection on the DMS main menu. - Click on [OK] button	✓	

Appendix A
Perform USER3 Security Test

STEP	Description	Pass	Fail
46	Attempt to enter the Sampling Method Table screen (DMSS0465) and verify no access allowed. - Click on the "Table Maint->Sampling Method" selection on the DMS main menu. - Click on [OK] button	✓	
47	Attempt to enter the Treatment Procedure Table screen (DMSS0466) and verify no access allowed. - Click on the "Table Maint->Treatment Procedure" selection on the DMS main menu. - Click on [OK] button	✓	
48	Attempt to enter the Drum Type Table screen (DMSS0467) and verify no access allowed. - Click on the "Table Maint->Drum Type" selection on the DMS main menu. - Click on [OK] button	✓	
49	Attempt to enter the Activity Comment screen (DMSS1301) and verify no access allowed. - Click on the "Other Ops->Activity Comment" selection on the DMS main menu. - Click on [OK] button	✓	
50	Attempt to enter the Commonly Corrected Data screen (DMSS0710) and verify no access allowed. - Click on the "Other Ops->Common Items" selection on the DMS main menu. - Click on [OK] button	✓	
51	Attempt to enter the Create Overpack / Room Waste screen (DMSS0350) and verify no access allowed. - Click on the "Other Ops->Overpack/Room Waste" selection on the DMS main menu. - Click on [OK] button	✓	
52	Attempt to enter the Container Weights – DMS and SWITS screen (DMSS0351) and verify no access allowed. - Click on the "Other Ops->Container Weight" selection on the DMS main menu. - Click on [OK] button	✓	
53	Attempt to enter the Modify Route screen (DMSS0353) and verify no access allowed. - Click on the "Other Ops->Modify Route" selection on the DMS main menu. - Click on [OK] button	✓	
54	Attempt to enter the Error Message Table screen (DMSS0701) and verify no access allowed. - Click on the "Admin->Error Message Table" selection on the DMS main menu. - Click on [OK] button	✓	
55	Attempt to enter the User Table screen (DMSS0702) and verify no access allowed. - Click on the "Admin->User Table" selection on the DMS main menu. - Click on [OK] button	✓	
56	Attempt to enter the Role Table screen (DMSS0703) and verify no access allowed. - Click on the "Admin->Role Table" selection on the DMS main menu. - Click on [OK] button	✓	
57	Attempt to enter the Screen (DMSS0704) Table screen and verify no access allowed. - Click on the "Admin->Screen Table" selection on the DMS main menu. - Click on [OK] button	✓	
58	Attempt to enter the User Role Table screen (DMSS0708) and verify no access allowed. - Click on the "Admin->User Role Table" selection on the DMS main menu. - Click on [OK] button	✓	
59	Attempt to enter the Role Screen (DMSS0709) Table screen and verify no access allowed. - Click on the "Admin->Role Screen Table" selection on the DMS main menu. - Click on [OK] button	✓	
60	Enter the Message Log screen (DMSS0712) and verify no access allowed. - Click on the "Admin->Message Log" selection on the DMS main menu. - Click on [OK] button.	✓	
61	Attempt to enter the Change Log screen (DMSS0352) and verify no access allowed.	✓	

Appendix A
Perform USER3 Security Test

STEP	Description	Pass	Fail
	<ul style="list-style-type: none">- Click on the "Admin->Change Log" selection on the DMS main menu.- Click on [OK] button	✓	
62	<p>Exit the DMS system.</p> <ul style="list-style-type: none">- Click on the "Exit" selection on the DMS main menu.	✓	

Appendix B
Perform USER2 Security Test

STEP	Description	Pass	Fail
1	Enter the Receiving screen (DMSS0101) and verify that query for data is allowed but commit of data to the database is not. <ul style="list-style-type: none"> - Click on the "Receiving" selection on the DMS main menu. - Click on [Insert] button - Type "Test" - Click on "SIGNATURE PASSWORD" field and type in "U2" - Click on [Commit] button - Click on [OK] button - Click on [Exit] button - Click on [No] button in dialog box 	✓	
2	Enter the NDE screen (DMSS0201) and verify that query for data is allowed but commit of data to the database is not. <ul style="list-style-type: none"> - Click on the "NDE/NDA"-->"NDE" selection on the DMS main menu. - Click on [List of Values] and select PIN 'TST-F18-PD-SEC' - Click on the first Date/Time field - If gross weight error dialog appears, click [OK] and proceed - Tab to the File A field and enter 'Test' - Click [Commit] - Click [OK], [Exit], [No] 	✓	
3	Enter the NDA screen (DMSS0202) and verify that query for data is allowed but commit of data to the database is not. <ul style="list-style-type: none"> - Click on the "NDE/NDA"-->"NDA" selection on the DMS main menu. - Click "All" radio button - Click on [List of Values] button - Select any PIN beginning with 'TST' and click [OK] - Click on Profile ID field in the Container Data section of the screen. - Click on [List of Values] button - Select any item on the list of values and click [OK] - Click on the [Commit] button - Click [OK], [Exit], [No] 	✓	

Appendix B
Perform USER2 Security Test

4	<p>Enter the NDA Assay Results screen (DMSS0203) via the NDA screen and verify the querying is allowed but changes cannot be committed to the database</p> <ul style="list-style-type: none"> - Click on the "NDE/NDA"-->"NDA" selection on the DMS main menu. - Click on [List of Values] button - Select PIN 'TST-F14-PD-SEC' and click [OK] - Click the NDA Results button - Click the Assay Date field and attempt to change the date value - Click [Exit] - Click [OK] on any warning dialogs that are displayed - Click [Exit] to return to main menu. 	✓	
5	<p>Enter the Assay Update screen (DMSS0204) and verify that this screen cannot be accessed</p> <ul style="list-style-type: none"> - Click the "NDE/NDA"-->"Assay Update" selection on the DMS main menu. - Click [OK] 	✓	
6	<p>Enter the LLW Drum Status at Entry screen (DMSS0311) and verify that user is allowed to view data.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->Llw Glovebox->Drum Status at Entry" selection on the DMS main menu. - Click on "Action"-->"Exit" on the menu bar to return to the main menu. 	✓	
7	<p>Enter the LLW Sorting Table screen (DMSS0312) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->Llw Glovebox->Sorting Table" selection on the DMS main menu. - Type "Test" in the waste description field - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK], [Exit], [No] 	✓	
8	<p>Attempt to enter the LLW Exit Glovebox screen (DMSS0315) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->Llw Glovebox->Exit Glovebox" selection on the DMS main menu. - Click [Ok] if message dialog(s) appear - Click on the "Generator Waste Description" field. - Type "Test" - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click Click [OK], [Exit], [No] 	✓	

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9	<p>Attempt to enter the LLW RWM Waste Sorting screen (DMSS0321) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->RWM Waste Sorting" selection on the DMS main menu. - Click on the "Storage Category field" field. - Click on [List of Values] button and select any value. - Click on [OK] button - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click Click [OK], [Exit], [No] 	✓	
10	<p>Attempt to enter the LLW RWM Waste Repackaging screen (DMSS0322) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->RWM Waste Sorting" selection on the DMS main menu then push the [Repackage] button. - Click on the Waste Description field in the New Container section. - Modify the text in this field. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] - Click [Return to Sorting] button - Click [No] when asked if you want to save changes - Click [Exit] to return to main menu 	✓	
11	<p>Attempt to enter the Field Screening screen (DMSS0503) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->RWM Waste Sorting" selection on the DMS main menu then push the [Repackage] button. Then click [Field Screening] on the DMSS0322 screen. - Click [OK] on the List of Values popup. - Modify the Comments field. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button - Click [Return], the [No] to the save changes prompt. - Click [Return to Sorting] and then [Exit] to return to main menu. 	✓	
12	<p>Attempt to enter the Lab Sample Acquisition screen (DMSS0501) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW Glovebox->Sorting Table" selection on the DMS main menu then push the [Sample] button. - Click on [Remove Bottle From STC] button. - Click [OK] to confirm intended removal - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button on error message, and click [No] when you are asked about saving changes - Click [Return] button. - Click on [Exit] button 	✓	
13	<p>Attempt to enter the LLW RWM Compliant Waste Loadout screen (DMSS0323) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Compliant Waste Loadout" selection on the DMS main menu. - Click on the Primary Waste Type field - Click on [List of Values] button then click [OK]. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button 	✓	

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	<ul style="list-style-type: none">- Click [OK] button in response to error dialog- Click on [Exit] button- Click on [No] button on dialog box asking if you want changes committed.	✓	
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14	<p>Attempt to enter the Waste Component screen (DMSSPHYS) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Compliant Waste Loadout" selection on the DMS main menu. - Click [Waste Component] button. - Click [List Of Values] and then [OK] to select an item - Tab to Weight and enter 10. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button on error dialog - Click on [Exit] button - Click on [No] button on dialog box asking if you want changes committed. - Click [Exit] to return to main menu 	✓	
15	<p>Attempt to enter the LLW RWM Treatment screen (DMSS326) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Treatment Item Assembly" selection on the DMS main menu. - Click on [List of Values] button, select worksheet 'TF311WS0', then click [OK] - Click [Treatment] - Modify the Waste Description field in the Compliant Loadout Drum section. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click on [OK] on error dialog. - Click on [Exit] - Click on [No] button on dialog box asking if you want changes committed. - Click [Exit] to return to main menu 	✓	
16	<p>Attempt to enter the LLW RWM Treated Waste Loadout screen (DMSS328) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Treated Waste Loadout" selection on the DMS main menu. - Click on [Change Loadout Drum] button - Click on [List of Values] button, select TST-F18-PD-SEC then click on [OK]. - Modify Waste description field under Treated Waste Loadout Drum. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button in error dialog - Click on [Exit] button - Click on [No] button on dialog box asking if you want changes committed. 	✓	
17	<p>Attempt to enter the Packaging screen (DMSSCHEM) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Treated Waste Loadout" selection on the DMS main menu. - Click on [Packaging] button. - Click on the [List of Values] button, then click [OK]. - Press the TAB and enter 10 for Volume %. Press TAB and enter 100 under Weight. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button - Click [Exit] and then click [No] button on dialog box asking if you want changes committed. - Click [Exit] to return to main menu. 	✓	
18	<p>Attempt to enter the TRU Glovebox Drum Status at Entry screen (DMSS0331) and verify data values are displayed but cannot be changed.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Drum Status at Entry" selection on the DMS main menu. 	✓	

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	<ul style="list-style-type: none"> - Click on [Exit] button 		
19	<p>Attempt to enter the TRU Sorting Table screen (DMSS0332) and verify data values are displayed but cannot be changed.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox-> Sorting Table" selection on the DMS main menu. - Verify data values cannot be changed by attempting to type in each field. - Click [Exit] 	✓	
20	<p>Attempt to enter the TRU Waste Component screen (DMSS0333) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Sorting Table" selection on the DMS main menu. - Click [Waste Component] button. - Click on the [Port 309] button. - Modify the Waste Description field under the Loadout Port. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] if List of Values popup appears (future bug fix opportunity) - Click [OK] on error dialog - Click [Return to Sorting Table] - Click [OK] on error dialog - Click on [No] button on dialog box asking if you want changes committed. - Click [Exit] to return to main menu 	✓	
21	<p>Attempt to enter the TRU Packaging screen (DMSS0334) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Sorting Table" selection on the DMS main menu. Then push the [Packaging] button. - Click on the [Port 309] button. - Modify the Waste Description field. - Click on "Signature Password" field and type "U2" - Click [OK] if List of Values popup appears (future bug fix opportunity) - Click [OK] on error dialog - Click [Return to Sorting Table] - Click [OK] on error dialog - Click on [No] button on dialog box asking if you want changes committed. - Click [Exit] to return to main menu 	✓	
22	<p>Attempt to enter the TRU Non-Compliant screen (DMSS0336) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Sorting Table" selection on the DMS main menu. - Then push the [Non-Compliant] button. - Click [OK] on any dialogue box. - Click in the Storage Category field, then click on [List of Values], then click [OK]. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button on error dialog - Click on the [Return to Sorting Table] - Click on [No] button on dialog box asking if you want changes committed. - Click [Exit] to return to main menu 	✓	
23	<p>Attempt to enter the TRU Exit Glovebox screen (DMSS0335) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Exit Glovebox" selection on the DMS main menu. - Click on the [Port 309] button. - Click [OK] on default profile dialog box. - Modify the Waste Description field. 	✓	

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	<ul style="list-style-type: none">- Click on "Signature Password" field and type "U2"- Click on the [Commit] button- Click [OK] button on error dialog- Click on [Exit] button.- Click on [No] button on dialog box asking if you want changes committed.	✓	
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24	<p>Attempt to enter the TRU RWM Waste Sorting screen (DMSS0341) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->TRU Waste Sorting" selection on the DMS main menu. - Click [OK] if no records retrieved dialog appears - Click on the [List of Values] button and click [OK] to modify the Storage Category. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button on error dialog - Click on [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
25	<p>Attempt to enter the TRU RWM Waste Repackaging screen (DMSS0342) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->TRU Waste Sorting" selection on the DMS main menu. - Click [OK] if dialog warning of no records queried appears - Click the [Repackage] button. - Click [OK] if no additional containers message dialog appears - Modify the Waste Description field under the compliant Loadout Drum area. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button on error dialog - Click on [Return to Sorting] - Click on [No] button on dialog box asking if you want changes committed. - Click on [Exit] button. 	✓	
26	<p>Attempt to enter the TRU RWM Compliant Waste Loadout screen (DMSS0343) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->Compliant Waste Loadout" selection on the DMS main menu. - Click [OK] if default profile dialog appears - Modify the Waste Description. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button on error dialog - Click on [Return] - Click on [No] button on dialog box asking if you want changes committed. 	✓	
27	<p>Attempt to enter the TRU RWM Treatment screen (DMSS0346) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox-> Treatment Item Assembly " selection on the DMS main menu. - Click on the [List of Values], select TF312WSO and click [OK]. - Click the [Treatment] button. - Modify the Waste Description under the Compliant Loadout Drum section. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button on error dialog - Click on [Return] - Click on [No] button on dialog box asking if you want changes committed. - Click [Exit] to return to main menu 	✓	
28	<p>Attempt to enter the TRU RWM Treated Waste Loadout screen (DMSS0348) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->Treatment Waste Loadout" selection on the DMS main menu. - Click [Ok] on the default profile message dialog - Modify the Waste description field under Treated Waste Loadout Drum. 	✓	

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	<ul style="list-style-type: none">- Click on "Signature Password" field and type "U2"- Click on the [Commit] button- Click [OK] button- Click [Return]- Click on [No] button on dialog box asking if you want changes committed.	✓	
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29	<p>Attempt to enter the Chain of Custody screen (DMSS0502) and verify that query for data is allowed but commit of data to the database is not.</p> <p>NOTE: DO NOT TEST - S02 DOES NOT SEEM TO HAVE ANY PROVISION FOR UPDATING - PR CRs 170 and 349 outstanding on this screen</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Internal Chain of Custody" selection on the DMS main menu. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button - Click on [Return] - Click [No] on dialog asking if you want to save changes 	✓	
30	<p>Attempt to enter the Laboratory Sample Analysis Request screen (DMSS0504) and verify that , query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Sample Analysis Request" selection on the DMS main menu. - Click [List of Values] and select 'TST-F212-PK-01' - Click on [Add Sample] button - Click [List of Values] and choose any sampling method, then click [OK] - Click on the Code field in the Analysis section. - Click on the [List of values] button, select any Analysis Code, then click [OK] - Click on the [Add Analysis] button. - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button in error dialog - Click [No] when asked if you want to save changes - Click on [Exit] button to return to the main menu 	✓	
31	<p>Attempt to enter the Waste Packet Description screen (DMSS0505) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Waste Packet Description" selection on the DMS main menu. - Click the TRU Radio button - Click in the Packet Pin field - Click on the [List of Values] button. - Select the Packet PIN TST-F212-PK-01 and click on [OK] - Modify the Waste Description - Click on "Signature Password" field and type "U2" - Click on the [Commit] button - Click [OK] button in error dialog. - Click on [Exit] button. - Click [No] when asked if you want to save changes 	✓	
32	<p>Attempt to enter the Worksheet Data Entry Screen and verify that query for data is allowed but commit of data to the database is not. (DMSS0506)</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Worksheet Entry" selection on the DMS main menu. - Click on the [List of Values] button. - Click on [OK] - Modify the Processing Instructions field - Click on the [Commit] button - Click [OK] button on error dialog - Click [No] when asked if you want your changes saved. - Click on [Exit] button to return to main menu 	✓	
33	<p>Attempt to enter the Sample Management/COC Screen and verify that query for data is allowed but commit of data to the database is not. (DMSS0507)</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->External Chain of Custody" selection on the DMS main menu. - Click on the [List of Values] button, choose any item, and click [OK]. - Modify the Sample Hazards field - Click on [Commit] - Click on [OK] in the error dialog 	✓	

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	<ul style="list-style-type: none">- Click on [Exit] button.- Click [No] when asked if you wish to save changes.	✓	
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34	<p>Attempt to enter the Sample/Bottle Tracking Data Screen and verify that query for data is allowed but commit of data to the database is not. (DMSS0509)</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Sample Tracking" selection on the DMS main menu. - Select PIN TST-F212-PK-02 by clicking [OK] - Modify the comments field - Click on [Commit] - Click on [OK] in the error dialog - Click on [Exit] - Click on [NO] when asked if you want to save changes 	✓	
35	<p>Attempt to enter the STC/Transfer Pig Location Screen and verify that query for data is allowed but commit of data to the database is not. (DMSS0510)</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->STC Location" selection on the DMS main menu. - Type TST-F212-TP-01 in the Pig Pin field - Click on the In-Transit radio button - Click on [Commit] - Click on [OK] on the error dialog - Click on [Exit] - Click on [NO] when asked if you want to save changes 	✓	
36	<p>Attempt to enter the Returned Samples Screen and verify that query for data is allowed but commit of data to the database is not. (DMSS0511)</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Returned Samples" selection on the DMS main menu. - Type 'TST-F212-TP-01' in the Transfer Pig PIN field - Click on [Yes] on popup - Type test in the STC Pin field - Click on [Yes] on popup - Type 96-10000-01L in the first sample bottle field - Click on [Yes] on popup - Click on [Commit] button - Click on [OK] button on error dialog. May appear twice - Click on [Exit] button - Click on [No] button when asked if you want to save changes. 	✓	
37	<p>Attempt to enter the Final Data Review screen (DMSS1221) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Data Review->Final Review" selection on the DMS main menu. - Click on [List of Values] button - Click on [OK] button on the popup - Click on [APPMDS] button - Click on [Insert] button - Click on [List of Values] button - Click on [OK] button - Click on [Return to Main 1221 Screen] button - Click on [OK] button in error dialog - Click on [Exit] - Click [No] when asked if you want to save changes 	✓	
38	<p>Attempt to enter the NDE Data Review screen (DMSS1231) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Data Review->NDE Data Review" selection on the DMS main menu. - Click the "All", "All", and "Not Reviewed" radio buttons. - Click on [List of Values] button - Select any listed Pin and then click [OK] - Enter data in SWITS Verification section - Click [Commit] - Click on [OK] button on error dialog 	✓	

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	<ul style="list-style-type: none"> - Click on [Exit] - Click [No] when asked if you want to save changes 	✓	
39	<p>Enter the Loading Dock Container Shipping screen (DMSS0602) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Shipping" selection on the DMS main menu. - Click on the [List of Values] button - Select 'F20-2' and click [Ok] - Verify that [In Transit] button is active. If not choose other shipments until the button is enabled. - Click on "Signature Password" field and type "U2" - Click on the [In Transit] button - Click [OK] button when DMSCOM error or PCS message complete dialog box appears. - Click [Exit] to return to the main menu. 	✓	
40	<p>Enter the Process List screen (DMSS0902) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Pick List->Process List" selection on the DMS main menu. - Click [OK] in response to any message dialogs that are displayed - Click on first item in Process List Additions section - Click [Bottom] - Click [Commit] - Click [OK] in error dialog - Click [Exit] to return to the main menu. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
41	<p>Enter the AS/RS Storage Pick List screen (DMSS0903) and verify that user is allowed to request a drum to be retrieved from the AS/RS.</p> <ul style="list-style-type: none"> - Click on the "Pick List->AS/RS Storage Pick List" selection on the DMS main menu. - Click on the [Retrieve] button - Click [OK] button in error dialog - Click on "Action"-->"Exit" on the menu bar to return to the main menu. 	✓	
42	<p>Enter the AS/RS Shipping Pick List screen (DMSS0904) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Pick List-> Shipping Pick List" selection on the DMS main menu. - Click on [LOV] button - Click on the first shipment in the LOV list - Click on [OK] button - Click on [LLW] button - Click on the first PIN in the right column - Click on [Move] button - Click on [Commit] button - Click [OK] button on error dialog - Click on [Exit] on the menu bar to return to the main menu. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
43	<p>Enter the Radiological Inventory Summary screen (DMSS1101) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Inventory->Rad Inventory" selection on the DMS main menu. - Type "7". - Click on the [Commit] button. - Click on the [OK] button on error dialog. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	

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44	<p>Enter the Container Location and Relationships screen (DMSS1102) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Inventory>Container Location Relation" selection on the DMS main menu. - Click on [List of Values] button - Select 'TST-xxx-xxx' and click [OK] - Click on Location and then [List of Values] - Select any value and click [OK] - Enter 'U2' for Signature Password and click [Commit] - Click on [Ok] button on error dialog - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
45	<p>Enter the Location Table screen (DMSS0452) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Location" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Location Id field. - Enter "test" in the Location Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
46	<p>Enter the Profile Isotopic screen (DMSS0454) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Profile Isotopic" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Prof Id field. - Enter "test" in the Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
47	<p>Enter the SIE Isotopic Name Table screen (DMSS0457) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->SIE Isotopic Name" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the ISO Name field. - Enter "5" in the SWITS ISO Num field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
48	<p>Enter the TRU Container Code Table screen (DMSS0458) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->TRU Container Code" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Container Type Code field. - Enter "test" in the Container Type Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
49	<p>Enter the Field Analysis Type Table screen (DMSS0459) and verify that query for data is allowed but commit of data to the database is not.</p>	✓	

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	<ul style="list-style-type: none"> - Click on the "Table Maint->Field Analysis Type" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Code field. - Enter "test" in the Description field. - Enter "Kg" in the Units field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
50	<p>Enter the Material Table screen (DMSS0460) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Material" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AA" in the Code field. - Enter "test" in the Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
51	<p>Enter the Wrap Miscellaneous Code Table screen (DMSS0461) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Wrap Misc. Code" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Field Name field. - Enter "test" in the Code Value field. - Enter "Kg" in the Code Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
52	<p>Enter the Laboratory Analysis Table screen (DMSS0462) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Laboratory Analysis" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Code field. - Enter "test" in the Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
53	<p>Enter the Sample Container Table screen (DMSS0463) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Sample Container" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Type Code field. - Enter "test" in the Container Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	

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54	<p>Enter the Sample Matrix Table screen (DMSS0464) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Sample Matrix" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Code field. - Enter "test" in the Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
55	<p>Enter the Sampling Method Table screen (DMSS0465) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Sampling Method" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Code field. - Enter "test" in the Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
56	<p>Enter the Treatment Procedure Table screen (DMSS0466) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Treatment Procedure" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Number field. - Enter "1" in the Revision Number field. - Enter "test" in the Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
57	<p>Enter the Drum Type screen (DMSS0467) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Treatment Procedure" selection on the DMS main menu. - Click on the [Insert] button. - Enter 'X' for Drum Code and 1 for Tare Wgt - Click [Commit] - Click [OK] on error dialog - Click [Exit] - Click [No] when asked if you want to save changes 	✓	
58	<p>Enter the Activity Comment screen (DMS1301) and verify that comments cannot be entered.</p> <ul style="list-style-type: none"> - Click on "Other Ops-> Activity Comment" on the DMS main menu - Click enter a PIN, or enter 'x' and tab to invoke LOV popop - Select a PIN and click [OK] - Enter "U2" in Signature Password field and click [Commit] - Click [Ok] on error dialog - Click [Exit] - Click [No] when asked if you want to save changes 	✓	
59	<p>Enter the Commonly Corrected Data screen (DMS0710) and verify that data can be queried but updates cannot be committed.</p> <ul style="list-style-type: none"> - Click on "Other Ops->Common Items" selection on the DMS main menu. - Click RT field on first item of WASTEXT section and enter a different route - Click [Commit] - Click [Ok] on error dialog 	✓	

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	<ul style="list-style-type: none"> - Click [Exit] - Click [No] when asked if you want to save your changes. 	✓	
60	<p>Attempt to enter the Overpack/Room Waste screen (DMSS0350) and verify that this screen is not available</p> <ul style="list-style-type: none"> - Click on "Other Ops-> Overpack/Room Waste" on the DMS main menu - Click [Ok] on error dialog 	✓	
61	<p>Attempt to enter the Container Weights – DMS and SWTS screen (DMSS0351) and verify that data can be queried but changes cannot be committed/</p> <ul style="list-style-type: none"> - Click "Other Ops-> Container Weights" on the DMS main menu - Click [List of Values] and select any PIN - Modify the Outer Gross field in the DMS Weights section - Enter 'U2' in the Signature Password field and click [Commit] - Click [Ok] on error dialog - Click [Exit] - Click [No] when asked if you want to save changes 	✓	
62	<p>Attempt to enter the Modify Route screen (DMSS0353) and verify that this screen is not available</p> <ul style="list-style-type: none"> - Click on "Other Ops-> Modify Route" on the DMS main menu - Click [Ok] on error dialog 	✓	
63	<p>Enter the Error Message Table screen (DMSS0701) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Admin->Error Message Table" selection on the DMS main menu. - Click on the [Insert] button. - Enter "1" in the Number field. - Enter "test" in the Error Text field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
64	<p>Enter the User Table screen (DMSS0702) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Admin->User Table" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Usr Userid field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
65	<p>Enter the Role Table screen (DMSS0703) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Admin->Role Table" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Role Code field. - Enter "test" in the Role Descr field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	

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66	<p>Enter the Screen Table screen (DMSS0704) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Admin->Screen Table" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Sern Name field. - Enter "test" in the Sern Title field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
67	<p>Enter the User Role Table screen (DMSS0708) and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Admin->User Role Table" selection on the DMS main menu. - Click on the first Role field. - Click on the [Delete] button. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
68	<p>Enter the Role Screen (DMSS0709) Table screen and verify that query for data is allowed but commit of data to the database is not.</p> <ul style="list-style-type: none"> - Click on the "Admin->Role Screen Table" selection on the DMS main menu. - Click on the first RoleScreen item on the list. - Click on the [Delete] button. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
69	<p>Enter the Message Log screen (DMS0712) and verify that data can be queried but message log cannot be purged.</p> <ul style="list-style-type: none"> - Click on "Admin->Message Log" selection on the DMS main menu. - Click [Purge] - Click [Ok] on error dialog - Click [Exit] to return to main menu. 	✓	
70	<p>Attempt to enter the Change Log screen (DMSS0352) and verify no access allowed.</p> <ul style="list-style-type: none"> - Click on the "Admin->Change Log" selection on the DMS main menu. - Click on [OK] button 	✓	
71	<p>Exit the DMS system.</p> <ul style="list-style-type: none"> - Click on the "Exit" selection on the DMS main menu. 	✓	

Appendix C
Perform USER1 Security Test

STEP	Description	Pass	Fail
1	Enter the Receiving screen (DMSS0101) and verify that query for data is allowed and user with update access can commit data changes. - Click on the "Receiving" selection on the DMS main menu. - Click on [INSERT] button - Type "Test" - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button	✓	
2	Enter the NDE screen (DMSS0201) and verify that data can be queried and a user with update access can commit data changes. - Click on the "NDE/NDA"-->"NDE" selection on the DMS main menu. - Click on [List of Values] button - Select any PIN and click [OK] - Click on the first Date/time field - Click [OK] if an error dialog results – ignore error - Enter 'Test' in File A field - Click [Commit] - Click [Exit]	✓	
3	Enter the NDA screen (DMSS0202) and verify that query for data is allowed and user with update access can commit data changes. - Click on the "NDE/NDA"-->"NDA" selection on the DMS main menu. - Click on Waste Pin field and then [List of Values] button - Select "TST-F14-PD-SEC" and click [OK] - Click on Profile ID field - Click on [List of Values] button, choose any item and click [OK] - Click on [Commit] button - Click on [Exit] button	✓	

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4	<p>Attempt to enter the Assay Results screen (DMSS0203) and verify that query for data is allowed and user with update access can commit data changes</p> <ul style="list-style-type: none"> - Click on the "NDE/NDA"-->"NDA" selection on the DMS main menu. - Click on Waste Pin field and then [List of Values] button - Select "TST-F14-PD-SEC" and click [OK] - Click [NDA Results] button - Enter "1.5" in the Ratio Pu 239/Pu 240 field - Click the first Isotope field and enter "PU-239". - Enter ".5" for quantity and ".05" for TMU - Click [Commit] - Click [Exit] - If any "Note" dialogs appear, click [OK] on each - Click [Exit] to return to main menu. 	✓	
5	<p>Attempt to enter the Assay Update screen (DMSS0204) and verify that query for data is allowed and user with update access can commit data changes</p> <ul style="list-style-type: none"> - Click on the "NDE/NDA"-->"Assay Update" selection on the DMS main menu - Click on Waste Pin field and then [List of Values] button - Select "TST-F15-PD-SEC" and click [OK] - Click Profile ID field, click [List of Values], choose any item, then click [OK] - Click [Commit] - Click [Exit] 	✓	
6	<p>Attempt to enter the LLW Sorting Table screen (DMSS0312) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->Llw Glovebox->Sorting Table" selection on the DMS main menu. - Type "Test" in the "Waste Description" field - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
7	<p>Attempt to enter the LLW Exit Glovebox screen (DMSS0315) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->Llw Glovebox->Exit Glovebox" selection on the DMS main menu. - Type "Test" in the "Generator Waste Description" field - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	

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8	<p>Attempt to enter the LLW RWM Waste Sorting screen (DMSS0321) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->RWM Waste Sorting" selection on the DMS main menu. - Click on the Storage Category field. - Click on the [List of Values] button. - Click [OK] button. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
9	<p>Attempt to enter the LLW RWM Waste Repackaging screen (DMSS0322) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->RWM Waste Sorting" selection on the DMS main menu. then push the [Repackage] button - Modify the value in the Waste Description field in the New Container section. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Return to Sorting] button. - Click on [Exit] button 	✓	
10	<p>Attempt to enter the Field Screening screen (DMSS0503) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->RWM Waste Sorting" selection on the DMS main menu. Then push the [Repackage] button. Once the DMSS0322 screen comes up push the [Field Screening] button. - Click [OK] on the [List of Values] popup - Enter sample data by clicking [Next Sample] and then entering a sampling method via the LOV on this field - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Return] button - Click on [Return to Sorting] button - Click on [Exit] button 	✓	
11	<p>Attempt to enter the Lab Sample Acquisition screen (DMSS0501) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW Glovebox->Sorting Table" selection on the DMS main menu. Then push the [Sample] button. - Click on [Remove Bottle From STC] button. - Click [OK] on popup window - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Return] button. - Click on [Exit] button 	✓	
12	<p>Attempt to enter the LLW RWM Compliant Waste Loadout screen (DMSS0323) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Compliant Waste Loadout" selection on the DMS main menu. - Click on Primary Waste Type and then click [List of Values] - Select any item and click [OK] - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
13	<p>Attempt to enter the Physical Component screen (DMSSPHYS) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Compliant Waste Loadout" selection on the DMS main menu. Then push the [Waste Component] button. 	✓	

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	<ul style="list-style-type: none">- Click on the first line of description, then click [List of values].- Select any item on the LOV and click [OK]- Tab to Weight and enter 10.- Click on "SIGNATURE PASSWORD" field and type in "U1"- Click on [Commit] button- Click on [Exit] button		
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14	<p>Attempt to enter the LLW RWM Treatment screen (DMSS0326) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Treatment Item Assembly" selection on the DMS main menu. - Click on [List of Values] and select TF311WSO, then click [OK]. - Click on the [Treatment] button to enter the DMSS0326 screen. - Modify the Waste Description field under Compliant Loadout Drum. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] buttons on three screens to return to main menu. 	✓	
15	<p>Attempt to enter the LLW RWM Treated Waste Loadout screen (DMSS0328) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Treated Waste Loadout" selection on the DMS main menu. - Click on [Change Loadout Drum] button. - Click on [List of Values] and select TST-F18-PD-SEC, then click on [OK]. - Modify the Waste Description field under Treated Waste Loadout Drum. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
16	<p>Attempt to enter the Chemical Component screen (DMSSCHEM) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->LLW RWM Glovebox->Treated Waste Loadout" selection on the DMS main menu. - Click on [Change Loadout Drum] button - Click on [List of Values] and select TST-F18-PD-SEC, then click [OK]. - Click on [Waste Component] button. - Click on the [List of Values] button then select any component and click [OK] - Press the TAB and enter 10 under Weight. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button on two screens to return to main menu. 	✓	
17	<p>Attempt to enter the TRU Waste Component screen (DMSS0333) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Sorting Table" selection on the DMS main menu. Then push the [Waste Component] button. - Click on the [Port 309] button. - Modify the Waste Description field under the Loadout Port. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click [OK] on LOV popup (has no effect on data) - Click on the [Return to Sorting Table] button - Click on [Exit] button 	✓	
18	<p>Attempt to enter the TRU Packaging screen (DMSS0334) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Sorting Table" selection on the DMS main menu. Then push the [Packaging] button. - Click on the [Port 309] button. - Modify the Waste Description field under the Loadout Port. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click [OK] on LOV popup (has no effect on data) - Click on the [Return to Sorting Table] button - Click on [Exit] button 	✓	

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19	<p>Attempt to enter the TRU Non-Compliant screen (DMSS0336) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Sorting Table" selection on the DMS main menu. Then push the [Non-Compliant] button. - Click on the [OK] on any dialog box. - Modify the Storage Category by selecting any value from the LOV popup for this field. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on the [Return to Sorting Table] button - Click on [Exit] button 	✓	
20	<p>Attempt to enter the TRU Exit Glovebox screen (DMSS0335) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU Glovebox->Exit Glovebox" selection on the DMS main menu. - Click on the [Loadout Port 309] button. - Click on the [OK] on any dialog box. - Modify the Waste Description field. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
21	<p>Attempt to enter the TRU RWM Waste Sorting screen (DMSS0341) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->TRU Waste Sorting" selection on the DMS main menu. - Click [OK] if message dialog appears - Modify the Storage Category by clicking on the [List of Values] button and clicking [OK] - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
22	<p>Attempt to enter the TRU RWM Waste Repackaging screen (DMSS0342) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->TRU Waste Sorting" selection on the DMS main menu. - Click on the [OK] on any dialog - Click [Repackage] - Click on the [OK] on any dialog. - Modify the Waste Description field in the Compliant Loadout Drum section. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click [Return to Sorting] button - Click on [Exit] button 	✓	
23	<p>Attempt to enter the TRU RWM Compliant Waste Loadout screen (DMSS0343) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->Compliant Waste Loadout" selection on the DMS main menu. - Click on the [OK] on any dialog. - Modify the Waste Description field. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Return] button 	✓	
24	<p>Attempt to enter the TRU RWM Treatment screen (DMSS0346) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->Treatment Item Assembly" selection on the DMS main menu. - Click on the [List of Values], select TF312WSO and click [OK] 	✓	

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	<ul style="list-style-type: none">- Click the [Treatment] button.- Modify the Waste description under the Compliant Loadout Drum section- Click on "SIGNATURE PASSWORD" field and type in "U1"- Click on [Commit] button- Click on [Exit] buttons twice to return to main menu	✓	
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25	<p>Attempt to enter the TRU RWM Treated Waste Loadout screen (DMSS0348) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Process Ops->TRU RWM Glovebox->Treatment Waste Loadout" selection on the DMS main menu. - Click [OK] on any message dialog that appears - Modify the Waste Description field under Treated Waste Loadout Drum. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Return] button 	✓	
26	<p>Attempt to enter the Internal Chain of Custody screen (DMSS0502) and verify that query for data is allowed and user with update access can commit data changes.</p> <p>NOTE: 302 DOES NOT SEEM TO HAVE ANY PROVISION FOR UPDATING - PR/CRJ 170 and 159 outstanding on this screen</p>	✓	
27	<p>Attempt to enter the Laboratory Sample Analysis Request screen (DMSS0504) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Sample Analysis Request" selection on the DMS main menu. - Click [List of Values] and select 'TST-F212-PK-01', then click [OK] - Click on the [Add Sample] button - Click on the Sampling Method field. - Click on the [List of Values] button and select any method, then click [OK]. - Click on the Analysis Code field. - Click on the [List of Values] button and select any item then click [OK]. - Click on the [Add Analysis] button. - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
28	<p>Attempt to enter the Waste Packet Description screen (DMSS0505) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Waste Packet Description" selection on the DMS main menu. - Click the TRU Radio button - Click in the Packet Pin field - Click on the [List of Values] button - Select the Packet PIN TST-F212-PK-01 and click on [OK] - Modify the Waste Description - Click on "SIGNATURE PASSWORD" field and type in "U1" - Click on [Commit] button - Click on [Exit] button 	✓	
29	<p>Attempt to enter the Worksheet Data Entry screen (DMSS0506) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Worksheet Entry" selection on the DMS main menu. - Click [List of Values], select any item, and click [OK] - Modify the contents of the Processing Instructions field - Click [Commit] - Click [Exit] 	✓	
30	<p>Attempt to enter the Sample Management/COC screen (DMSS0507) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->External Chain of Custody" selection on the DMS main menu. - Enter 'TEST' for COC Form Number - Click [Commit] - Click [Exit] 	✓	
31	<p>Attempt to enter the Sample/Bottle Tracking screen (DMSS0509) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Sample Tracking" selection on the DMS main menu. - Choose any item on the LOV popup and click [OK] 	✓	

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	<ul style="list-style-type: none"> - Modify contents of Comments field - Click [Commit] - Click [Exit] 	✓	
32	<p>Attempt to enter the STC/Transfer Pig Location screen (DMSS0510) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->STC Location" selection on the DMS main menu. - Enter 'TST-F212-TP-01' into the Pig PIN field and prss <Tab> - Click the Sample Management' radio button - Click [Commit] - Click [Clear Screen], reenter the Pig PIN and <Tab> to redisplay the updated record. - Click [Exit] 	✓	
33	<p>Attempt to enter the Returned Samples screen (DMSS0511) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Sample Mgmt->Returned Samples" selection on the DMS main menu. - Enter 'TST-F212-TP-01' into the Transfer Pig PIN field - Click [Yes] on dialog - Enter 'TEST' in the STC PIN field and press <Tab> - Click [Yes] on dialog - Enter '96-10000-01L' in the first Sample Bottles field and press <Tab> - Click [Yes] on dialog - Click [Commit] - Click [Exit] 	✓	
34	<p>Attempt to enter the Final Data Review screen (DMSS1221) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Data Review->Final Data Review" selection on the DMS main menu - Click "All" radio button - Click [List of Values], choose any item, and click [OK] - Click [Waste] button - Click the Chemical Nature field, click [List of Values], choose any item, and click [OK] - Click [Return to Main 1221 Screen] - Click [Exit] 	✓	
35	<p>Attempt to enter the NDE Data Review screen (DMSS1231) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Data Review->NDE Data Review" selection on the DMS main menu - Click [List of Values], choose 'TST-F81-1231T', and click [OK] - Enter a Verification record - Click [Commit] - Click [Exit] 	✓	
36	<p>Attempt to enter the Loading Dock Container Shipping screen (DMSS0602) and verify that query for data is allowed and user with update access can commit data changes.</p> <p>NOTE: DMSCOM and PCS Simulator required for this test</p> <ul style="list-style-type: none"> - Click on the "Shipping" selection on the DMS main menu. - Click on the [List of Values] button, select 'F20-5' and click [OK] - Click on "Signature Password" field and type "U1" - Click on the [In Transit] button - Click [OK] for either DMSCOM down message or PCS message sent dialog - Click [Exit] to return to the main menu. 	✓	
37	<p>Attempt to enter the Process List screen (DMSS0902) and verify that query for data is allowed and user with update access can commit data changes.</p> <ul style="list-style-type: none"> - Click on the "Pick List->Process List" selection on the DMS main menu. - Click on the first item in the Not on Process List section - Click [Move to List] - Click [Commit] button - Click on [Exit] button 	✓	

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38	<p>Attempt to enter the AS/RS Storage Pick List screen (DMSS0903) and verify that query for data is allowed and user with update access can commit data changes.</p> <p>NOTE: DMSCOM and PCS Simulator required for this test</p> <ul style="list-style-type: none"> - Click on the "Pick List-> AS/RS Storage Pick List " selection on the DMS main menu. - Click on the first item in the AS/RS Pick List section and click [Retrieve] - Click [OK] on PCS message acknowledgement dialog or DMSCOM down warning. - Click [Exit] 	✓	
39	<p>Enter the AS/RS Shipping Pick List screen (DMSS0904) and verify that query for data is allowed and changes can be committed.</p> <ul style="list-style-type: none"> - Click on the "Pick List-> Shipping Pick List" selection on the DMS main menu. - Click on [LOV] button - Click on the first shipment in the LOV list - Click on [OK] button - Click on the first PIN in the right column - Click on [Move] button - Click on [Commit] button 	✓	
40	<p>Enter the Radiological Inventory Summary screen (DMSS1101) and verify that query for data is allowed and changes can be committed.</p> <p>NOTE: DMSCOM and PCS Simulator availability preferred but not required for this test</p> <ul style="list-style-type: none"> - Click on the "Inventory->Rad Inventory" selection on the DMS main menu. - Change the Total field of the first line of data. - Click on the [Commit] button. - Click on the [OK] button on error dialog or PCS message acknowledgement dialog. - Click on the [Exit] button. 	✓	
41	<p>Enter the Container Location and Relationships screen (DMSS1102) and verify that query for data is allowed and changes can be committed.</p> <ul style="list-style-type: none"> - Click on the "Inventory->Container Location Relation" selection on the DMS main menu. - Click on [List of Values] button, select any item, and click [OK] - Click on Location and then [List of Values] - Select any value and click [OK] - Enter 'U1' for Signature Password and click [Commit] - Click on the [Exit] button. 	✓	
42	<p>Enter the Location Table screen (DMSS0452) and verify that query for data is allowed and changes can be committed.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Location" selection on the DMS main menu. - Change the Location Description field of any item. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
43	<p>Enter the Profile Isotopic screen (DMSS0454) and verify that query for data is allowed and changes can be committed.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->Profile Isotopic" selection on the DMS main menu. - Change the Description field - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
44	<p>Enter the SIE Isotopic Name Table screen (DMSS0457) and verify that query for data is allowed and changes can be committed.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->SIE Isotopic Name" selection on the DMS main menu. - Change the SWITS ISO Num field on any record to "5" - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
45	<p>Enter the TRU Container Code Table screen (DMSS0458) and verify that query for data is allowed and changes can be committed.</p> <ul style="list-style-type: none"> - Click on the "Table Maint->TRU Container Code" selection on the DMS main menu. - If any TRUCON records exist, click on the [Insert] button. - Enter "AAA" in the Container Type Code field. 	✓	

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	<ul style="list-style-type: none"> - Enter "test" in the Container Type Description field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button. - Click on [No] button on dialog box asking if you want changes committed. 	✓	
46	Enter the Field Analysis Type Table screen (DMSS0459) and verify that query for data is allowed but commit of data to the database is not. <ul style="list-style-type: none"> - Click on the "Table Maint->Field Analysis Type" selection on the DMS main menu. - Change the value of any Description field. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
47	Enter the Material Table screen (DMSS0460) and verify that query for data is allowed and changes can be committed. <ul style="list-style-type: none"> - Click on the "Table Maint->Material" selection on the DMS main menu. - Change the value of any Description field - Click on the [Commit] button. - Click on the [Exit] button. 	-	
48	Enter the Wrap Miscellaneous Code Table screen (DMSS0461) and verify that query for data is allowed and changes can be committed. <ul style="list-style-type: none"> - Click on the "Table Maint->Wrap Misc. Code" selection on the DMS main menu. - Change any Code Description field. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
49	Enter the Laboratory Analysis Table screen (DMSS0462) and verify that query for data is allowed and changes can be committed. <ul style="list-style-type: none"> - Click on the "Table Maint->Laboratory Analysis" selection on the DMS main menu. - Enter "test" in any Preservative field. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
50	Enter the Sample Container Table screen (DMSS0463) and verify that query for data is allowed and changes can be committed. <ul style="list-style-type: none"> - Click on the "Table Maint->Sample Container" selection on the DMS main menu. - Change the value of any Description field. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
51	Enter the Sample Matrix Table screen (DMSS0464) and verify that query for data is allowed and changes can be committed. <ul style="list-style-type: none"> - Click on the "Table Maint->Sample Matrix" selection on the DMS main menu. - Change the value of any Description field. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
52	Enter the Sampling Method Table screen (DMSS0465) and verify that query for data is allowed and changes can be committed. <ul style="list-style-type: none"> - Click on the "Table Maint->Sampling Method" selection on the DMS main menu. - Change the value of any Description field. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
53	Enter the Treatment Procedure Table screen (DMSS0466) and verify that query for data is allowed and changes can be committed. <ul style="list-style-type: none"> - Click on the "Table Maint->Treatment Procedure" selection on the DMS main menu. - Change the value of any Description field. - Click on the [Commit] button. - Click on the [Exit] button. 	✓	
54	Enter the Drum Type Table screen (DMSS0467) and verify that query for data is allowed and		

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	changes can be committed. - Click on the "Table Maint->Treatment Procedure" selection on the DMS main menu. - Change the value of any Description field. - Click [Commit] - Click [Exit]	✓	
55	Enter the Activity Comment screen (DMSS1301) and verify that query for data is allowed and user with update access can commit data changes. - Click on the "Other Ops->Activity Comment" selection on the DMS main menu. - Click [Insert] if any existing record is displayed - Type TST-F21-WP-SEC in the PIN field - Enter 'TEST' in the Comments field - Click on "Signature Password" field and type "U1" - Click on [Exit] button	✓	
56	Enter the Commonly Corrected Data screen (DMS0710) and verify that data can be queried and updates can be committed. - Click on "Other Ops->Common Items" selection on the DMS main menu. - Click in the Pu FGE field on any item of WASTEXT section and enter .001 - Click [Commit] - Click [Exit]	✓	
57	Attempt to enter the Overpack/Room Waste screen (DMSS0350) and verify that data can be queried and updates committed. - Click on "Other Ops-> Overpack/Room Waste" on the DMS main menu - Click [List of Values], select any PIN, and click [OK] - Enter U1 in Signature Password field - Click [Change Empty to Room Waste] - Click [Ok] on message dialog	✓	
58	Attempt to enter the Container Weights – DMS and SWITS screen (DMSS0351) and verify that data can be queried and changes can be committed - Click "Other Ops-> Container Weights" on the DMS main menu - Click [List of Values] and select any PIN - Click [OK] on any warning dialogs that appear - Modify the Outer Gross field in the DMS Weights section - Enter 'U1' in the Signature Password field and click [Commit] - Click [Exit]	✓	
59	Attempt to enter the Modify Route screen (DMSS0353) and verify that data can be queried and route changes committed. - Click on "Other Ops-> Modify Route" on the DMS main menu - Click [List of Values], choose any PIN, and click [OK] - Enter a route code or change it if it exists - Click [Commit] - Click [Exit]	✓	
60	Enter the Error Message Table screen (DMSS0701) and verify that query for data is allowed and changes can be committed. - Click on the "Admin->Error Message Table" selection on the DMS main menu. - Change the Description field of any item - Click on the [Commit] button. - Click on the [Exit] button.	✓	
61	Enter the User Table screen (DMSS0702) and verify that query for data is allowed and changes can be committed. - Click on the "Admin->User Table" selection on the DMS main menu. - Click on the [Insert] button. - Enter "AAA" in the Usr Userid field. - Click on the [Commit] button. - Click on the [OK] button. - Click on the [Exit] button.	✓	

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	- Click on [No] button on dialog box asking if you want changes committed.	✓	
62	Enter the Role Table screen (DMSS0703) and verify that query for data is allowed and changes can be committed. - Click on the "Admin->Role Table" selection on the DMS main menu. - Change the Description field of any item - Click on the [Commit] button. - Click on the [Exit] button.	✓	
63	Enter the Screen Table screen (DMSS0704) and verify that query for data is allowed and changes can be committed. - Click on the "Admin->Screen Table" selection on the DMS main menu. - Change the Scrn Title of any item - Click on the [Commit] button. - Click on the [Exit] button.	✓	
64	Enter the User Role Table screen (DMSS0708) and verify that query for data is allowed and changes can be committed. - Click on the "Admin->User Role Table" selection on the DMS main menu. - Arrow down until Userid is 'WRAPADM'. - Insert another role using the LOV - Click on the [Commit] button. - Click on the [Exit] button.	✓	
65	Enter the Role Screen (DMSS0709) Table screen and verify that query for data is allowed and changes can be committed. - Click on the "Admin->Role Screen Table" selection on the DMS main menu. - Click on the first RoleScreen item on the list. - Insert an additional screen using the LOV - Enter 'U' in the RSC field - Click [Commit] button. - Click on the [Exit] button.	✓	
66	Enter the Message Log screen (DMSS0712) and verify that data can be queried and message log can be purged. - Click on "Admin->Message Log" selection on the DMS main menu. - Click [Purge Msglog] (acknowledgement appears at the bottom of screen) - Click [Exit] to return to main menu.	✓	
67	Attempt to enter the Change Log screen (DMSS0352) and verify that data can be queried and new log entries inserted - Click on the "Admin->Change Log" selection on the DMS main menu. - Enter 'TEST' in Description field of automatically inserted message - Click on [OK] button	✓	
68	Exit the DMS system. - Click on the "Exit" selection on the DMS main menu. Stop the PCS simulator, the SIE simulator, and DMSCOM, and close all Dynacomm screens. - In the DMSCOM Dynacomm instance, type "stopdmscom" - Click on [Exit] button - In the SIE Dynacomm instance, type "q" - Wait for the screen prompt, then click on [Exit] button - In the PCS Dynacomm instance, type "q" - Wait for the screen prompt, then click on [Exit] button.	✓	

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